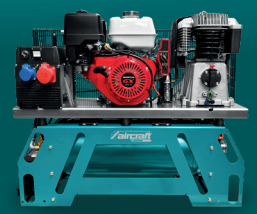


# SPRING/SUMMER 2026



Best Of 2026  
**Heimwerker  
Praxis** 1/26  
Aircraft Akku-Kompressor  
Airboy Silence 111 AS OF E  
Kategorie: Akku-Elektrowerkzeuge  
Powered by **BOSCH**



## AIRBOY SILENCE 111 AS OF E Portable, oil-free compressor with 6 litre tank capacity

- ▶ Compatible with 18V AMPShare battery for flexible use wherever there is no power socket within reach
- ▶ Extremely quiet, only 60 dB(A) (sound pressure level Lp)
- ▶ Environmentally friendly and low-maintenance - no oil in the condensate and no need to change the oil
- ▶ Convenient handling due to low weight
- ▶ Vibration-damping rubber feet
- ▶ Powder-coated compressed air tank



Powered by **BOSCH**



18V AMP-Share rechargeable battery  
(not included in the scope of delivery)



Info & Video



Very quiet



Oil-free!



- Compressed air extraction via a one-hand quick coupling
- Pressure reducer for infinitely variable adjustment of the desired working pressure
- One pressure gauge each for displaying the tank and working pressure

| Accessories                  | Art. no. |
|------------------------------|----------|
| Rechargeable battery pack    | 0010008  |
| ProCORE 18V 8.0 Ah BOSCH     | 0010010  |
| Charger GAL 18V-160 EU BOSCH | 0010010  |

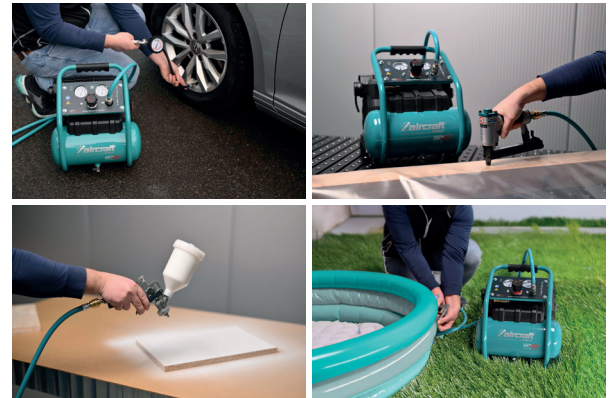


| Model                             |                   | AIRBOY SILENCE 111 AS OF E |
|-----------------------------------|-------------------|----------------------------|
| Art no.                           |                   | 2000108                    |
| Compressor system <sup>1)</sup>   |                   | WDS                        |
| Suction capacity approx.          | l/min             | 120                        |
| Filling capacity at 6 bar approx. | l/min             | 50                         |
| Maximum pressure                  | bar               | 8                          |
| Tank capacity                     | l                 | 6                          |
| Speed                             | min <sup>-1</sup> | 1600                       |
| Sound pressure level Lp           | dB(A)             | 60                         |
| Connection voltage                | V                 | 18                         |
| Motor power ~50 Hz                | W                 | 400                        |
| Dimensions (L x W x H) approx.    | mm                | 370 x 355 x 410            |
| Weight approx.                    | kg                | 14.9                       |

Best Of 2026

**Heimwerker Praxis**  
1/26

Aircraft Akku-Kompressor  
Airboy Silence 111 AS OF E  
Kategorie: Akku-Elektrowerkzeuge



## AIRBOY 186 OF E / MOBILBOY 185 OF E - Portable, oil-free piston compressors

- ▶ Oil-free piston compressor, so no oil change necessary and no oil in the condensate
- ▶ Small, compact design
- ▶ Fully automatic on/off operation
- ▶ Electric motor equipped with motor protection switch
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ One-hand quick-release couplings

### Airboy 186 OF E

- ▶ Suction cups for a secure stand

| Technical data                                 |                   | AIRBOY 186 OF E | MOBILBOY 185 OF E |
|--|-------------------|-----------------|-------------------|
| Art no.  |                   | 2001230         | 2001240           |
| Compressor system <sup>1)</sup>                |                   | WDS             | WDS               |
| Suction capacity approx.                       | l/min             | 180             | 180               |
| Filling capacity at 6 bar approx.              | l/min             | 90              | 90                |
| Maximum pressure                               | bar               | 8               | 10                |
| Tank capacity                                  | l                 | 6               | 5                 |
| Cylinder/stages                                |                   | 1/1             | 1/1               |
| Speed  | min <sup>-1</sup> | 3400            | 3400              |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 97              | 97                |
| Motor power ~50 Hz                             | kW/V              | 1.1 / 230       | 1.1 / 230         |
| Dimensions (L x W x H) approx.                 | mm                | 315 x 355 x 370 | 320 x 380 x 467   |
| Weight approx.                                 | kg                | 9.2             | 12                |

AIRBOY 186 OF E



Oil-free!

Including blow gun  
and 5m spiral hose



MOBILBOY 185 OF E

## AIRBOY SILENCE OF E – Portable, oil-free silent piston compressor

- ▶ Small, compact design
- ▶ Extremely quiet thanks to smooth operation
- ▶ Oil-free piston compressor, so no oil change necessary and no oil in the condensate
- ▶ Compressed air extraction via a one-hand quick-release coupling
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Electric motor equipped with motor protection switch
- ▶ Vibration-damping rubber feet / suction cups

### Handy Silence 171 OF E

- ▶ There are wall hooks and suction cups on the back for attaching it to a wall or shelf



HANDY SILENCE 221 OF E

**new**



HANDY SILENCE 171 OF E



AIRBOY 131 OF E



AIRBOY SILENCE 171 OF E



AIRBOY SILENCE 211 OF E



AIRBOY SILENCE 221 OF E



AIRBOY SILENCE 241 OF E

only direct container

| Technical data                    |                   | HANDY SILENCE 171 OF E | AIRBOY 131 OF E | AIRBOY SILENCE 171 OF E | HANDY SILENCE 221 OF E | AIRBOY SILENCE 221 OF E | AIRBOY SILENCE 241 OF E | AIRBOY SILENCE 211 OF E |
|-----------------------------------|-------------------|------------------------|-----------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| Art no.                           |                   | 2001171                | 2001225         | 2001265                 | 2001221                | 2000206                 | 2000245                 | 2000215                 |
| Compressor system <sup>1)</sup>   |                   | WDS                    | WDS             | WDS                     | WDS                    | WDS                     | WDS                     | WDS                     |
| Suction capacity approx.          | l/min             | 170                    | 107             | 160                     | 200                    | 221                     | 240                     | 200                     |
| Filling capacity at 6 bar approx. | l/min             | 75                     | 45              | 80                      | 90                     | 120                     | 120                     | 90                      |
| Maximum pressure                  | bar               | 8                      | 8               | 8                       | 8                      | 8                       | 10                      | 8                       |
| Tank capacity                     | l                 | 6                      | 6               | 6                       | 6                      | 6                       | 8                       | 6                       |
| Cylinder/stages                   |                   | 2/1                    | 2/1             | 2/1                     | 2/1                    | 2/1                     | 2/1                     | 2/1                     |
| Speed                             | min <sup>-1</sup> | 2850                   | 1450            | 1450                    | 2850                   | 2800                    | 2850                    | 2850                    |
| Sound pressure level Lp           | dB(A)             | 62                     | 49              | 59                      | 61                     | 67                      | 62                      | 61                      |
| Motor power ~50 Hz                | kW/V              | 0.9 / 230              | 0.6 / 230       | 1.1 / 230               | 0.8 / 230              | 0.9 / 230               | 1 / 230                 | 1.0 / 230               |
| Dimensions (L x W x H) approx.    | mm                | 430x190x480            | 345x340x315     | 445x435x410             | 370x270x530            | 370x355x330             | 460x410x350             | 370x370x340             |
| Weight approx.                    | kg                | 12                     | 15.9            | 20                      | 16                     | 16.4                    | 19                      | 16.5                    |

1) See main catalogue for description of compressor systems

## MOBILBOY Silence OF E – Oil-free silent piston compressors for mobile use



- ▶ Extremely quiet thanks to smooth operation
- ▶ Oil-free piston compressor: no oil change necessary and no oil in the condensate - best working quality
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ High-quality pressure switch
- ▶ Electric motor equipped with motor protection switch
- ▶ Fully automatic on/off operation
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ A one-hand quick-release coupling

- MOBILBOY SILENCE 401/50 OF E,  
MOBILBOY SILENCE 401/100 OF E**
- ▶ Two one-hand quick-release couplings
  - ▶ Filter pressure regulator for infinitely variable adjustment of the working pressure, with simultaneous dirt, oil and condensate separation



MOBILBOY SILENCE 211/24 OF E



MOBILBOY SILENCE 241/24 OF E



MOBILBOY SILENCE 231/50 OF E



MOBILBOY SILENCE 241/50 OF E

only direct container

only direct container

| Technical data                                 |                   | MOBILBOY SILENCE<br>211/24 OF E | MOBILBOY SILENCE<br>231/50 OF E | MOBILBOY SILENCE<br>241/24 OF E | MOBILBOY SILENCE<br>241/50 OF E |
|--|-------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Art no.  |                   | 2002215                         | 2002326                         | 2002245                         | 2002246                         |
| Compressor system <sup>1)</sup>                |                   | WDS                             | WDS                             | WDS                             | WDS                             |
| Suction capacity approx.                       | l/min             | 200                             | 230                             | 240                             | 240                             |
| Filling capacity at 6 bar approx.              | l/min             | 90                              | 130                             | 120                             | 115                             |
| Maximum pressure                               | bar               | 8                               | 10                              | 10                              | 10                              |
| Tank capacity                                  | l                 | 24                              | 50                              | 24                              | 50                              |
| Cylinder/stages                                |                   | 2/1                             | 2/1                             | 2/1                             | 2/1                             |
| Speed  | min <sup>-1</sup> | 2850                            | 1400                            | 2850                            | 2850                            |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | -                               | 80                              | -                               | -                               |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 61                              | 69                              | 62                              | 64                              |
| Motor power ~50 Hz                             | kW/V              | 0.8 / 230                       | 1.3 / 230                       | 1.0 / 230                       | 1.0 / 230                       |
| Dimensions (L x W x H) approx.                 | mm                | 590 x 280 x 600                 | 735 x 320 x 665                 | 600 x 280 x 600                 | 600 x 280 x 600                 |
| Weight approx.                                 | kg                | 21                              | 44                              | 23                              | 31                              |

1) See main catalogue for description of compressor systems

2) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)



Very quiet



Oil-free!



MOBILBOY SILENCE 401/100 OF E



MOBILBOY SILENCE 401/50 OF E



MOBILBOY SILENCE 320/90 OF E

only direct container

| Technical data                                 |                   | MOBILBOY SILENCE 320/90 OF E | MOBILBOY SILENCE 401/50 OF E | MOBILBOY SILENCE 401/100 OF E |
|--|-------------------|------------------------------|------------------------------|-------------------------------|
| Art no.  |                   | 2002340                      | 2002401                      | 2002402                       |
| Compressor system <sup>1)</sup>                |                   | WDS                          | WDS                          | WDS                           |
| Suction capacity approx.                       | l/min             | 320                          | 400                          | 400                           |
| Filling capacity at 6 bar approx.              | l/min             | 230                          | 200                          | 200                           |
| Maximum pressure                               | bar               | 10                           | 10                           | 10                            |
| Tank capacity                                  | l                 | 90                           | 50                           | 100                           |
| Cylinder/stages                                |                   | 2/1                          | 2/1                          | 2/1                           |
| Speed  | min <sup>-1</sup> | 1400                         | 2850                         | 2850                          |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 90                           | 89                           | 89                            |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 72                           | 67                           | 67                            |
| Motor power ~50 Hz                             | kW/V              | 1.5 / 230                    | 1.5 / 230                    | 1.5 / 230                     |
| Dimensions (L x W x H) approx.                 | mm                | 980x470x950                  | 800x360x720                  | 980x450x760                   |
| Weight approx.                                 | kg                | 69                           | 40                           | 57                            |

## MOBILBOY E – Direct coupled, mobile compressors with conventional equipment

- ▶ Units with high-performance oil lubrication system, efficient lubrication with optimum sealing at the same time
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ **Two compressed air tapping points via one-hand quick-release coupling**
- ▶ Fully automatic on/off operation via pressure switch
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Electric motor equipped with circuit breaker
- ▶ Compressed air line made of copper

### MOBILBOY 211/24T E, MOBILBOY 261/24T E

- ▶ Two plastic wheels at the rear
- ▶ Front rubber bumper
- ▶ Ideal heat dissipation through aftercooler, resulting in less condensate in the ambient air.

### MOBILBOY 301/50 E

- ▶ Sturdy wheels with solid rubber tyres and a wide wheelbase for comfortable transport even on uneven surfaces and a stable stand
- ▶ Two rubber bumpers at the front
- ▶ Ideal heat dissipation through aftercooler, resulting in less condensate in the ambient air.



MOBILBOY 211/24T E



MOBILBOY 261/24T E



MOBILBOY 301/50 E

only direct container

| Technical data                                 |                   | MOBILBOY<br>211/24T E | MOBILBOY<br>261/24T E | MOBILBOY<br>301/50 E |
|--|-------------------|-----------------------|-----------------------|----------------------|
| Art no.  |                   | 2003721               | 2003728               | 2003731              |
| Compressor system <sup>1)</sup>                |                   | HOS                   | HOS                   | HOS                  |
| Suction capacity approx.                       | l/min             | 188                   | 266                   | 300                  |
| Filling capacity at 6 bar approx.              | l/min             | 95                    | 135                   | 145                  |
| Maximum pressure                               | bar               | 8                     | 10                    | 10                   |
| Tank capacity                                  | l                 | 24                    | 24                    | 50                   |
| Cylinder/stages                                |                   | 1/1                   | 1/1                   | 1/1                  |
| Speed  | min <sup>-1</sup> | 2850                  | 2850                  | 2850                 |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | –                     | 92                    | 93                   |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 72                    | 73                    | 73                   |
| Motor power ~50 Hz                             | kW/V              | 0.9/230               | 1.3 / 230             | 1.3 / 230            |
| Dimensions (L x W x H) approx.                 | mm                | 590 x 280 x 600       | 590 x 280 x 600       | 800 x 360 x 750      |
| Weight approx.                                 | kg                | 22                    | 25                    | 35                   |

### Inrush current limiter for 230 V - with soft start GE start

- ▶ Limits the inrush current and thus prevents the fuse from tripping unintentionally
- ▶ For machines up to 3.5 kW
- ▶ Integrated test function lamp

#### 2 sockets:

- ▶ 1. Socket for switch-on current limiter
- ▶ 2. Socket outlet for function like the household socket outlet
- ▶ Operating voltage: 230 V / ~50 Hz
- ▶ Fully electronic, i.e. no wearable parts such as relays
- ▶ With suitability for capacitor motors

GE launch  
Art. no.: 2509901



### Inrush current limiter MINI 230 VAC

- ▶ With suitability for capacitor motors
- ▶ Fully electronic, therefore no wearable parts such as relays
- ▶ Encapsulated design protected against shocks, vibrations, splash water and moisture
- ▶ Operating voltage 230 Volt / ~50 Hz
- ▶ Suitable for installation by a qualified electrician

MINI 230 VAC  
Art. no.: 2509900



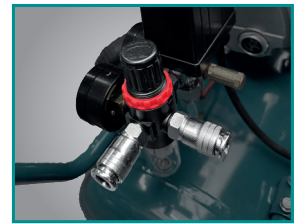
**MOBILBOY 401/50 E, MOBILBOY 401/100 E**

- ▶ Sturdy wheels with solid rubber tyres and a wide wheelbase for comfortable transport even on uneven surfaces and a stable stand
- ▶ Two rubber bumpers at the front
- ▶ Filter pressure regulator for infinitely variable adjustment of the working pressure, with simultaneous dirt, oil and condensate separation
- ▶ Copper pipes equipped with cooling fins

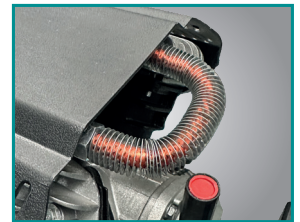
**MOBILBOY 401/50A E, MOBILBOY 401/100A E,**  
**Sturdy wheels with solid rubber tyres and a wide wheelbase for comfortable transport even on uneven surfaces and a stable stand**

- ▶ Two rubber bumpers at the front
- ▶ Filter pressure regulator for infinitely variable adjustment of the working pressure, with simultaneous dirt, oil and condensate separation
- ▶ Copper pipes equipped with cooling fins
- ▶ Aluminium wound electric motor equipped with circular breaker


**MOBILBOY 401/50 E**

**MOBILBOY 401/100E**


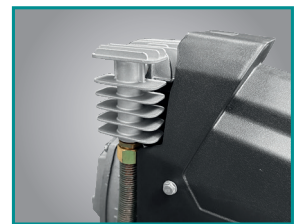
Two compressed air tapping points via one-hand quick-release coupling



Copper pipe equipped with cooling fins



Filter pressure regulator for infinitely variable adjustment of the working pressure, with simultaneous dirt, oil and condensate separation



Ideal heat dissipation through aftercooler, resulting in less condensate in the tank


 Sturdy wheels with **solid rubber tyres** and a wide wheelbase for comfortable transport even on uneven surfaces and a stable stand

only direct container

only direct container

only direct container

| Technical data                                 |                   | MOBILBOY 401/50A E | MOBILBOY 401/50 E | MOBILBOY 401/100A E | MOBILBOY 401/100 E |
|--|-------------------|--------------------|-------------------|---------------------|--------------------|
| Art. no.                                       |                   | 2003743            | 2003741           | 2003746             | 2003745            |
| Compressor system <sup>1)</sup>                |                   | HOS                | HOS               | HOS                 | HOS                |
| Suction capacity approx.                       | l/min             | 400                | 400               | 400                 | 400                |
| Filling capacity at 6 bar approx.              | l/min             | 200                | 200               | 200                 | 200                |
| Maximum pressure                               | bar               | 10                 | 10                | 10                  | 10                 |
| Container contents                             | l                 | 50                 | 50                | 100                 | 100                |
| Cylinder/steps                                 |                   | 2/1                | 2/1               | 2/1                 | 2/1                |
| Speed  | min <sup>-1</sup> | 2850               | 2850              | 2850                | 2850               |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | –                  | 94                | 94                  | –                  |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 74                 | 74                | 74                  | 74                 |
| Motor power ~50 Hz                             | kW/V              | 1.7 / 230          | 1.7 / 230         | 2,4 / 230           | 1.7 / 230          |
| Dimensions (L x W x H) approx.                 | mm                | 800x380x750        | 800 x 380 x 750   | 1020x440x780        | 1020 x 440 x 780   |
| Weight approx.                                 | kg                | 41                 | 42                | 54                  | 55                 |

## COMPACT-AIR OF E – Oil-free, very smooth-running compressors for mobile use in a compact design

- ▶ Extremely quiet thanks to smooth operation
- ▶ Oil-free piston compressor, so no oil change necessary and no oil in the condensate
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ Two one-hand quick-release couplings for compressed air extraction
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ High-quality CONDOR pressure switch
- ▶ Electric motor equipped with motor protection switch
- ▶ Sturdy wheels with solid rubber tyres and a wide wheelbase for comfortable transport even on uneven surfaces and a stable stand
- ▶ Flexible armoured conduit with heat protection
- ▶ Fully automatic on/off operation
- ▶ Rubberised handle to prevent slipping during transport

### COMPACT-AIR 240/20 OF E and 320/24 OF E:

- ▶ Practical integrated hose reel holder
- ▶ A steel frame protects the power unit, switches and fittings from impacts all round



**Authorised monitoring body tested compressor**  
(240/20 OF E / 320/24 OF E)  
Inspection before commissioning, also possible by a qualified person.



COMPACT-AIR SILENCE 231/20 OF E



COMPACT-AIR 241/16 OF E



COMPACT-AIR 240/20 OF E



COMPACT-AIR 320/24 OF E

Shown compressed air hose reel and blow gun not included in the scope of delivery

### DST 8/32 compressed air hose reel

Suitable for:  
Compact-Air 240/20 OF E  
Compact-Air 320/24 OF E



Art no.  
2105832

| Technical data                                 |                   | COMPACT-AIR SILENCE 231/20 OF E | COMPACT-AIR 241/16 OF E | COMPACT-AIR 240/20 OF E | COMPACT-AIR 320/24 OF E |
|--|-------------------|---------------------------------|-------------------------|-------------------------|-------------------------|
| Art no.  |                   | 2005498                         | 2005450                 | 2005490                 | 2005495                 |
| Compressor system <sup>1)</sup>                |                   | WDS                             | WDS                     | WDS                     | WDS                     |
| Suction capacity approx.                       | l/min             | 230                             | 242                     | 240                     | 320                     |
| Filling capacity at 6 bar approx.              | l/min             | 130                             | 120                     | 140                     | 230                     |
| Maximum pressure                               | bar               | 10                              | 10                      | 10                      | 10                      |
| Tank capacity                                  | l                 | 20                              | 16                      | 20                      | 24                      |
| Cylinder/stages                                |                   | 2/1                             | 2/1                     | 2/1                     | 2/1                     |
| Speed  | min <sup>-1</sup> | 1400                            | 2850                    | 1400                    | 1400                    |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 80                              | 84                      | 84                      | 84                      |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 69                              | 64                      | 72                      | 72                      |
| Motor power ~50 Hz                             | kW/V              | 1.3 / 230                       | 1.0 / 230               | 1.1 / 230               | 1.5 / 230               |
| Dimensions (L x W x H) approx.                 | mm                | 460 x 450 x 740                 | 460 x 370 x 650         | 540 x 790 x 1040        | 535 x 785 x 1140        |
| Weight approx.                                 | kg                | 34                              | 23                      | 41.4                    | 54                      |

Description of compressor systems see main catalogue 2) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)

## COMPACT-AIR OF E – Oil-free, very smooth-running compressors for mobile use with upright tank

- ▶ Extremely quiet thanks to smooth operation
- ▶ Oil-free piston compressor, so no oil change necessary and no oil in the condensate
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ Two one-hand quick-release couplings for compressed air extraction
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ High-quality CONDOR pressure switch
- ▶ Electric motor equipped with motor protection switch
- ▶ Sturdy wheels with solid rubber tyres and a wide wheelbase for comfortable transport even on uneven surfaces and a stable stand
- ▶ Flexible armoured conduit with heat protection
- ▶ Fully automatic on/off operation
- ▶ Rubberised handle to prevent slipping during transport
- ▶ A steel frame protects the power unit, switches and fittings from impacts all round



COMPACT-AIR 401/30 OF E  
COMPACT-AIR 401/30A OF E



COMPACT-AIR 240/40 V OF E



COMPACT-AIR 401/50 OF E



COMPACT-AIR 320/90 V OF E

only direct container

only direct container

| Technical data                                 |                   | COMPACT-AIR<br>240/40V OF E | COMPACT-AIR<br>320/90 V OF E | COMPACT-AIR<br>401/30 OF E | COMPACT-AIR<br>401/30A OF E | COMPACT-AIR<br>401/50 OF E |
|--|-------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|----------------------------|
| Art no.  |                   | 2005493                     | 2005499                      | 2005451                    | 2005453                     | 2005452                    |
| Compressor system <sup>1)</sup>                |                   | WDS                         | WDS                          | WDS                        | HOS                         | WDS                        |
| Suction capacity approx.                       | l/min             | 240                         | 320                          | 400                        | 400                         | 400                        |
| Filling capacity at 6 bar approx.              | l/min             | 140                         | 230                          | 200                        | 200                         | 200                        |
| Maximum pressure                               | bar               | 10                          | 10                           | 10                         | 10                          | 10                         |
| Tank capacity                                  | l                 | 40                          | 90                           | 30                         | 30                          | 50                         |
| Cylinder/stages                                |                   | 2/1                         | 2/1                          | 2/1                        | 2/1                         | 2/1                        |
| Speed  | min <sup>-1</sup> | 1400                        | 1400                         | 2850                       | 2850                        | 2850                       |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 84                          | 90                           | 89                         | 89                          | 89                         |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 72                          | 72                           | 69                         | 69                          | 69                         |
| Motor power ~50 Hz                             | kW/V              | 1.1 / 230                   | 1.5 / 230                    | 1.5 / 230                  | 1.5 / 230                   | 1.5 / 230                  |
| Dimensions (L x W x H) approx.                 | mm                | 460x433x930                 | 440 x 415 x 1212             | 420 x 420 x 920            | 420 x 420 x 920             | 420 x 420 x 920            |
| Weight approx.                                 | kg                | 42                          | 61                           | 41.2                       | 41                          | 46                         |

## AIRCAR 440 OF PRO / COMPACT-AIR 440 OF PRO / AIRPROFI OF PRO - Powerful piston compressors with oil-free, direct-coupled V-units

- ▶ Flexible armoured conduit with heat protection prevents vibration breakage
- ▶ Compressed air lines and air tanks with a long service life

### Mobile models:

- ▶ Comfortable, back-friendly transport in an upright position and without lifting
- ▶ Filter pressure regulator for infinitely variable adjustment of the working pressure, with simultaneous dirt, oil and condensate separation

- ▶ One compressed air tapping point each for filtered compressed air, filtered and lubricated compressed air and a direct outlet on the compressed air tank
- ▶ Two one-hand safety couplings
- ▶ High-quality automatic CONDOR pressure switch
- ▶ One pressure gauge each for tank and working pressure

- ▶ Simple condensate drain via ball valve
- ▶ Equipped with operating hours counter for usage-based maintenance
- ▶ 15-year guarantee against rusting through on internally and externally hot-dip galvanised compressed air tanks



**ZÜS (Authorised monitoring body) tested compressor**  
 Only Aircar 440 OF PRO, Compact-Air 440 OF PRO, AIRPROFI 440-50 OF PRO, AIRPROFI 440-100 OF PRO and AIRPROFI 220-50 OF PRO  
 Inspection before commissioning, also possible by a qualified person.



AIRCAR 440 OF PRO



AIRPROFI 220/50 OF PRO



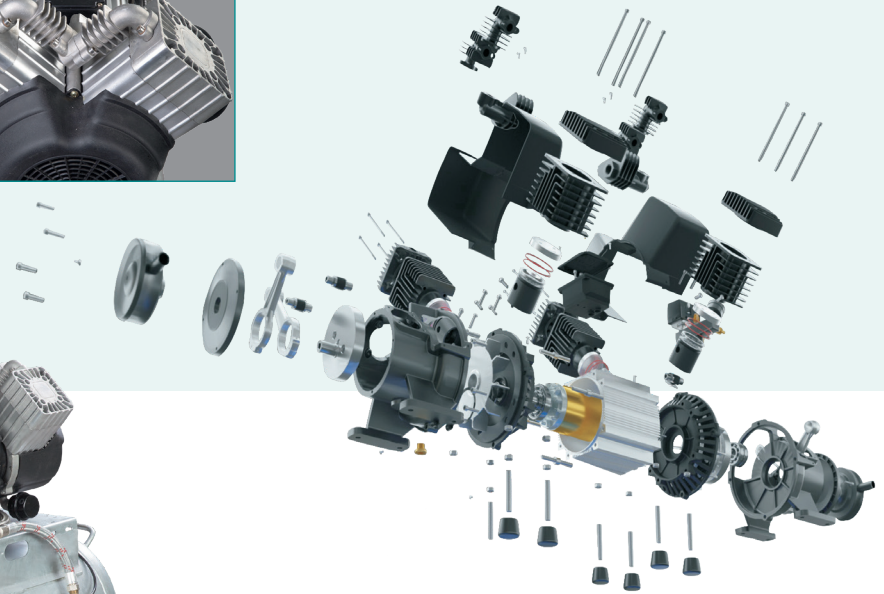
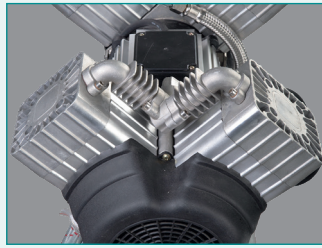
COMPACT-AIR 440 OF PRO



AIRPROFI 440/90 V OF PRO

| Technical data                    |                   | COMPACT-AIR 440 OF PRO | AIRCAR 440 OF PRO | AIRPROFI 220/50 OF PRO | AIRPROFI 440/50 OF PRO | AIRPROFI 440/90 V OF PRO | AIRPROFI 440/100 OF PRO |
|-----------------------------------|-------------------|------------------------|-------------------|------------------------|------------------------|--------------------------|-------------------------|
| Art no.                           |                   | 2015550                | 2015530           | 2015225                | 2015445                | 2015448                  | 2015446                 |
| Compressor system <sup>1)</sup>   |                   | HDS+                   | HDS+              | HDS+                   | HDS+                   | HDS+                     | HDS+                    |
| Suction capacity approx.          | l/min             | 440                    | 440               | 220                    | 440                    | 440                      | 440                     |
| Filling capacity at 6 bar approx. | l/min             | 270                    | 270               | 140                    | 270                    | 270                      | 270                     |
| Maximum pressure                  | bar               | 10                     | 10                | 10                     | 10                     | 10                       | 10                      |
| Tank capacity                     | l                 | 24                     | 2 x 11            | 50                     | 50                     | 90                       | 100                     |
| Cylinder/stages                   |                   | 4/1                    | 4/1               | 2/1                    | 4/1                    | 4/1                      | 4/1                     |
| Speed                             | min <sup>-1</sup> | 1400                   | 1400              | 1400                   | 1400                   | 1400                     | 1400                    |
| Sound pressure level Lp           | dB(A)             | 70                     | 70                | 70                     | 70                     | 70                       | 70                      |
| Motor power ~50 Hz                | kW/V              | 2.2 / 400              | 2.2 / 400         | 2.2 / 230              | 2.2 / 400              | 2.2 / 400                | 2.2 / 400               |
| Dimensions (L x W x H) approx.    | mm                | 800 x 690 x 690        | 800 x 690 x 690   | 1080 x 450 x 860       | 1080 x 450 x 860       | 780 x 600 x 1130         | 1260 x 490 x 970        |
| Weight approx.                    | kg                | 85                     | 85                | 62                     | 78                     | 87                       | 91                      |

- Smooth-running, oil-free coaxial V-unit
- No oil change necessary and no oil in the condensate
- Low speed, therefore long service life
- Large piston, movably mounted, thus significantly more power compared to tilting piston systems
- High-quality coating of cylinder running surfaces and pistons
- A highly efficient fan blows air through the cooling chambers of the cylinder, thereby achieving optimum cooling
- Quality electric motor with high starting torque and motor protection switch
- Container as per AD 2000
- Ready for connection with all fittings



AIRPROFI 440/100 OF PRO



AIRPROFI 600/100 OF PRO



AIRPROFI 980/270/10 OF H PRO

| AIRPROFI 600/100 OF PRO | AIRPROFI 600/200 OF PRO | AIRPROFI 980/270/10 OF V PRO | AIRPROFI 980/270/10 OF H PRO | AIRPROFI 980/500/10 OF H PRO |
|-------------------------|-------------------------|------------------------------|------------------------------|------------------------------|
| 2015606                 | 2015607                 | 2025428                      | 2025430                      | 2025450                      |
| HDS+                    | HDS+                    | HDS+                         | HDS+                         | HDS+                         |
| 510                     | 510                     | 980                          | 980                          | 980                          |
| 300                     | 300                     | 500                          | 500                          | 500                          |
| 10                      | 10                      | 10                           | 10                           | 10                           |
| 100                     | 200                     | 270                          | 270                          | 500                          |
| 4/1                     | 4/1                     | 4/1                          | 4/1                          | 4/1                          |
| 1400                    | 1400                    | 1400                         | 1400                         | 1400                         |
| 75                      | 75                      | 78                           | 78                           | 78                           |
| 3.0 / 400               | 3.0 / 400               | 5.5 / 400                    | 5.5 / 400                    | 5.5 / 400                    |
| 1260 x 490 x 990        | 1120 x 500 x 1030       | 800x610x1725                 | 1140x600x1170                | 1810x600x1160                |
| 94                      | 163                     | 248                          | 208                          | 318                          |

1) See main catalogue for description of compressor systems  
2) Transport surcharge see overleaf

## AIRBOY KITT 90 / AIRBOY 262 E – The handy ones with 10 or 15 bar

- ▶ Quality electric motors with high tightening torque
- ▶ Motor start relief and motor protection switch
- ▶ Fully automatic on/off operation
- ▶ Switches and fittings are optimally protected by the tubular frame
- ▶ Pressure regulator, the desired working pressure can be continuously adjusted
- ▶ One-hand quick coupling

| Technical data                                 |                   | AIRBOY KITT 90  | AIRBOY 262 E    |
|--|-------------------|-----------------|-----------------|
| Art no.  |                   | 2001237         | 2001247         |
| Compressor system <sup>1)</sup>                |                   | <b>HOS</b>      | <b>HOS</b>      |
| Suction capacity approx.                       | l/min             | 85              | 250             |
| Filling capacity at 6 bar approx.              | l/min             | 49              | 155             |
| Maximum pressure                               | bar               | <b>15</b>       | 10              |
| Tank capacity                                  | l                 | 2.4             | 2.4             |
| Cylinder/stages                                |                   | 1/1             | 1/1             |
| Speed  | min <sup>-1</sup> | 1420            | 2850            |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 85              | 97              |
| Sound pressure level L <sub>p</sub>            | dB(A)             | –               | 76              |
| Motor power ~50 Hz                             | kW/V              | 0.6 / 230       | 1.5 / 230       |
| Dimensions (L x W x H) approx.                 | mm                | 510 x 270 x 400 | 555 x 318 x 430 |
| Weight approx.                                 | kg                | 21              | 23              |



AIRBOY 262 E

MADE IN ITALY

AIRBOY KITT 90

## COMPACT-AIR E – Compact universal compressors for occasional assembly work

- ▶ Quality electric motors with high tightening torque and motor starting relief, thus no starting problems
- ▶ Electric motor equipped with motor protection switch
- ▶ Good protection of all parts at risk during transport
- ▶ Rubberised carrying handle
- ▶ Conveniently accessible pressure reducer
- ▶ Pressure switch for automatic on/off operation
- ▶ Aluminium compressed air line

**COMPACT-AIR 361/24 E**  
▶ With high-quality Two-cylinder V-unit with single-stage compression

**COMPACT-AIR 321/24**  
▶ The low speed of 1450 rpm reduces vibrations and guarantees a longer service life  
▶ Copper compressed air line  
▶ water separator

### Equipment

- COMPACT-AIR 265/10E:**
- A one-hand quick-release coupling
- COMPACT-AIR 311/24 E / COMPACT-AIR 361/24 E**
- COMPACT-AIR 321/20:**
- Two one-hand quick-release couplings
  - CONDOR pressure switch

MADE IN ITALY



COMPACT-AIR 265/10 E



COMPACT-AIR 311/24 E



COMPACT-AIR 361/24 E



COMPACT-AIR 321/24

| Technical data                                 |                   | COMPACT-AIR 265/10 E | COMPACT-AIR 311/24 E | COMPACT-AIR 361/24 E | COMPACT-AIR 321/24 |
|--|-------------------|----------------------|----------------------|----------------------|--------------------|
| Art no.  |                   | 2005261              | 2005291              | 2005361              | 2005305            |
| Compressor system <sup>1)</sup>                |                   | <b>HOS</b>           | <b>HOS</b>           | <b>HOS</b>           | <b>HOS</b>         |
| Suction capacity approx.                       | l/min             | 250                  | 284                  | 356                  | 310                |
| Filling capacity at 6 bar approx.              | l/min             | 155                  | 190                  | 215                  | 240                |
| Maximum pressure                               | bar               | 10                   | 10                   | 10                   | 10                 |
| Tank capacity                                  | l                 | 10                   | 24                   | 24                   | 24                 |
| Cylinder/stages                                |                   | 1 / 1                | 1 / 1                | 2 / 1                | 2 / 1              |
| Speed  | min <sup>-1</sup> | 2850                 | 2850                 | 2850                 | 1450               |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 97                   | 97                   | 97                   | 93                 |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 75                   | 75                   | 75                   | 72                 |
| Motor power ~50 Hz                             | kW/V              | 1.5 / 230            | 2.2 / 230            | 2.2 / 230            | 2.2 / 230          |
| Dimensions (L x W x H) approx.                 | mm                | 420 x 350 x 730      | 560 x 445 x 735      | 560 x 445 x 735      | 520 x 500 x 780    |
| Weight approx.                                 | kg                | 24.1                 | 34.5                 | 37.6                 | 36                 |

Inrush current limiter for 230 V with soft start GE-Start

GE launch  
Art. no.:  
2509901



Inrush current limiter MINI 230 VAC

MINI 230 VAC  
Art. no.:  
2509900



For information see page AC 6

## AIRBAU 480/90 B, AIRCAR-BAU 500/20 B PRO and AIRBAU 652/100 B PRO Compressors with combustion engine

- ▶ With 1-cylinder/4-stroke internal combustion engine from Honda for operation independent of the power grid
- ▶ Idle and speed control, thereby adapting to the respective load conditions
- ▶ Particularly suitable for gardening and landscaping, mobile tyre services and breakdown services as well as agriculture and forestry due to its independence from the power grid
- ▶ The high-performance unit made of grey cast iron and the low speed guarantee maximum running smoothness and a long service life
- ▶ **Ten-year warranty on the compressed air tank against rusting through\***

### AIRBAU 480/90 B / AIRBAU 652/100 B PRO

- ▶ Roll bar for lifting with hoists or goods lifts



AIRBAU 480/90 B

### Aircar-BAU 500/20 B PRO -

- All-round protection
- The frame is both a tool tray and all-round protection for all sensitive components
- Optimally protected and transportable with high performance

MADE IN ITALY

10 Jahre Warranty

HONDA inside

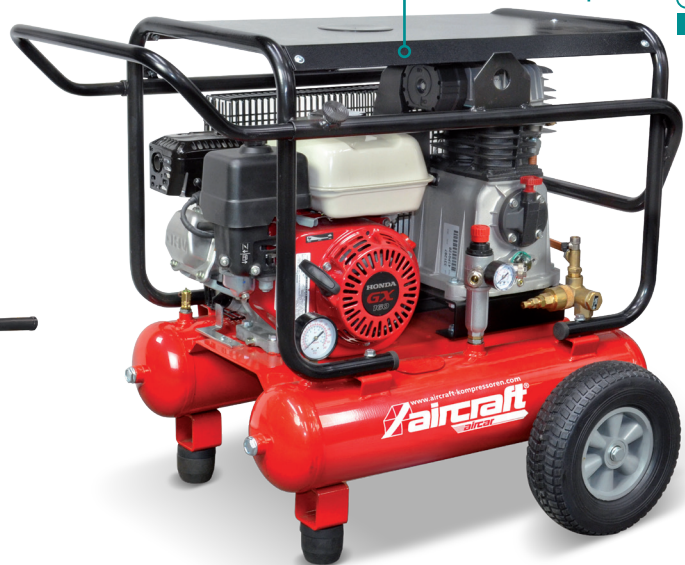
10 Jahre Warranty

MADE IN ITALY

HONDA inside



AIRBAU 652/100 B PRO



AIRCAR-BAU 500/20 B PRO

| Model   |                   | AIRBAU 480/90 B  | AIRCAR-BAU 500/20 B PRO | AIRBAU 652/100 B PRO |
|---|-------------------|------------------|-------------------------|----------------------|
| Art no.   |                   | 2004450          | 2005500                 | 2006530              |
| Compressor system <sup>(1)</sup>                |                   | HOS              | HOS                     | HOS                  |
| Suction capacity approx.                        | l/min             | 480              | 380                     | 642                  |
| Filling capacity at 6 bar approx.               | l/min             | 340              | 290                     | 480                  |
| Maximum pressure                                | bar               | 10               | 10                      | 14                   |
| Tank capacity                                   | l                 | 90               | 20                      | 100                  |
| Cylinder/stages                                 |                   | 2/1              | 2/1                     | 2/2                  |
| Speed   | min <sup>-1</sup> | 1250             | 950                     | 950                  |
| Sound power level L <sub>w</sub> <sup>(2)</sup> | dB(A)             | 94               | 97                      | 99                   |
| Motor power                                     | kW                | 4.1              | 4                       | 5.1                  |
| Motor model designation                         |                   | NRS.212H         | GX 160                  | GX 270               |
| Dimensions (L x W x H) approx.                  | mm                | 1063 x 502 x 953 | 820 x 600 x 860         | 1050 x 500 x 1060    |
| Weight approx.                                  | kg                | 88               | 89                      | 121                  |

1) See main catalogue for description of compressor systems  
2) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)

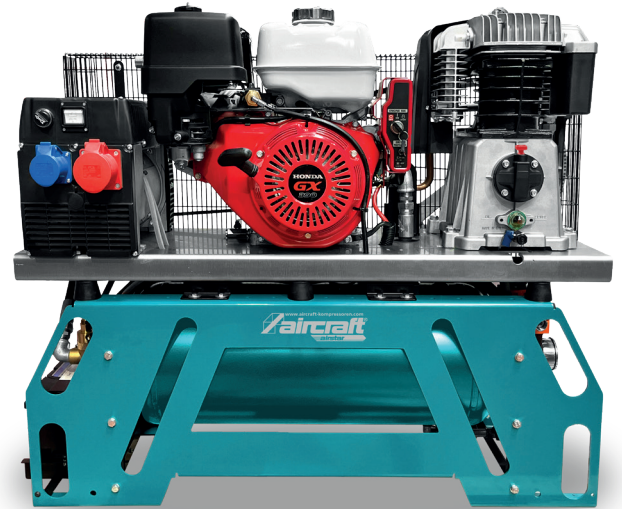
## AIRSTAR 903/50/15 HG - Petrol-driven combination device comprising piston compressor and power generator

- ▶ With generator for three-phase as well as single-phase power supply
- ▶ Reliable and powerful BK 119 compressor delivers a high filling capacity for the use of multiple consumers
- ▶ Energy efficiency: The Honda GX390 engine is renowned for its low oil and fuel consumption, which reduces running costs.

- ▶ Convenient starting with electric starter motor
- ▶ Compressed air tank equipped with safety valve, tank pressure gauge and condensate drain cock
- ▶ Sturdy metal belt guard



| Technical data                                 |                   | AIRSTAR 903/50/15 HG           |
|--|-------------------|--------------------------------|
| Art no.  |                   | 2028725                        |
| Compressor system <sup>1)</sup>                |                   | HOS                            |
| Suction capacity approx.                       | l/min             | 900                            |
| Filling capacity approx.                       | l/min             | 740                            |
| Number of cylinders                            |                   | 2                              |
| Number of compaction stages                    |                   | 2                              |
| Air outlet                                     | "                 | 3 x 1/2                        |
| Maximum pressure                               | bar               | 15                             |
| Tank capacity                                  | l                 | 50                             |
| Nominal voltage                                | V                 | 230 / 400                      |
| Max. Voltage deviation (+/-)                   | %                 | 1.5                            |
| Time-limited output power (apparent power)     | kVA               | 3.5 / 7.0 (230 / 400V)         |
| Time-limited output power (active power)       | kW                | 2.8 / 5.6 (230 / 400V)         |
| Continuous output power (apparent power)       | kVA               | 3.0 / 6.0 (230 / 400V)         |
| Continuous output power (active power)         | kW                | 2.4 / 4.8 (230 / 400V)         |
| Power factor                                   | cos phi           | 0.8                            |
| Socket design                                  |                   | CEE 230V 16A /<br>CEE 400V 16A |
| Sockets protection class                       |                   | IP 44                          |
| Generator protection class                     |                   | IP 23                          |
| Starter motor                                  |                   | E-start                        |
| Fuel tank capacity                             | l                 | 6.1                            |
| Motor  |                   | GX390                          |
| Fuel   |                   | Petrol                         |
| Running time at 50% load                       | h                 | 4.5                            |
| Running time at 100% load                      | h                 | 2.8                            |
| Consumption at 75% load                        | l/h               | 3                              |
| Speed  | min <sup>-1</sup> | 3000                           |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 98                             |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 97                             |
| Max. drive motor power                         | kW                | 8.7                            |
| Dimensions (L x W x H) approx.                 | mm                | 1250 x 600 x 1150              |
| Weight approx.                                 | kg                | 186                            |



AIRSTAR 903/50/15 HG

### Equipment

- Filter for particle size 20 µm
- Pressure regulation 2 - 15 bar
- Compressed air treatment
- Condensate drain
- Drive transmission with V-belt
- 3 air outlets:
  - 1/2" direct air outlet
  - 1/2" filtered and pressure-controlled air outlet
  - 1/2" oiled, filtered and pressurised air outlet

### Accessories

| Accessories                  | Art. no. |
|------------------------------|----------|
| Handle set                   | 2508005  |
| Exhaust pipe                 | 2508006  |
| Oscillating element set      | 2508007  |
| Mounting plate for hose reel | 2508008  |

## AIRSTAR E - Mobile piston compressor with belt drive

- ▶ 2-cylinder high-performance units made of grey cast iron for a long service life
- ▶ Electric motor with motor protection switch
- ▶ 400 volt model with phase inverter
- ▶ Compressed air tank equipped with safety valve, tank pressure gauge and condensate drain valve
- ▶ Belt drive ensures high air output

| Technical data                                 |                   | AIRSTAR 321/50 E | AIRSTAR 401/50 E | AIRSTAR 403/50 E |
|--|-------------------|------------------|------------------|------------------|
| Art no.  |                   | 2008312          | 2009413          | 2009433          |
| Compressor system <sup>1)</sup>                |                   | HOS              | HOS              | HOS              |
| Suction capacity approx.                       | l/min             | 235              | 365              | 365              |
| Filling capacity at 6 bar approx.              | l/min             | 180              | 270              | 270              |
| Maximum pressure                               | bar               | 10               | 10               | 10               |
| Tank capacity                                  | l                 | 50               | 50               | 50               |
| Cylinder/stages                                |                   | 2/1              | 2/1              | 2/1              |
| Speed  | min <sup>-1</sup> | 1040             | 1360             | 1360             |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 92               | 94               | 94               |
| Motor power ~50 Hz                             | kW/V              | 1.5 / 230        | 2.2 / 230        | 2.2 / 400        |
| Dimensions (L x W x H) approx.                 | mm                | 810 x 365 x 710  | 810 x 365 x 710  | 810 x 365 x 710  |
| Weight approx.                                 | kg                | 48.5             | 57.5             | 57.5             |



AIRSTAR 403/50 E



## AIRSTAR – Mobile piston compressors with belt drive and high-quality equipment



- ▶ Two-cylinder high-performance units made of grey cast iron for a long service life
- ▶ Large fan wheel and a cooling air baffle on the cylinder for optimum cooling of the compressor
- ▶ Quality electric motor with high tightening torque
- ▶ Electric motor equipped with motor protection switch
- ▶ Aftercooler with cooling fins ensures a low tank inlet temperature and thus less moisture in the compressed air, which protects the connected compressed air tools
- ▶ Starting capacitor and starting relief valve ensure easy starting for 230 volt Airstar 421/50 model
- ▶ Filter pressure regulator with pressure gauge "Made in Germany" for regulated compressed air cleaned of condensate, dirt and oil
- ▶ Tank pressure gauge "Made in Germany"
- ▶ **10-year warranty on powder-coated containers against rusting through\***
- ▶ **15-year guarantee on galvanised containers against rusting through\***
- ▶ Large ergonomic bow handle
- ▶ Belt drive ensures high air output

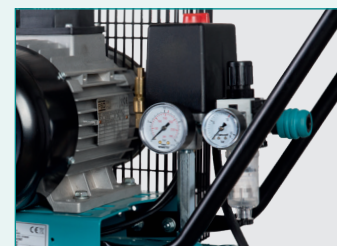
### VZ-SERIES: With galvanized tank



AIRSTAR 421/50



AIRSTAR 603/50 VZ



- The filter pressure regulator allows you to infinitely adjust the working pressure and extract pressurised, filtered compressed air
- Two pressure gauges indicate the tank and working pressure
- Composite safety coupling and high-quality CONDOR pressure switch



- Large fan wheel and a cooling air baffle on the cylinder
- Sturdy metal belt guard



- Large, puncture-proof PU wheels

| Technical data                                 |                   | AIRSTAR<br>421/50  | AIRSTAR<br>423/50  | AIRSTAR<br>603/50  | AIRSTAR<br>603/90  | AIRSTAR<br>703/90 | AIRSTAR<br>863/90 | AIRSTAR<br>863/200 |
|--|-------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|
| Art no.  |                   | 2007410            | 2007430            | 2007630            | 2007631            | 2007731           | 2007831           | 2007832            |
| <b>new</b>                                     |                   | 2007941<br>(50 VZ) | 2007943<br>(50 VZ) | 2007963<br>(50 VZ) | 2007964<br>(50 VZ) |                   |                   |                    |
| Compressor system <sup>1)</sup>                |                   | HOS                | HOS                | HOS                | HOS                | HOS               | HOS               | HOS                |
| Suction capacity approx.                       | l/min             | 365                | 390                | 510                | 510                | 650               | 850               | 850                |
| Filling capacity at 6 bar approx.              | l/min             | 270                | 290                | 400                | 400                | 520               | 680               | 680                |
| Maximum pressure                               | bar               | 10                 | 10                 | 10                 | 10                 | 10                | 10                | 10                 |
| Tank capacity                                  | l                 | 50                 | 50                 | 50                 | 90                 | 90                | 90                | 200                |
| Cylinder/stages                                |                   | 2/1                | 2/1                | 2/1                | 2/1                | 2/2               | 2/2               | 2/2                |
| Speed  | min <sup>-1</sup> | 1360               | 1470               | 1310               | 1310               | 950               | 1240              | 1240               |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 96                 | 96                 | 94                 | 94                 | 93                | 95                | 95                 |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 74                 | 74                 | 77                 | 77                 | 79                | 79                | 79                 |
| Motor power ~50 Hz                             | kW/V              | 2.2 / 230          | 2.2 / 400          | 3 / 400            | 3 / 400            | 4 / 400           | 5.5 / 400         | 5.5 / 400          |
| Dimensions (L x W x H) approx.                 | mm                | 840 x 380 x 780    | 840 x 380 x 780    | 800 x 390 x 800    | 1030 x 440 x 850   | 1010 x 510 x 1100 | 1010 x 510 x 1100 | 1440 x 470 x 1220  |
| Weight approx. (VZ/non VZ)                     | kg                | 60 / 58            | 60 / 58            | 67 / 65            | 75 / 71            | - / 95            | - / 108           | - / 153            |

1) See main catalogue for description of compressor systems  
2) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)

## AIRCLASSIC

### Mobile piston compressors with belt drive

- ▶ Starting capacitor and starting relief valve ensure easy starting
- ▶ Aftercooler with cooling fins ensures a low vessel inlet temperature and thus less moisture in the compressed air
- ▶ Large fan wheel and a cooling air baffle on the cylinder for optimum cooling of the compressor
- ▶ Quality electric motor with high tightening torque
- ▶ Automatic pressure switch
- ▶ Compressed air line made of copper
- ▶ A one-hand quick-release coupling
- ▶ Air/PU foam wheels

- ▶ Electric motor equipped with motor protection switch
- ▶ Compressed air tank equipped with safety valve, tank pressure gauge and condensate drain valve
- ▶ Sturdy metal belt guard

**AirClassic 351/50/10/ AirClassic 451/50/10**

- ▶ two rubber buffers

**AirClassic 351/100/10/ AirClassic 451/200/10**

- ▶ two steering wheels

**AirClassic 503/50/10 / AirClassic 503/100/10**

- ▶ Pressure reducer
- ▶ A one-hand quick coupling
- ▶ Air/PU foam wheel, two rubber bumpers

**AirClassic 503/200/10**

- ▶ Pressure reducer and filter pressure regulator
- ▶ Two one-handed quick couplings, one ball valve
- ▶ two steering wheels



AIRCLASSIC 351/50/10



AIRCLASSIC 351/100/10



AIRCLASSIC 451/200/10



AIRCLASSIC 503/200/10

| Model                               |                   | AIRCLASSIC 351/50/10 | AIRCLASSIC 351/100/10 | AIRCLASSIC 451/50/10 | Airclassic 451/100/10 | AIRCLASSIC 451/200/10 | AIRCLASSIC 503/50/10 | AIRCLASSIC 503/100/10 | AIRCLASSIC 503/200/10 |
|-------------------------------------|-------------------|----------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| Art. no.                            |                   | 2034035              | 2034036               | 2034045              | 2034046               | 2034047               | 2034050              | 2034051               | 2034052               |
| Suction capacity                    | l/min             | 322                  | 322                   | 418                  | 418                   | 418                   | 481                  | 481                   | 481                   |
| Filling capacity at 6 bar approx.   | l/min             | 193                  | 193                   | 250                  | 250                   | 250                   | 288                  | 288                   | 288                   |
| Maximum pressure                    | bar               | 10                   | 10                    | 10                   | 10                    | 10                    | 10                   | 10                    | 10                    |
| Container contents                  | litres            | 50                   | 100                   | 50                   | 100                   | 200                   | 50                   | 100                   | 200                   |
| Cylinder/steps                      |                   | 2 / 1                | 2 / 1                 | 2 / 1                | 2 / 1                 | 2 / 1                 | 2 / 1                | 2 / 1                 | 2 / 1                 |
| Speed                               | min <sup>-1</sup> | 1500                 | 1500                  | 1086                 | 1086                  | 1086                  | 1250                 | 1250                  | 1250                  |
| Motor power ~50 Hz                  | kW/V              | 1.8 / 230            | 1.8 / 230             | 2.2 / 230            | 2.2 / 230             | 2.2 / 230             | 2.3 / 400            | 2.3 / 400             | 2.3 / 400             |
| Sound power level L <sub>WA</sub> * | dB(A)             | 97                   | 97                    | 96                   | 96                    | 96                    | 96                   | 96                    | 96                    |
| Dimensions (L x W x H) approx.      | mm                | 870 x 380 x 700      | 1055 x 440 x 825      | 870 x 380 x 760      | 1055 x 440 x 880      | 1055 x 440 x 880      | 870 x 380 x 760      | 1055 x 440 x 880      | 1405 x 490 x 970      |
| Weight approx.                      | kg                | 55                   | 64                    | 60                   | 66                    | 66                    | 60                   | 66                    | 105                   |

\*Sound power level according to DIN-ISO 3744 (Directive 2000/14/EC)

## AIRCLASSIC TANDEM

### Stationary piston compressor with two units for sufficient air reserve in case of large fluctuations in demand

- ▶ Two two-stage compression 2-cylinder high-performance units
- ▶ Space-saving thanks to two compressor units on one compressed air tank, ideal for applications with limited space, sufficient air supply even with large fluctuations in air demand
- ▶ Units with high-performance oil lubrication system, efficient lubrication with optimum sealing at the same time
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ Compressed air extraction via one-hand quick-release coupling
- ▶ Fully automatic on/off operation via pressure switch
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Electric motor equipped with circuit breaker
- ▶ Powder-coated compressed air tank



AIRCLASSIC TANDEM 823/270/10

| Model                               |                   | AIRCLASSIC TANDEM<br>823/270/10 |
|-------------------------------------|-------------------|---------------------------------|
| Art no.                             |                   | 2034055                         |
| Suction capacity approx.            | l/min             | 836                             |
| Filling capacity at 6 bar approx.   | l/min             | 515                             |
| Maximum pressure                    | bar               | 10                              |
| Container contents                  | litres            | 270                             |
| Cylinder/steps                      |                   | 2/1                             |
| Speed                               | min <sup>-1</sup> | 1086                            |
| Sound power level L <sub>w</sub>    | dB(A)             | 92                              |
| Sound pressure level L <sub>p</sub> | dB(A)             | 73                              |
| Motor power ~50 Hz                  | kW/V              | 2 x 2.2/400                     |
| Dimensions (L x W x H) approx.      | mm                | 1552 x 509 x 1021               |
| Weight approx.                      | kg                | 190                             |

## AIRCLASSIC VC

### Belt-driven mobile craftsman piston compressors

- ▶ Suitable for craftsmen in the workshop and on assembly jobs
- ▶ Units with high-performance oil lubrication system, efficient lubrication with optimum sealing at the same time
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ Compressed air extraction via one-hand quick-release coupling
- ▶ Fully automatic on/off operation via pressure switch
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Electric motor equipped with circuit breaker
- ▶ Powder-coated compressed air tank
- ▶ Pressure reducer
- ▶ Compressed air line made of copper
- ▶ A one-hand quick-release coupling



AIRCLASSIC 401/50/10 VC

AIRCLASSIC 523/100/10 VC  
with three-cylinder W-unit



AIRCLASSIC 523/100/10 VC

| Model                               |                   | AIRCLASSIC<br>401/50/10 VC | AIRCLASSIC<br>403/50/10 VC | AIRCLASSIC<br>401/100/10 VC | AIRCLASSIC<br>523/100/10 VC |
|-------------------------------------|-------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| Art. no.                            |                   | 2035045                    | 2035046                    | 2035047                     | 2035051                     |
| Suction capacity approx.            | l/min             | 284                        | 284                        | 284                         | 501                         |
| Filling capacity at 7 bar approx.   | l/min             | 184                        | 184                        | 184                         | 326                         |
| Maximum pressure                    | bar               | 10                         | 10                         | 10                          | 10                          |
| Container contents                  | litres            | 50                         | 50                         | 100                         | 100                         |
| Cylinder/steps                      |                   | 2 / 1                      | 2 / 1                      | 2 / 1                       | 3 / 1                       |
| Compressor speed                    | min <sup>-1</sup> | 930                        | 930                        | 930                         | 1050                        |
| Motor power ~50 Hz                  | kW / V            | 2.2 / 230                  | 2.2 / 400                  | 2.2 / 230                   | 3 / 400                     |
| Sound power level L <sub>WA</sub> * | dB(A)             | 96                         | 96                         | 96                          | 96                          |
| Dimensions (L x W x H) approx.      | mm                | 910 x 397 x 743            | 910 x 397 x 743            | 910 x 397 x 743             | 1056 x 476 x 893            |
| Weight approx.                      | kg                | 63                         | 63                         | 63                          | 94                          |

## AIRCLASSIC VC

### Stationary belt-driven craftsman's piston compressor

- ▶ Suitable for craftsmen in the workshop
- ▶ Units with high-performance oil lubrication system, efficient lubrication with optimum sealing at the same time
- ▶ Pressure reducer for infinitely variable adjustment of the desired working pressure
- ▶ Compressed air extraction via one-hand quick-release coupling
- ▶ Fully automatic on/off operation via pressure switch
- ▶ One pressure gauge each for displaying the tank and working pressure
- ▶ Electric motor equipped with circuit breaker
- ▶ Powder-coated compressed air tank
- ▶ Compressed air line made of copper
- ▶ A one-hand quick-release coupling

### Two-cylinder V-unit



AIRCLASSIC 623/200/10 VC



AIRCLASSIC 623/270/10 VC



AIRCLASSIC 623/270/10V VC

### Three-cylinder W-unit



AIRCLASSIC 1003/270/10 VC



AIRCLASSIC 1303/500/10 VC



AIRCLASSIC 1003/270/10V VC

| Model                               |                   | AIRCLASSIC<br>623/200/10 VC | AIRCLASSIC<br>623/270/10 VC | AIRCLASSIC<br>623/270/10V VC | AIRCLASSIC<br>1003/270/10 VC | AIRCLASSIC<br>1003/270/10V VC | AIRCLASSIC<br>1303/500/10 VC |
|-------------------------------------|-------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|
| Art. no.                            |                   | 2035062                     | 2035063                     | 2035064                      | 2035103                      | 2035104                       | 2035132                      |
| Suction capacity approx.            | l/min             | 598                         | 598                         | 598                          | 900                          | 900                           | 1269                         |
| Filling capacity at 7 bar approx.   | l/min             | 418                         | 418                         | 418                          | 585                          | 585                           | 888                          |
| Maximum pressure                    | bar               | 10                          | 10                          | 10                           | 10                           | 10                            | 10                           |
| Container contents                  | litres            | 200                         | 270                         | 270                          | 270                          | 270                           | 500                          |
| Cylinder/steps                      |                   | 2 / 1                       | 2 / 1                       | 2 / 1                        | 3 / 1                        | 3 / 1                         | 3 / 1                        |
| Compressor speed                    | min <sup>-1</sup> | 850                         | 850                         | 850                          | 995                          | 995                           | 950                          |
| Motor power ~50 Hz                  | kW                | 4 / 400                     | 4 / 400                     | 4 / 400                      | 5.5 / 400                    | 5.5 / 400                     | 7.5 / 400                    |
| Sound power level L <sub>WA</sub> * | dB(A)             | 96                          | 96                          | 96                           | 97                           | 97                            | 97                           |
| Dimensions (L x W x H) approx.      | mm                | 1391x460x1023               | 1565x460x1049               | 1565x460x1023                | 1565x460x1149                | 1565x460x1149                 | 1860x560x1276                |
| Weight approx.                      | kg                | 168                         | 212                         | 212                          | 222                          | 222                           | 280                          |

\*Sound power level according to DIN-ISO 3744 (Directive 2000/14/EC)

## AIRSTAR – Stationary compressors with belt drive

- ▶ Two-cylinder high-performance unit made of grey cast iron
  - ▶ Fully automatic on/off operation
  - ▶ Toothed drive belts
  - ▶ Quality filter pressure regulator
  - ▶ Automatic CONDOR pressure switch
  - ▶ High-quality safety quick-release coupling
  - ▶ Flexible armoured conduit with heat protection
  - ▶ **10-year warranty on powder-coated containers against rusting through\***
- ▶ Pressure gauge for tank pressure
  - ▶ Ball valve on the tank
  - ▶ Condensate drain valve
  - ▶ Vibration elements


**AIRSTAR 703/270/10 H**

**AIRSTAR 703/270/10 V**

**STATIONARY MODELS OPTIONAL**  
**AS PER AD 2000 OR WITHOUT AD 2000!**

| Technical data                                    |                   | AIRSTAR<br>703/270/10 H | AIRSTAR<br>853/270/10 H | AIRSTAR<br>853/500/10 H | AIRSTAR<br>703/270/10 V | AIRSTAR<br>853/270/10 V |
|---|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Art no. (no AD 2000)                              |                   | 2028751                 | 2028761                 | 2028764                 | 2028750                 | 2028760                 |
| Art no. (as per AD 2000)                          |                   | 2028753                 | 2028763                 | 2028765                 | 2028752                 | 2028762                 |
| Compressor system <sup>1)</sup>                   |                   | HOS                     | HOS                     | HOS                     | HOS                     | HOS                     |
| Suction capacity approx.                          | l/min             | 620                     | 860                     | 860                     | 620                     | 860                     |
| Filling capacity at 6 bar approx.                 | l/min             | 520                     | 720                     | 720                     | 520                     | 720                     |
| Maximum pressure                                  | bar               | 10                      | 10                      | 10                      | 10                      | 10                      |
| Tank capacity                                     | l                 | 270                     | 270                     | 500                     | 270                     | 270                     |
| Cylinder/stages                                   |                   | 2/2                     | 2/2                     | 2/2                     | 2/2                     | 2/2                     |
| Speed   | min <sup>-1</sup> | 920                     | 1250                    | 1250                    | 920                     | 1250                    |
| Sound power level L <sub>w</sub>                  | dB(A)             | 94                      | 95                      | 95                      | 94                      | 95                      |
| Sound pressure level L <sub>p</sub> <sup>3)</sup> | dB(A)             | 79                      | 79                      | 79                      | 79                      | 79                      |
| Motor power ~50 Hz                                | kW/V              | 4 / 400                 | 5.5 / 400               | 5.5 / 400               | 4 / 400                 | 5.5 / 400               |
| Dimensions (L x W x H) approx.                    | mm                | 1510 x 520 x 1110       | 1510 x 520 x 1110       | 1960 x 600 x 1210       | 720 x 720 x 1770        | 720 x 720 x 1770        |
| Weight approx.                                    | kg                | 126                     | 133                     | 210                     | 139                     | 146                     |

## AIRPROFI - Professional equipment of the highest quality!

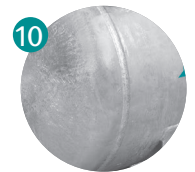
### FACTS THAT IMPRESS IN TERMS OF QUALITY, PERFORMANCE AND PRICE!

- 1 High-quality Condor pressure switch  
Quality electric motor from "Moll-Motor" with high starting torque with motor protection switch
- 2 With phase inverter as standard for 400 volt models
- 3 Ergonomically extended handlebar for comfortable, upright movement
- 4 Control panel with ergonomic, easy-to-read quality maintenance block with working pressure and boiler pressure gauges, filter regulator and oiler as well as two safety quick-release couplings in accordance with DIN EN 983 for unpressurised coupling

**Authorised monitoring body tested compressor**  
(AIRPROFI 401/50 P, AIRPROFI 403/50 P, AIRPROFI 503/50 P, AIRPROFI 503/100 P, AIRPROFI 703/100 P)  
Inspection before commissioning, also possible by a qualified person.

- 5 Third compressed air tapping point with ball valve on the tank
- 6 Three compressed air outlets for filtered compressed air, filtered and lubricated compressed air and a compressed air direct outlet from the boiler
- 7 Toothed quality drive belt for easy starting and improved running smoothness with better power transmission and reduced energy consumption
- 8 Large fan wheel and a cooling air baffle for better cooling
- 9 Sturdy belt guard made from metal mesh for high cooling air flow
- 10 Two-cylinder high-performance unit with aftercooler for low boiler inlet temperature and low speed ensure long service life
- 11 Galvanised container with 15-year guarantee against rusting through\*

- 12 Flexible armoured conduit with heat protection
- 13 Start-up relief valve for easy and unpressurised start-up
- 14 Corrosion-free valve plates
- 15 Stable steering chassis with parking brake, large, puncture-proof wheels for comfortable transport
- 16 With practical transport handle on the container
- 17 Ball valve for easy condensate drainage



- Permanent protection against rust due to hot-dip galvanised container



AIRPROFI 401/50P  
SET incl. SAR 10/15



- Protected, easy-to-read pressure gauges



**new**



SET incl. hose reel SAR 10/15  
(item no. 2105862)  
and mounting material

For details on the hose reel, see page AC 50

| Technical data      | AIRPROFI 401/50 P | AIRPROFI 403/50 P | AIRPROFI 503/50 P | AIRPROFI 503/100 P | AIRPROFI 703/100 P |
|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Art no.             |                   |                   |                   |                    |                    |
| SET incl. SAR 10/15 | 2018410.2SAR      | 2018430.2SAR      | 2018530.2SAR      | 2018531.2SAR       | 2018731.2SAR       |

| Technical data                                 |                   | AIRPROFI 401/50 P | AIRPROFI 403/50 P | AIRPROFI 503/50 P | AIRPROFI 503/100 P | AIRPROFI 703/100 P |
|--|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Art no.  |                   | 2018410.2         | 2018430.2         | 2018530.2         | 2018531.2          | 2018731.2          |
| Compressor system <sup>1)</sup>                |                   | HOS               | HOS               | HOS               | HOS                | HOS                |
| Suction capacity approx.                       | l/min             | 365               | 390               | 510               | 510                | 650                |
| Filling capacity at 6 bar approx.              | l/min             | 266               | 285               | 400               | 400                | 520                |
| Maximum pressure                               | bar               | 10                | 10                | 10                | 10                 | 10                 |
| Tank capacity                                  | l                 | 50                | 50                | 50                | 100                | 100                |
| Cylinder/stages                                |                   | 2/1               | 2/1               | 2/1               | 2/1                | 2/2                |
| Speed  | min <sup>-1</sup> | 1360              | 1470              | 1310              | 1310               | 950                |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 96                | 96                | 95                | 93                 | 93                 |
| Motor power ~50 Hz                             | kW/V              | 2.2 / 230         | 2.2 / 400         | 3 / 400           | 3 / 400            | 4 / 400            |
| Dimensions (L x W x H) approx.                 | mm                | 810 x 430 x 790   | 810 x 430 x 790   | 860 x 440 x 880   | 1275 x 480 x 925   | 1275 x 480 x 1015  |
| Weight approx.                                 | kg                | 56                | 56                | 66                | 76                 | 99                 |

1) Description of compressor systems see main catalogue 2) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)

## AIRPROFI – Mobile professional compressors with two cylinders

- ▶ The high-performance unit and low speed guarantee maximum running smoothness and a long service life
- ▶ The large fan wheel and a cooling air baffle on the cylinder ensure optimum cooling of the compressor
- ▶ Quality electric motor from "Moll-Motor"
- ▶ Electric motor equipped with motor protection switch
- ▶ Easy start-up due to start-up capacitor and start-up relief valve
- ▶ 400 volt models with phase inverter for easy manual reversal of the direction of rotation
- ▶ Toothed drive belt facilitates start-up
- ▶ Fully automatic on/off operation
- ▶ Extended bracket
- ▶ Large, puncture-proof wheels and stable steering chassis with parking brake make transport easy, as the compressor does not need to be lifted when travelling
- ▶ Swivel rollers only for horizontal models
- ▶ **15-year warranty against rusting through on hot-dip galvanised tanks\***
- ▶ Simple condensate drain via ball valve

### Authorised monitoring body tested compressor

AIRPROFI 401/90 V, AIRPROFI 503/90 V, AIRPROFI 853/100 P

Inspection before commissioning, also possible by a qualified person.



### High-performance unit made of grey cast iron

- Aftercooler with large cooling fins for low tank inlet temperature
- Flexible armoured conduit with heat protection against vibration breakage



### High-quality maximum equipment

- Filter pressure regulator for infinitely variable adjustment of the working pressure, with simultaneous dirt, oil and condensate separation
- One compressed air tapping point each for filtered compressed air, filtered and lubricated compressed air and a direct outlet on the compressed air tank
- Two one-hand safety couplings
- High-quality CONDOR pressure switch
- One pressure gauge each for tank and working pressure



AIRPROFI 503/90 V



AIRPROFI 853/200

**NOTE:**  
AIRPROFI 703/100/15 and 703/200/15 are not equipped with control consoles.

| Technical data                                 |                   | AIRPROFI 401/90 V | AIRPROFI 503/90 V | AIRPROFI 703/75/13 P | AIRPROFI 703/100/15 | AIRPROFI 703/200/15 | AIRPROFI 853/100 P | AIRPROFI 853/200 P |
|--|-------------------|-------------------|-------------------|----------------------|---------------------|---------------------|--------------------|--------------------|
| Art no.  |                   | 2018414           | 2018533           | 2018734.2            | 2018735             | 2018737             | 2018831.2          | 2018832.2          |
| Compressor system <sup>1)</sup>                |                   | HOS               | HOS               | HOS                  | HOS                 | HOS                 | HOS                | HOS                |
| Suction capacity approx.                       | l/min             | 365               | 510               | 575                  | 575                 | 575                 | 850                | 850                |
| Filling capacity at 6 bar approx.              | l/min             | 266               | 400               | 460                  | 460                 | 460                 | 680                | 680                |
| Maximum pressure                               | bar               | 10                | 10                | 13                   | 13 (15)             | 13 (15)             | 10                 | 10                 |
| Tank capacity                                  | l                 | 90 l              | 90 l              | 75                   | 100                 | 200                 | 100                | 200 (AD 2000)      |
| Cylinder/stages                                |                   | 2/1               | 2/1               | 2/2                  | 2/2                 | 2/2                 | 2/2                | 2/2                |
| Speed  | min <sup>-1</sup> | 1360              | 1310              | 850                  | 850                 | 850                 | 1240               | 1240               |
| Sound power level L <sub>w</sub> <sup>2)</sup> | dB(A)             | 96                | 95                | 93                   | 94                  | 94                  | 95                 | 95                 |
| Motor power ~50 Hz                             | kW/V              | 2.2 / 230         | 3 / 400           | 4 / 400              | 4 / 400             | 4 / 400             | 5.5 / 400          | 5.5 / 400          |
| Dimensions (L x W x H) approx.                 | mm                | 600 x 600 x 1070  | 600 x 600 x 1070  | 1020 x 440 x 1015    | 1275 x 480 x 1015   | 1190 x 680 x 1150   | 1275 x 480 x 1015  | 1190 x 680 x 1150  |
| Weight approx.                                 | kg                | 66                | 76                | 103                  | 109                 | 139                 | 112                | 139                |

<sup>1)</sup> Description of compressor systems see main catalogue <sup>2)</sup> Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)

## AIRPROFI – Stationary professional compressors with two cylinders



- ▶ The two-stage compression two-cylinder high-performance unit with grey cast iron cylinder block enables a very low engine speed, resulting in particularly smooth and low-vibration running, which guarantees a long service life
- ▶ Intercoolers and aftercoolers with large cooling fins ensure a low boiler inlet temperature and thus reduce condensate formation
- ▶ Flexible armoured conduit with heat protection
- ▶ Container hot-dip galvanised inside and out: **15-year warranty on the tank against rusting through\***
- ▶ Quality electric motor from "Moll-Motor" equipped with motor protection switch
- ▶ Ready for connection with all fittings
- ▶ High-quality Condor pressure switch
- ▶ Star-delta switch with operating hours counter from 7.5 kW models

## AIRPROFI H

- ▶ Start-up relief, oscillating elements
- ▶ From 7.5 kW with automatic star-delta start-up with operating hours counter as standard

10  
bar

15  
bar



AIRPROFI 853/270/10 H



AIRPROFI 853/200/10 H



AIRPROFI 903/500/15 H

| Technical data                    |                   | AIRPROFI<br>853/200/10 H | AIRPROFI<br>703/270/10 H | AIRPROFI<br>703/270/15 H | AIRPROFI<br>853/270/10 H | AIRPROFI<br>853/500/10 H | AIRPROFI<br>753/270/15 H | AIRPROFI<br>903/500/15 H | AIRPROFI<br>1253/500/10 H |
|-----------------------------------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| Art no.                           |                   | 2022284                  | 2025712                  | 2025752                  | 2025812                  | 2025815                  | 2025852                  | 2025955                  | 2026015                   |
| Suction capacity                  | l/min             | 850                      | 650                      | 575                      | 850                      | 850                      | 750                      | 1050                     | 1200                      |
| Filling capacity                  | l/min             | 680                      | 520                      | 460                      | 680                      | 680                      | 525                      | 765                      | 900                       |
| Maximum pressure                  | bar               | 10                       | 10                       | 15                       | 10                       | 10                       | 15                       | 15                       | 10                        |
| Tank capacity (AD 2000)           | l                 | 200                      | 270                      | 270                      | 270                      | 500                      | 270                      | 500                      | 500                       |
| Cylinder/stages                   |                   | 2/2                      | 2/2                      | 2/2                      | 2/2                      | 2/2                      | 2/2                      | 2/2                      | 2/2                       |
| Speed                             | min <sup>-1</sup> | 1240                     | 950                      | 850                      | 1240                     | 1240                     | 785                      | 1160                     | 1220                      |
| Air outlet                        | "                 | 3/4                      | 3/4                      | 3/4                      | 3/4                      | 3/4                      | 3/4                      | 3/4                      | 3/4                       |
| Sound pressure level Lp           | dB(A)             | 83                       | 83                       | 83                       | 83                       | 83                       | 82                       | 82                       | 82                        |
| Motor power ~50 Hz                | kW/V              | 5.5 / 400                | 4 / 400                  | 4 / 400                  | 5.5 / 400                | 5.5 / 400                | 5.5 / 400                | 7.5 / 400                | 7.5 / 400                 |
| Dimensions<br>(L x W x H) approx. | mm                | 1150 x 500 x             | 1190 x 600 x             | 1190 x 600 x             | 1150 x 600 x             | 2020 x 570 x             | 1190 x 600 x             | 2020 x 570 x             | 2020 x 570 x              |
| Weight approx.                    | kg                | 210                      | 122                      | 180                      | 195                      | 215                      | 235                      | 300                      | 245                       |

1) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)



AIRPROFI 853/270/10 V

## AIRPROFI V

- ▶ Vibration elements

10  
bar

15  
bar



AIRPROFI 853/270/10 VK

## AIRPROFI VK

- ▶ Vibration elements
- ▶ fine filter
- ▶ Safety stand pallet
- ▶ Refrigeration dryer

10  
bar

15  
bar



AIRPROFI 753/270/15 VKK

## AIRPROFI VKK

Scope of delivery as for VK models  
and additionally with:

- ▶ Condensate conditioner for oil-water separation
- ▶ Automatic condensate drain

10  
bar

15  
bar

| Technical data                                 |                   | AIRPROFI<br>703/270/10 V                         | AIRPROFI<br>703/270/15 V                         | AIRPROFI<br>753/270/15 V                         | AIRPROFI<br>853/270/10 V                         |
|--|-------------------|--|--|--|--|
| Art no.  |                   | V: 2024712<br>VK: 2024712K<br>KK: 2024712KK      | V: 2024752<br>VK: 2024752K<br>KK: 2024752KK      | V: 2024852<br>VK: 2024852K<br>KK: 2024852KK      | V: 2024812<br>VK: 2024812K<br>KK: 2024812KK      |
| Maximum pressure                               |                   | <b>10 bar</b>                                    | <b>15 bar</b>                                    | <b>15 bar</b>                                    | <b>10 bar</b>                                    |
| Suction capacity                               | l/min             | 650  | 575  | 750  | 850  |
| Filling capacity                               | l/min             | 520  | 460  | 525  | 680  |
| Tank capacity                                  | l                 | 270 l (AD 2000)                                  | 270 l (AD 2000)                                  | 270 l (AD 2000)                                  | 270 l (AD 2000)                                  |
| Cylinder/stages                                |                   | 2/2  | 2/2  | 2/2  | 2/2  |
| Speed  | min <sup>-1</sup> | 950  | 850  | 785  | 1240   |
| Boiler air outlet                              | "                 | 3/4  | 3/4  | 3/4  | 3/4  |
| Refrigeration dryer air outlet                 | "                 | <b>V: -/VK/KK: 3/8</b>                           | -  | -  | <b>V: -/VK/VKK: 1/2</b>                          |
| Sound power level L <sub>w</sub> <sup>1)</sup> | dB(A)             | -  | -  | -  | -  |
| Sound pressure level L <sub>p</sub>            | dB(A)             | 83   | 83   | 83   | 83   |
| Motor power ~50 Hz                             | kW/V              | 4 / 400  | 4 / 400  | 5.5 / 400  | 5.5 / 400  |
| Dimensions (L x W x H)<br>approx.              | mm                | V: 780 x 680 x 1870<br>VK/VKK: 1200 x 680 x 1970 | V: 780 x 680 x 1870<br>VK/VKK: 1200 x 800 x 1970 | V: 780 x 680 x 1870<br>VK/VKK: 1200 x 800 x 1970 | V: 780 x 680 x 1870<br>VK/VKK: 1200 x 800 x 1970 |
| Weight approx.                                 | kg                | <b>V: 152 / VK: 194 / VKK: 197</b>               | <b>V: 152 / VK: 194 / VKK: 197</b>               | <b>V: 152 / VK: 194 / VKK: 204</b>               | <b>V: 152 / VK: 201 / VKK: 204</b>               |



## AIRPROFI DUO – Universally applicable compressed air station with 2 x 100 l or 2 x 75 l compressed air tanks

- ▶ Fully assembled on a safety stand pallet, space-saving and transportable
- ▶ With 13 bar operating pressure on 2 x 75 litre compressed air tanks

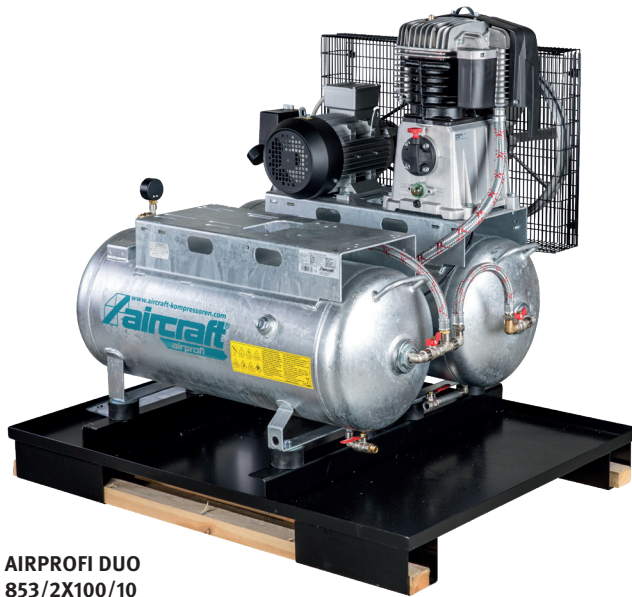
### YOUR ADVANTAGE:

- ▶ Increased flexibility
- ▶ Flexible armoured conduit with heat protection
- ▶ By switching on the second compressed air tank, the boiler volume is doubled, allowing a higher air supply to be built up

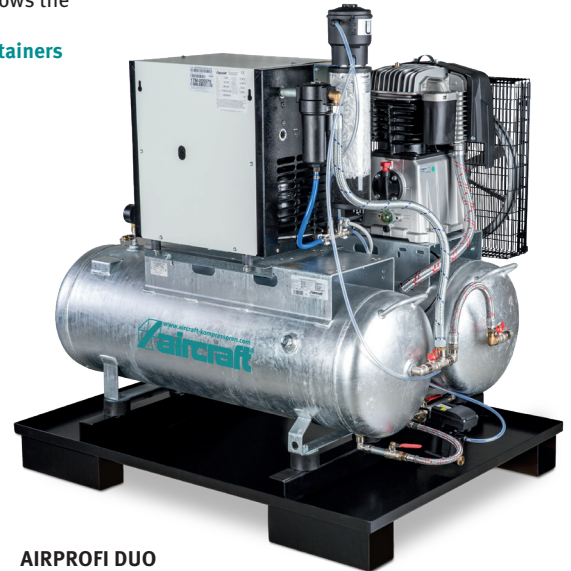
- ▶ Increased air requirements can thus be covered at short notice
- ▶ If a faster pressure build-up is required, e.g. for chiselling, mortising or sandblasting work, the second compressed air tank can be disconnected from the compressed air supply, which halves the tank volume and allows the pressure to build up more quickly
- ▶ **15-year guarantee on galvanised containers against rusting through\***



**Practical TIP:**  
pressure generated over and above this means additional energy consumption of approx. 8% per bar. Generate only slightly more pressure than required!



**AIRPROFI DUO**  
853/2X100/10



**AIRPROFI DUO**  
853/2X100/10 KK

## AIRPROFI BK auxiliary compressor provides additional air capacity at low cost

**Auxiliary compressors are used to...**

- ...when the available air volume is too small.
- ...when peak demand needs to be covered.
- ...when 100% safety must be guaranteed.
- ...when old appliances would require expensive repairs.



**AIRPROFI BK**  
703/13/10

### Scope of delivery DUO:

Start-up relief  
Vibration elements

### Scope of delivery DUO K:

Start-up relief  
Vibration elements  
Safety stand pallet  
Refrigeration dryer  
fine filter

### Scope of delivery DUO KK:

Start-up relief  
Vibration elements  
Safety stand pallet  
Refrigeration dryer  
fine filter  
Condensate conditioner for oil-water separation  
Automatic condensate drain

| Technical data                    |                   | AIRPROFI DUO<br>703/2x100/10         | AIRPROFI DUO<br>853/2x100/10         | AIRPROFI DUO<br>703/2" x 75/13"      | AIRPROFI<br>BK 703/13/10 | AIRPROFI<br>BK 1003/13/10 |
|-----------------------------------|-------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------|---------------------------|
| Art no.                           |                   | 2023072<br>K: 2023073<br>KK: 2023074 | 2023085<br>K: 2023086<br>KK: 2023087 | 2023185<br>K: 2023186<br>KK: 2023187 | 2029711                  | 2029911                   |
| Suction capacity approx.          | l/min             | 650                                  | 850                                  | 575                                  | 650                      | 960                       |
| Filling capacity at 6 bar approx. | l/min             | 520                                  | 680                                  | 460                                  | 520                      | 750                       |
| Maximum pressure                  | bar               | 10                                   | 10                                   | 13                                   | 10                       | 10                        |
| Tank capacity                     | l                 | 2 x 100                              | 2 x 100                              | 2 x 75                               | 13                       | 13                        |
| Cylinder/stages                   |                   | 2/2                                  | 2/2                                  | 2/2                                  | 2/2                      | 2/2                       |
| Speed                             | min <sup>-1</sup> | 950                                  | 1240                                 | 850                                  | 950                      | 1060                      |
| Sound pressure level Lp           | dB(A)             | 83                                   | 83                                   | 79                                   | 83                       | 83                        |
| Motor power ~50 Hz                | kW/V              | 4 / 400                              | 5.5 / 400                            | 4.8 / 400                            | 4 / 400                  | 5.5 / 400                 |
| Dimensions (L x W x H) approx.    | mm                | 1200 x 900 x 1250                    | 1200 x 900 x 1250                    | 1200 x 900 x 1140                    | 880 x 620 x 650          | 880 x 620 x 820           |

## AIRPROFI H – High air output with space-saving 100 or 75 litre tank. Air supply expandable to up to 500 litres via Aircraft boiler batteries



- ▶ Ideal for continuous use in workshops and in the automotive sector
- ▶ Flexible armoured conduit with heat protection prevents vibration breakage
- ▶ Particularly space-saving with 100 or 75 litre container
- ▶ The two-stage compression two-cylinder high-performance unit enables a very low engine speed, resulting in particularly quiet and low-vibration operation
- ▶ Ready for connection with all fittings
- ▶ Container hot-dip galvanised inside and out, **15-year guarantee on galvanised container against rusting through\***
- ▶ Boiler batteries with up to 400 litres of additional air supply
- ▶ By connecting additional compressed air tanks, the boiler volume is increased, allowing a higher air supply to be built up
- ▶ Increased air requirements can thus be covered at short notice
- ▶ If not required, individual compressed air tanks can be disconnected from the compressed air supply via ball valves, which reduces the tank volume accordingly and the pressure is built up more quickly
- ▶ Maximum container capacity in minimum space - the space-saving solution



**AIRPROFI 703/75/13 H**  
Connected via optional flexible armoured hose line to a 2-boiler battery

**KB 2X75/13**  
All boiler batteries:  
▶ Easy to move with the pallet truck  
▶ Also available in 10 bar version with 100 litre tanks

**KB 4X100/10 ACCESSORIES**  
1) Condensate conditioner with supply line,  
2) Automatic steam traps with  
3) flexible lines as supply lines

| Technical data                    |                   | AIRPROFI 703/100/10 H | AIRPROFI 853/100/10 H | AIRPROFI 703/75/13 H |
|-----------------------------------|-------------------|-----------------------|-----------------------|----------------------|
| Art no.                           |                   | 2022273               | 2022283               | 2022275              |
| Suction capacity approx.          | l/min             | 650                   | 850                   | 575                  |
| Filling capacity at 6 bar approx. | l/min             | 520                   | 680                   | 460                  |
| Maximum pressure                  | bar               | 10                    | 10                    | 13                   |
| Tank capacity                     | l                 | 100                   | 100                   | 75                   |
| Cylinder/stages                   |                   | 2/2                   | 2/2                   | 2/2                  |
| Speed                             | min <sup>-1</sup> | 950                   | 1240                  | 850                  |
| Sound pressure level Lp           | dB(A)             | 83                    | 83                    | 79                   |
| Motor power ~50 Hz                | kW/V              | 4 / 400               | 5.5 / 400             | 4 / 400              |
| Dimensions (L x W x H) approx.    | mm                | 1000 x 450 x 990      | 1000 x 450 x 950      | 950 x 480 x 950      |
| Weight approx.                    | kg                | 98                    | 110                   | 103                  |

| Technical data                 |     | 10 bar           | 13 bar           | 10 bar           | 13 bar           |
|--------------------------------|-----|------------------|------------------|------------------|------------------|
|                                |     | KB 2x100/10      | KB 2x75/13       | KB 4x100/10      | KB 4x75/13       |
| Art no.                        |     | 2502102          | 2502132          | 2502104          | 2502134          |
| Number of containers           |     | 2                | 2                | 4                | 4                |
| Tank capacity                  | l   | 2 x 100          | 2 x 75           | 4 x 100          | 4 x 75           |
| Maximum pressure               | bar | 10               | 13               | 10               | 13               |
| Tank connection                | "   | 3/4              | 3/4              | 3/4              | 3/4              |
| Dimensions (L x W x H) approx. | mm  | 420 x 900 x 1510 | 420 x 900 x 1480 | 900 x 900 x 1510 | 900 x 900 x 1480 |

| AMD/WOS1 connection set ex works | Art. no. |
|----------------------------------|----------|
| to KB 2 x 100 / KB 2 x 75        | 2504152  |
| to KB 4 x 100 / KB 4 x 75        | 2504153  |

| BEKOMAT/ÖWAMAT connection set ex works | Art. no. |
|--|----------|
| to KB 2 x 100 / KB 2 x 75              | 2504150  |
| to KB 4 x 100 / KB 4 x 75              | 2504151  |

## AIRSTAR 903/10 Silent - piston compressor in compact and sound-insulated design

- ▶ Very quiet compressor for high operator comfort and minimal noise pollution
- ▶ Suitable for installation even in noise-sensitive areas and in direct working environment
- ▶ Star-delta start-up
- ▶ Three-cylinder high-performance unit with low speed guarantees particularly smooth and low-vibration operation
- ▶ Belt drive of the compressor with efficient energy transmission



| Technical data                      |                   | AIRSTAR 903/10 Silent |
|-------------------------------------|-------------------|-----------------------|
| Art no.                             |                   | 2022200               |
| Suction capacity approx.            | l/min             | 860                   |
| Filling capacity at 6 bar approx.   | l/min             | 520                   |
| Maximum pressure                    | bar               | 10                    |
| Air outlet                          | "                 | 3/4                   |
| Cylinder/stages                     |                   | 3/1                   |
| Speed                               | min <sup>-1</sup> | 995                   |
| Sound pressure level L <sub>p</sub> | dB(A)             | 67                    |
| Motor power ~50 Hz                  | kW/V              | 5.5 / 400             |
| Weight approx.                      | kg                | 255                   |
| Dimensions (L x W x H) approx.      | mm                | 850 x 750 x 1110      |

## AIRPROFI H SILENT – Soundproofed piston compressors with top equipment



- ▶ Extremely quiet due to sound-insulated housing and additional silencer on the intake filter
- ▶ Two-cylinder high-performance unit made of grey cast iron with low speed guarantee particularly quiet and low-vibration operation -> less wear - longer service life
- ▶ High-quality Condor pressure switch
- ▶ Large fan wheel on the compressor and temperature-controlled radial fan on the housing for optimum cooling of the interior
- ▶ Device for easy tensioning of the V-belt
- ▶ Intercooler and aftercooler as well as an additional air duct between motor and compressor reduce condensate formation
- ▶ Glycerine pressure gauge, operating hours counter and fault indicator via LED lights
- ▶ Quality electric motor with motor protection switch and start-up relief
- ▶ Rotating field monitoring
- ▶ Models with compressed air tank: Internally and externally galvanised compressed air tank with 15-year warranty against rusting through



AIRPROFI 703/270/10 H SILENT



AIRPROFI 1003/500/10 H SILENT



AIRPROFI 703/10 SILENT

| Technical data | AIRPROFI 703/10 SILENT | AIRPROFI 853/10 SILENT | AIRPROFI 1003/10 SILENT | AIRPROFI 703/15 SILENT | AIRPROFI 903/15 SILENT |
|----------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| Art no. SILENT | 2022780                | 2022790                | 2022850                 | 2022805                | 2022855                |

### With compressed air tank

Galvanised inside and outside against rusting through

| Technical data   | AIRPROFI 703/270/10 H SILENT | AIRPROFI 853/270/10 H SILENT | AIRPROFI 1003/500/10 H SILENT | AIRPROFI 703/270/15 H SILENT | AIRPROFI 903/500/15 H SILENT |
|------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| Art no. H SILENT | 2022785                      | 2022795                      | 2022860                       | 2022810                      | 2022865                      |

| Technical data AIRPROFI             |                   | 703/10 SILENT     | 703/270/10 H SILENT | 853/270/10 H SILENT     | 1003/500/10 H SILENT | 703/270/15 H SILENT     | 903/500/15 H SILENT     |
|-------------------------------------|-------------------|-------------------|---------------------|-------------------------|----------------------|-------------------------|-------------------------|
| Suction capacity approx.            | l/min             | 674               | 674                 | 840                     | 1080                 | 705                     | 900                     |
| Filling capacity at 6 bar approx.   | l/min             | 550               | 550                 | 670                     | 770                  | 510                     | 735                     |
| Maximum pressure                    | bar               | 10                | 10                  | 10                      | 10                   | 14                      | 14                      |
| Air outlet                          | "                 | 3/4               | 3/4                 | 3/4                     | 3/4"                 | 3/4                     | 3/4                     |
| Cylinder/stages                     |                   | 2/2               | 2/2                 | 2/2                     | 2/2                  | 2/2                     | 2/2                     |
| Speed                               | min <sup>-1</sup> | 920               | 920                 | 1250                    | 1100                 | 1045                    | 920                     |
| Sound pressure level L <sub>p</sub> | dB(A)             | 63                | 63                  | 64                      | 64                   | 64                      | 64                      |
| Motor power ~50 Hz                  | kW/V              | 4 / 400           | 4 / 400             | 5.5 <sup>2)</sup> / 400 | 7.5 / 400            | 5.5 <sup>2)</sup> / 400 | 7.5 <sup>2)</sup> / 400 |
| Dimensions (L x W x H) approx.      | mm                | 1180 x 780 x 1050 | 1180 x 780 x 1050   | 1180 x 780 x 1050       | 1290 x 980 x 1060    | 1200 x 680 x 1470       | 1290 x 980 x 1060       |
| Weight approx.                      | kg                | 167               | 167                 | 174                     | 196                  | 174                     | 196                     |

2) For compressors with a motor output of 5.5 kW, the regulations of the local electricity supplier must be observed

## ASC-D 7.5-10 VS (PM)

### Energy-saving screw compressor with permanent magnet motor

The ASC-D series of screw compressors reliably delivers compressed air while consuming minimal energy. They also score points for being easy to use and maintain, and for their environmentally friendly technology.

#### Modern electric motor

- ▶ Highly efficient energy-saving drive motors in efficiency class IE4
- ▶ Load-dependent motor speed control

#### Service-friendly design

- ▶ Easily removable housing parts ensure easy access to all maintenance parts
- ▶ Clearly arranged components minimise service times

#### Sophisticated design

- ▶ Direct drive ensures a compact design and reliable operation
- ▶ Optimum cooling for more efficient compression
- ▶ Low noise pollution thanks to sound insulation and large fan wheel for smooth and stable operation

#### Operating the compressor

- ▶ Easy handling of all functions via the touch panel

#### Equipment

**ASC-D 7.5-10-500 VS (PM)**

**ASC-D 11-10-500 VS (PM)**

- ▶ 500 litre tank volume
- ▶ Refrigeration dryer: Removes moisture from the compressed air
- ▶ Built-in particle and oil filters
- ▶ Automatic time-controlled condensate drain

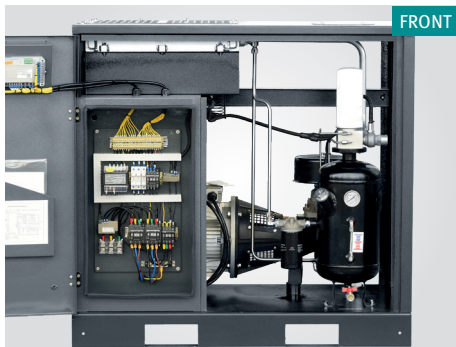


ASC-D 7.5-10 VS (PM)

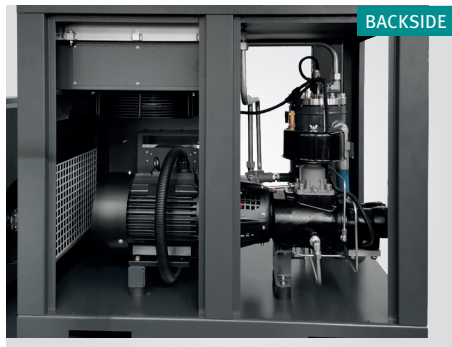


ASC-D 11-10-500 VS (PM)

| Model                          |       | ASC-D 7.5-10 VS (PM) | ASC-D 7.5-10-500 VS (PM) | ASC-D 11-10 VS (PM) | ASC-D 11-10-500 VS (PM) | ASC-D 15-10 VS (PM) | ASC-D 15-10 500 VS (PM) |
|--------------------------------|-------|----------------------|--------------------------|---------------------|-------------------------|---------------------|-------------------------|
| Art no.                        |       | 2079410              | 2079500                  | 2079415             | 2079505                 | 2079420             | 2079510                 |
| Effective delivery quantity    | l/min | 1000                 | 1000                     | 1600                | 1600                    | 1800                | 1800                    |
| Maximum pressure               | bar   | 10                   | 10                       | 10                  | 10                      | 10                  | 10                      |
| Tank capacity                  | l     | -                    | 500                      | -                   | 500                     | -                   | 500                     |
| Sound pressure level Lp*       | dB(A) | 62                   | 62                       | 65                  | 65                      | 65                  | 65                      |
| Motor power ~50 Hz             | kW    | 7.5 / 400            | 7.5 / 400                | 11 / 400            | 11 / 400                | 15 / 400            | 15 / 400                |
| Dimensions (L x W x H) approx. | mm    | 950 x 660 x 1010     | 1900 x 711 x 1730        | 1160 x 780 x 1100   | 1902 x 798 x 1820       | 1160 x 780 x 1100   | 1902 x 798 x 1820       |
| Weight approx.                 | kg    | 230                  | 470                      | 300                 | 570                     | 300                 | 570                     |



FRONT



BACKSIDE

**Service-friendly design**

- › Easily removable housing parts ensure easy access to all maintenance points
- › Clearly arranged components minimise service times and increase operating efficiency



ASC-D 30-10 VS (PM)

| Model                          |       | ASC-D 22-10 VS (PM) | ASC-D 30-10 VS (PM) | ASC-D 37-10 VS (PM) |
|--------------------------------|-------|---------------------|---------------------|---------------------|
| Art no.                        |       | 2079425             | 2079430             | 2079435             |
| Effective delivery quantity    | l/min | 3200                | 4500                | 5400                |
| Maximum pressure               | bar   | 10                  | 10                  | 10                  |
| Tank capacity                  | l     | -                   | -                   | -                   |
| Sound pressure level Lp*       | dB(A) | 68                  | 68                  | 70                  |
| Motor power ~50 Hz             | kW    | 22 / 400            | 30 / 400            | 37 / 400            |
| Dimensions (L x W x H) approx. | mm    | 1350 x 920 x 1150   | 1500 x 1025 x 1230  | 1500 x 1025 x 1230  |
| Weight approx.                 | kg    | 430                 | 600                 | 600                 |

## ACS 3.5-10 - Screw compressor in miniature design

### ACS 3.5-10

- ▶ Controls direct start with charge / idle cycle
- ▶ Permanent monitoring of the direction of rotation - important for changing installation locations
- ▶ Anti-condensation system: Electronic oil temperature control reduces condensation and keeps the oil within the optimum operating temperature range
- ▶ Display of the service interval
- ▶ Automatic on/off mode
- ▶ High-quality CONDOR pressure switch
- ▶ Operating hours counter
- ▶ Programmable standby times
- ▶ Phase inverter on the plug
- ▶ Oil heat exchanger
- ▶ Easily accessible oil drain plug for quick and easy draining of the oil
- ▶ Oil separator cartridge
- ▶ Direct coupling
- ▶ Suitable for continuous operation
- ▶ Protected against splash water in accordance with IP 54
- ▶ With maintenance block and safety couplings
- ▶ Freewheel valve releases excess air during continuous operation

MADE IN ITALY



ACS 3.5-10



### ACS MOBILE

- ▶ 100 l compressed air tank hot-dip galvanised inside and out in accordance with AD 2000
- ▶ 15-year warranty on the tank against rusting through
- ▶ Flexible armoured conduit with heat protection prevents vibration breakages
- ▶ Steering trolley with parking brakes and large, puncture-proof wheels for comfortable transport without lifting
- ▶ Two compressed air tapping points with one-hand safety couplings
- ▶ Filter pressure regulator
- ▶ Mist lubricator



ACS 3.5-10-100



ACS 3.5-10-90 V

### ACS STATIONARY

- ▶ 200 l compressed air tank hot-dip galvanised inside and out in accordance with AD 2000
- ▶ 15-year warranty on the tank against rusting through
- ▶ Flexible armoured conduit with heat protection prevents vibration breakages
- ▶ Mounted 3/8" ball valve for easy drainage



Very quiet

### Refrigeration dryer with integrated automatic condensate drain

- Pressure dew point 5 °C
- Compressed air inlet temperature 35 °C
- Cooling air temperature 25 °C
- Cooling air temperature 25 °C



ACS 3.5-10-200 K

| Accessories                                | Art. no. |
|--|----------|
| 5 litre "High Performance" oil Oil ISO 46" | 2500019  |

| Technical data                 |                   | ACS 3.5-10      | ACS 3.5-10-90 V  | ACS 3.5-10-100    | ACS 3.5-10-200    | ACS 3.5-10-200 K  |
|--------------------------------|-------------------|-----------------|------------------|-------------------|-------------------|-------------------|
| Art no.                        |                   | 2066200.2       | 2066125.2        | 2066120.2         | 2066220.2         | 2066221.2         |
| Effective delivery quantity    | l/min             | 380             | 380              | 380               | 380               | 380               |
| Maximum pressure               | bar               | 10              | 10               | 10                | 10                | 10                |
| Tank capacity                  | l                 | -               | 100              | 100               | 200               | 200               |
| Speed                          | min <sup>-1</sup> | 2880            | 2880             | 2880              | 2880              | 2880              |
| Sound pressure level Lp        | dB(A)             | 65              | 65               | 65                | 65                | 65                |
| Air outlet                     |                   | -               | 1/2" ball valve  | 1/2" ball valve   | 1/2" ball valve   | 3/4" ball valve   |
| Motor power ~50 Hz             | kW/V              | 3.5 / 400       | 3.5 / 400        | 3.5 / 400         | 3.5 / 400         | 3.5 / 400         |
| Dimensions (L x W x H) approx. | mm                | 515 x 425 x 411 | 650 x 620 x 1228 | 1400 x 450 x 1000 | 1180 x 680 x 1090 | 1180 x 680 x 1090 |
| Weight approx.                 | kg                | 44              | 98               | 97                | 122               | 146               |

## ACS DUO – Universally applicable compressed air station with 2x100 l tanks, optionally with refrigeration dryer and pre-filter



### High-quality equipment

- ▶ Flexible armoured conduit with heat protection prevents vibration breakages
- ▶ With all safety features
- ▶ Compressed air tank hot-dip galvanised inside and out, 15-year warranty\* on the tank against rusting through
- ▶ Including practical drip trays

### Flexible use - despite stationary design

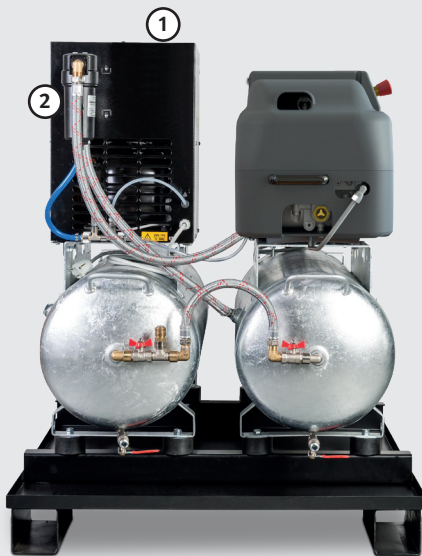
- ▶ Easy to move using a pallet truck
- ▶ Flexible choice of location without conversion

### Increased flexibility

- ▶ By switching on the second compressed air tank, the tank volume is doubled, allowing a higher air supply to be built up
- ▶ Increased air requirements can thus be covered at short notice.

- ▶ The second compressed air tank can be used, for example from the compressed air supply for chiselling or sandblasting work. This halves the tank volume and the pressure is built up more quickly

## DUO K



DUO K additionally equipped with:

1. Refrigeration dryer with integrated automatic condensate drain: Pressure dew point 5 °C, compressed air inlet temperature 35 °C, cooling air temperature 25 °C
2. Fine filter as a pre-filter upstream of the refrigeration dryer for separating condensate and solid contaminants with particles up to 1 µm (compressed air quality to ISO 8573-1)

## DUO KK



DUO KK additionally equipped with:

1. Condensate conditioner for oil-water separation
2. Automatic condensate drain installed at the condensate drain of the compressed air tank, condensate drainage without unnecessary pressure loss

| Technical data                |                   | ACS DUO<br>3.5-10 2 x 100 K | ACS DUO<br>3.5-10 2 x 100 KK |
|-------------------------------|-------------------|-----------------------------|------------------------------|
| Art no.                       |                   | 2066421.2                   | 2066422.2                    |
| Effective delivery quantity   | l/min             | 380                         |                              |
| Maximum pressure              | bar               | 10                          |                              |
| Tank capacity                 | l                 | 2 x 100                     |                              |
| Protection class              |                   | IP 54                       |                              |
| Air outlet                    |                   | A one-hand quick coupling   |                              |
| Speed                         | min <sup>-1</sup> | 2880                        |                              |
| Sound pressure level Lp       | dB(A)             | 65                          |                              |
| Motor power ~50 Hz            | kW/V              | 3.5 / 400                   |                              |
| Dimensions (Lx W x H) approx. | mm                | 1200 x 900 x 1120           | 1200 x 900 x 1250            |
| Weight approx.                | kg                | 200                         | 201                          |

| Equipment                                       | DUO K | DUO KK |
|---|-------|--------|
| Start-up relief                                 | ✓     | ✓      |
| Vibration elements                              | ✓     | ✓      |
| Safety stand pallet                             | ✓     | ✓      |
| Refrigeration dryer                             | ✓     | ✓      |
| fine filter                                     | ✓     | ✓      |
| Condensate conditioner for oil-water separation |       | ✓      |
| Automatic condensate drain                      |       | ✓      |

| Accessories                            | Art. no. |
|--|----------|
| 5 litre "High Performance" oil ISO 46" | 2500019  |

## A-CUBE – Direct-coupled screw compressors for continuous operation. Compact design - also available with integrated refrigeration dryer



- ▶ The entire power of the electric motor is transferred to the compressor with maximum efficiency and operational reliability
- ▶ Designed for continuous operation
- ▶ The machine was not only designed with power consumption in mind, but also maintenance and operating costs as well as ease of installation
- ▶ The A-CUBE K series with integrated refrigeration dryer
- ▶ The entire machine is quiet with a noise level between 63 and 68 dB(A)
- ▶ An axial fan ensures optimum cooling air flow through an oversized heat exchanger. Fan operation is thermostatically controlled by an ETMII controller that monitors the operating temperature of the compressor. All air and oil lines are made of heat-resistant rubber
- ▶ With direction of rotation control as standard
- ▶ With star-delta switch as standard from 5.5 kW
- ▶ The pressure transducer enables the working pressure to be changed directly from the electronic control unit without the need for mechanical intervention.
- ▶ The current pressure and temperature are always displayed on the controller
- ▶ All internal mechanical and service parts are easily accessible for quick and simple routine maintenance
- ▶ With electronic control, direct coupling and oil separator cartridge



EasyTRONIC Micro II electronic control unit



A-CUBE 4.0-10



A-CUBE 5.5-10-270 Z K

SERIES  
**A-CUBE**  
as a single unit  
& refrigeration dryer

SERIES  
**A-CUBE**  
as a single unit

SERIES  
**A-CUBE**  
On galvanised container  
container (AD 2000)

SERIES  
**A-CUBE K**  
On galvanised container  
container (AD 2000)  
with refrigeration dryer

| Technical data        | Art no. | Maximum pressure | Effective delivery quantity | Motor output power ~50 Hz | Sound pressure level Lp | Dimensions (L x W x H) approx. | Connection | Tank capacity | Weight approx. |
|-----------------------|---------|------------------|-----------------------------|---------------------------|-------------------------|--------------------------------|------------|---------------|----------------|
| A-CUBE 7.5-10 K       | 2098605 | 10 bar           | 1,050 l/min                 | 7.5 kW / 400V             | 67 dB(A)                | 650 x 580 x 800 mm             | 1/2"       | –             | 113 kg         |
| A-CUBE 4.0-10         | 2098400 | 10 bar           | 460 l/min                   | 4 kW / 400V               | 63 dB(A)                | 650 x 580 x 800 mm             | 1/2"       | –             | 108 kg         |
| A-CUBE 5.5-10         | 2098500 | 10 bar           | 705 l/min                   | 5.5 kW / 400V             | 68 dB(A)                | 650 x 580 x 800 mm             | 1/2"       | –             | 101 kg         |
| A-CUBE 7.5-10         | 2098600 | 10 bar           | 1,050 l/min                 | 7.5 kW / 400V             | 67 dB(A)                | 650 x 580 x 800 mm             | 1/2"       | –             | 115 kg         |
| A-CUBE 4.0-10-270 Z   | 2098412 | 10 bar           | 460 l/min                   | 4 kW / 400V               | 63 dB(A)                | 1200 x 600 x 1500 mm           | 1/2"       | 270 l         | 185 kg         |
| A-CUBE 5.5-10-270 Z   | 2098512 | 10 bar           | 705 l/min                   | 5.5 kW / 400V             | 68 dB(A)                | 1200 x 600 x 1500 mm           | 1/2"       | 270 l         | 185 kg         |
| A-CUBE 7.5-10-270 Z   | 2098612 | 10 bar           | 1,050 l/min                 | 7.5 kW / 400V             | 67 dB(A)                | 1200 x 600 x 1500 mm           | 1/2"       | 270 l         | 197 kg         |
| A-CUBE 5.5-10-270 Z K | 2098517 | 10 bar           | 705 l/min                   | 5.5 kW / 400V             | 68 dB(A)                | 1200 x 600 x 1500 mm           | 1/2"       | 270 l         | 206 kg         |
| A-CUBE 7.5-10-270 Z K | 2098617 | 10 bar           | 1,050 l/min                 | 7.5 kW / 400V             | 67 dB(A)                | 1200 x 600 x 1500 mm           | 1/2"       | 270 l         | 211 kg         |

## A-MICRO SE –

**Screw compressors with ribbed belt drive in sound-insulated housing. For continuous operation even with low air requirements**



Very quiet



Warranty

- ▶ Space-saving single compressor with ribbed belt drive
- ▶ Start-stop operation via pressure switch, thus saving energy compared to idle control
- ▶ Particularly suitable for companies that have a continuous air requirement but need a compact device with a reduced noise level and low operating costs

- ▶ Effective cooling guarantees operational safety and good air quality
- ▶ With thermal motor protection, oil temperature monitoring (max. 110°C) and operating hours counter as standard, ensuring high operational reliability
- ▶ **15-year warranty on the tank against rusting through\***

### Increased flexibility thanks to "DUO" container

- ▶ By switching on the second compressed air tank, the tank volume is doubled, allowing a higher air supply to be built up
- ▶ Increased air requirements can thus be covered at short notice



A-MICRO



A-MICRO SE 4.0-10-200 K



### A-MICRO

- ▶ Easy to service thanks to optimum accessibility and simple disassembly and assembly of all important components

### A-MICRO SE 4.0-10-200 K

- ▶ On 200 litre compressed air tank (AD 2000)
- ▶ Durable protection against rust thanks to hot-dip galvanisation of the container - 15-year warranty against rusting through\*
- ▶ With attached refrigeration dryer

#### SERIES

### A-MICRO

Screw compressor as single unit

#### SERIES

### A-MICRO-200

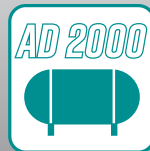
Screw compressor on compressed air tank



#### SERIES

### A-MICRO-200-K

Screw compressor on compressed air tank + refrigeration dryer



#### SERIES

### A-DUO-MICRO

on 2x100l container on safety stand pallet

#### SERIES

### A-DUO-MICRO-K

like model DUO and additionally with attached refrigeration dryer

#### SERIES

### A-DUO-MICRO-KK

as model DUO K and additionally with fine filter, condensate conditioner for oil-water separation, automatic condensate drain

| Technical data                   | Art no. | Maximum pressure | Effective delivery quantity | Motor power ~50 Hz | Sound pressure level Lp | Dimensions (L x B x H) ca. | Connection | Tank capacity   | Weight approx. |
|----------------------------------|---------|------------------|-----------------------------|--------------------|-------------------------|----------------------------|------------|-----------------|----------------|
| A-MICRO SE 4.0-10                | 2091604 | 10 bar           | 485 l/min                   | 4 kW / 400 V       | 60 dB(A)                | 580 x 480 x 760            | 1/2"       | –               | 93 kg          |
| A-MICRO SE 4.0-10-200            | 2091614 | 10 bar           | 485 l/min                   | 4 kW / 400 V       | 60 dB(A)                | 1440 x 510 x 1280 mm       | 1/2"       | 200 l (AD 2000) | 150 kg         |
| A-MICRO SE 4.0-10-200 K          | 2091654 | 10 bar           | 485 l/min                   | 4 kW / 400 V       | 61 dB(A)                | 1440 x 510 x 1280 mm       | 1/2"       | 200 l (AD 2000) | 180 kg         |
| A-DUO-MICRO SE 4.0-08 2 x 100    | 2091622 | 8 bar            | 580 l/min                   | 4 kW / 400 V       | 61 dB(A)                | 1250 x 950 x 1430 mm       | 1/2"       | 2 x 100 l       | 198 kg         |
| A-DUO-MICRO SE 4.0-10 2 x 100    | 2091624 | 10 bar           | 485 l/min                   | 4 kW / 400 V       | 61 dB(A)                | 1250 x 950 x 1430 mm       | 1/2"       | 2 x 100 l       | 198 kg         |
| A-DUO-MICRO SE 4.0-08 2 x 100 K  | 2091662 | 8 bar            | 580 l/min                   | 4 kW / 400 V       | 61 dB(A)                | 1250 x 950 x 1430 mm       | 1/2"       | 2 x 100 l       | 221 kg         |
| A-DUO-MICRO SE 4.0-10 2 x 100 K  | 2091664 | 10 bar           | 485 l/min                   | 4 kW / 400 V       | 61 dB(A)                | 1250 x 950 x 1430 mm       | 1/2"       | 2 x 100 l       | 221 kg         |
| A-DUO-MICRO SE 4.0-08 2 x 100 KK | 2091682 | 8 bar            | 580 l/min                   | 4 kW / 400 V       | 61 dB(A)                | 1250 x 950 x 1430 mm       | 1/2"       | 2 x 100 l       | 228 kg         |
| A-DUO-MICRO SE 4.0-10 2 x 100 KK | 2091684 | 10 bar           | 485 l/min                   | 4 kW / 400 V       | 61 dB(A)                | 1250 x 950 x 1430 mm       | 1/2"       | 2 x 100 l       | 228 kg         |

## A-PLUS – Screw compressors with ribbed belt drive for high air output

- ▶ With EasyTRONIC MICRO II electronic control unit with pressure sensor operation as standard, thus preventing motor overload, reducing wear and extending service life
- ▶ With star-delta switch
- ▶ High cooling effect and low noise level thanks to thermostatically controlled centrifugal fan
- ▶ Operating hours counter records load and overrun times, ensuring that maintenance intervals are adhered to - Display of maintenance requirements via automatic message
- ▶ Checking the direction of rotation of the motor prevents possible damage during commissioning or after a change of location
- ▶ With aftercooler as standard
- ▶ Screw compressor with wear-resistant poly V ribbed belt drive and slide tensioning system
- ▶ Easy maintenance thanks to easily accessible elements
- ▶ Optimum operating temperatures thanks to thermostatically controlled fan

- ▶ Permanent protection against rust due to hot-dip galvanising of the container
- ▶ 15-year warranty on the tank against rusting through\*



EasyTRONIC MICRO II (ETM II)

- ▶ The intelligent control, regulation and monitoring system



A-PLUS 11-10

- ▶ Easy to service thanks to optimum accessibility and simple disassembly and assembly of all important components



A-PLUS 11-10-500



A-PLUS 11-10-500 K

SERIES  
**A-PLUS**  
Single system

SERIES  
**A-PLUS 500**  
500 litre compressed air tank  
according to AD 2000

SERIES  
**PLUS 500 K**  
500 litre compressed air tank according  
to AD 2000  
Refrigeration dryer

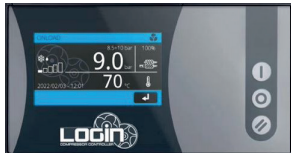
| Technical data     | Art no. | Maximum pressure | Effective delivery quantity | Motor output power ~50 Hz | Sound pressure level Lp | Dimensions W x D x H (mm) approx. | connection | Tank capacity | Weight approx. |
|--------------------|---------|------------------|-----------------------------|---------------------------|-------------------------|-----------------------------------|------------|---------------|----------------|
| A-PLUS 11-10       | 2092404 | 10 bar           | 1,500 l/min                 | 11 kW/ 400 V              | 69 dB(A)                | 800 x 650 x 980                   | 3/4"       | –             | 210 kg         |
| A-PLUS 15-10       | 2092604 | 10 bar           | 1,850 l/min                 | 15 kW/ 400 V              | 70 dB(A)                | 800 x 650 x 980                   | 3/4"       | –             | 220 kg         |
| A-PLUS 11-10-500   | 2092434 | 10 bar           | 1,500 l/min                 | 11 kW/ 400 V              | 69 dB(A)                | 1980 x 700 x 1630                 | 1"         | 500 l         | 322 kg         |
| A-PLUS 15-10-500   | 2092634 | 10 bar           | 1,850 l/min                 | 15 kW/ 400 V              | 70 dB(A)                | 1980 x 700 x 1630                 | 1"         | 500 l         | 357 kg         |
| A-PLUS 11-10-500 K | 2092474 | 10 bar           | 1,500 l/min                 | 11 kW/ 400 V              | 69 dB(A)                | 1980 x 700 x 1630                 | 1"         | 500 l         | 395 kg         |
| A-PLUS 15-10-500 K | 2092674 | 10 bar           | 1,850 l/min                 | 15 kW/ 400 V              | 70 dB(A)                | 1980 x 700 x 1630                 | 1"         | 500 l         | 436 kg         |

## A-K-MAX –

### Modern screw compressors with constant speed and innovative LOGIN control

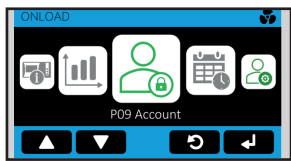


- ▶ Innovative LOGIN control unit with 4.3" touchscreen for easy operation and complete control of all functions
- ▶ Connection of up to eight compressors possible, whether with constant or variable speed
- ▶ All information on the current operating status at a glance
- ▶ Rotation direction control for the motor, prevents damage during commissioning or after a change of location
- ▶ Low noise emission (only max. 67 dB) during operation due to extremely low speed of the screw compressor and use of a low-noise centrifugal fan
- ▶ Optimum operating temperature and low fluctuation in oil temperature thanks to thermostatically controlled centrifugal fan, optimum cooling air flow and generously dimensioned heat exchanger
- ▶ Aftercooler reduces the effort for drying and filtering the compressed air produced
- ▶ With star-delta connection as standard
- ▶ Easy to service: simple removal and installation of all components requiring maintenance



#### LOGIN control

- Powerful and flexible programming
- Developed for Industry 4.0



#### Simple operation

- User-friendly navigation through the menu with tiles



- Low-noise radial fan
- Oil-air combined heat exchanger



K-MAX 5.5-10

**A-K-MAX**  
Stand alone



K-MAX 7.5-10-270 ES (IE3)

- With integrated refrigeration dryer on 270 litre compressed air tank
- Permanent protection against rust thanks to hot-dip galvanising of the boiler

SERIES  
**A-K-MAX-270**  
AD 2000  
Compressed air tank

SERIES  
**A-K-MAX-270**  
AD 2000  
Compressed air tank & refrigeration dryer

| Type                       | Art no.   | Maximum pressure | Effective delivery quantity | Motor output power ~50 Hz | Sound pressure level Lp | Dimensions (L x W x H) approx. | Connec-tion: | Tank capacity | Weight approx. |
|----------------------------|-----------|------------------|-----------------------------|---------------------------|-------------------------|--------------------------------|--------------|---------------|----------------|
| <b>Series A-K-MAX</b>      |           |                  |                             |                           |                         |                                |              |               |                |
| A-K-MAX 5.5-10 (IE3)       | 2095204.2 | 10 bar           | 705 l/min                   | 5.5 kW / 400 V            | 62 dB(A)                | 830 x 680 x 850 mm             | 1/2"         | –             | 162 kg         |
| A-K-MAX 7.5-10 (IE3)       | 2095404.2 | 10 bar           | 1,050 l/min                 | 7.5 kW / 400 V            | 62 dB(A)                | 830 x 680 x 850 mm             | 1/2"         | –             | 165 kg         |
| A-K-MAX 7.5-13 (IE3)       | 2095406.2 | 13 bar           | 705 l/min                   | 7.5 kW / 400 V            | 62 dB(A)                | 830 x 680 x 850 mm             | 1/2"         | –             | 165 kg         |
| A-K-MAX 11-10 (IE3)        | 2095604.2 | 10 bar           | 1550 l/min                  | 11 kW / 400 V             | 67 dB(A)                | 1030 x 730 x 1000 mm           | 3/4"         | –             | 238 kg         |
| A-K-MAX 11-13 (IE3)        | 2095606.2 | 13 bar           | 1200 l/min                  | 11 kW / 400 V             | 67 dB(A)                | 1030 x 730 x 1000 mm           | 3/4"         | –             | 238 kg         |
| A-K-MAX 15-13 (IE3)        | 2095806.2 | 13 bar           | 1550 l/min                  | 15 kW / 400 V             | 67 dB(A)                | 1030 x 730 x 1000 mm           | 3/4"         | –             | 248 kg         |
| A-K-MAX 5.5-10-270 (IE3)   | 2095224.2 | 10 bar           | 705 l/min                   | 5.5 kW / 400 V            | 62 dB(A)                | 1200 x 680 x 1540 mm           | 1/2"         | 270 l         | 239 kg         |
| A-K-MAX 7.5-10-270 (IE3)   | 2095424.2 | 10 bar           | 1,050 l/min                 | 7.5 kW / 400 V            | 62 dB(A)                | 1200 x 680 x 1540 mm           | 1/2"         | 270 l         | 242 kg         |
| A-K-MAX 5.5-10-270ES (IE3) | 2095264.2 | 10 bar           | 705 l/min                   | 5.5 kW / 400 V            | 62 dB(A)                | 1200 x 680 x 1540 mm           | 1/2"         | 270 l         | 280 kg         |
| A-K-MAX 7.5-10-270ES (IE3) | 2095464.2 | 10 bar           | 1,050 l/min                 | 7.5 kW / 400 V            | 62 dB(A)                | 1200 x 680 x 1540 mm           | 1/2"         | 270 l         | 330 kg         |

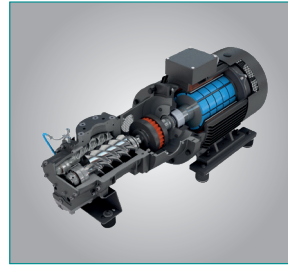
## A-K-MAX – Modern screw compressors with variable speed control and innovative LOGIN control system



Very quiet

### Energy saving through frequency control

- ▶ Ideal for frequently changing compressed air consumption
- ▶ Delivery volume of the compressor adapts to the actual consumption
- ▶ Electronic control system monitors the motor and compressor speed and keeps the mains pressure constant even when consumption fluctuates greatly



- Larger models with highly efficient permanent magnet motor on request!



- Speed-controlled models with state-of-the-art inverter technology
- Low-noise radial fan
- Oil-air combined heat exchanger



K-MAX 7.5-08 VS (IE3)



K-MAX 7.5-08-270 ES VS (IE3)

- With integrated refrigeration dryer on 270 litre compressed air tank
- Permanent protection against rust thanks to hot-dip galvanising of the boiler

**A-K-MAX VS**  
Stand alone

SERIES  
**A-K-MAX-270VS**  
AD 2000  
Compressed air tank

SERIES  
**A-K-MAX-270VS**  
AD 2000  
Compressed air tank  
& refrigeration dryer

| Type                           | Art no.   | Maximum pressure | Effective delivery quantity | Motor power ~50 Hz | Sound pressure level Lp | Dimensions (L x W x H) approx. (mm) | Connection | Tank capacity | Weight approx. |
|--------------------------------|-----------|------------------|-----------------------------|--------------------|-------------------------|-------------------------------------|------------|---------------|----------------|
| <b>Series A-K-MAX</b>          |           |                  |                             |                    |                         |                                     |            |               |                |
| A-K-MAX 7.5-08 VS (IE3)        | 2095502.2 | 8 bar            | 600 – 1300 l/min            | 7.5 kW / 400 V     | 63 dB(A)                | 830 x 680 x 850                     | 1/2"       | –             | 172 kg         |
| A-K-MAX 7.5-10 VS (IE3)        | 2095504.2 | 10 bar           | 500 – 1100 l/min            | 7.5 kW / 400 V     | 63 dB(A)                | 830 x 680 x 850                     | 1/2"       | –             | 172 kg         |
| A-K-MAX 11-08 VS (IE3)         | 2095702.2 | 8 bar            | 680 – 1700 l/min            | 11 kW / 400 V      | 67 dB(A)                | 830 x 680 x 850                     | 3/4"       | –             | 246 kg         |
| A-K-MAX 11-10 VS (IE3)         | 2095704.2 | 10 bar           | 620 – 1580 l/min            | 11 kW / 400 V      | 67 dB(A)                | 1030 x 730 x 1000                   | 3/4"       | –             | 246 kg         |
| A-K-MAX 15-08 VS (IE3)         | 2095902.2 | 8 bar            | 950 – 2500 l/min            | 15 kW / 400 V      | 67 dB(A)                | 1030 x 730 x 1000                   | 3/4"       | –             | 263 kg         |
| A-K-MAX 15-10 VS (IE3)         | 2095904.2 | 10 bar           | 840 – 2100 l/min            | 15 kW / 400 V      | 67 dB(A)                | 1030 x 730 x 1000                   | 3/4"       | –             | 263 kg         |
| A-K-MAX 7.5-08-270 VS (IE3)    | 2095522.2 | 8 bar            | 600 – 1300 l/min            | 7.5 kW / 400 V     | 63 dB(A)                | 1200 x 680 x 1540                   | 1/2"       | 270 l         | 250 kg         |
| A-K-MAX 7.5-10-270 VS (IE3)    | 2095524.2 | 10 bar           | 500 – 1100 l/min            | 7.5 kW / 400 V     | 63 dB(A)                | 1200 x 680 x 1540                   | 1/2"       | 270 l         | 250 kg         |
| A-K-MAX 7.5-08-270 ES VS (IE3) | 2095562.2 | 8 bar            | 600 – 1300 l/min            | 7.5 kW / 400 V     | 63 dB(A)                | 1200 x 680 x 1540                   | 1/2"       | 270 l         | 290 kg         |
| A-K-MAX 7.5-10-270 ES VS (IE3) | 2095564.2 | 10 bar           | 500 – 1100 l/min            | 7.5 kW / 400 V     | 63 dB(A)                | 1200 x 680 x 1540                   | 1/2"       | 270 l         | 290 kg         |

## Screw compressor ASC-D VS (PM) - Energy-efficient screw compressor for laser cutting systems with permanent magnet motor and 16 bar

▶ The ASC-D series of screw compressors reliably delivers compressed air while consuming minimal energy. They also score points for being easy to use and maintain, and for their environmentally friendly technology.

### Modern electric motor

- ▶ Highly efficient energy-saving drive motors in efficiency class IE4
- ▶ Load-dependent motor speed control

### Service-friendly design

- ▶ Easily removable housing parts ensure easy access to all maintenance points
- ▶ Clearly arranged components minimise service times and increase operating efficiency

### Compact design

- ▶ Direct drive ensures a compact design and reliable operation
- ▶ Optimum cooling for more efficient compression
- ▶ Low noise pollution thanks to sound insulation and large fan wheel for smooth and stable operation

### Operating the compressor

- ▶ Easy handling of all functions via the touch panel
- ▶ Modular concept with up to 8 systems
- ▶ RS 485 interface

### Equipment

- ▶ 500 litre tank volume
- ▶ Refrigeration dryer: Removes moisture from the compressed air
- ▶ Built-in filters
- ▶ Automatic time-controlled condensate drain

### Models for laser cutting systems with 16 bar

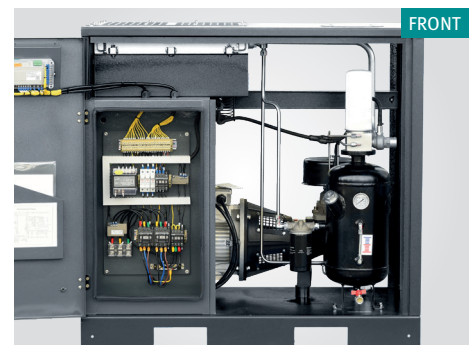
ASC-D 15-16-500 VS (PM)

ASC-D 22-16-500 VS (PM)

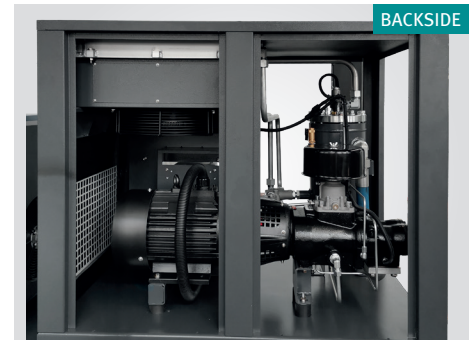
- ▶ Including filter components for filter class 1-4-1 according to ISO 8573-1



ASC-D 22-16-500 VS (PM)



FRONT



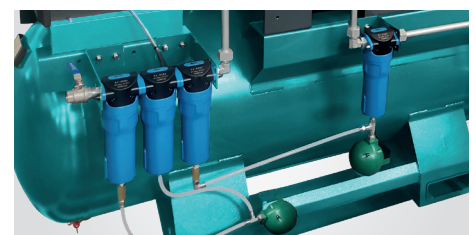
BACKSIDE

**ASK FOR YOUR INDIVIDUAL OFFER!**

| Technical data                      |                   | ASC-D 15-16-500 VS (PM) | ASC-D 22-16-500 VS (PM) |
|-------------------------------------|-------------------|-------------------------|-------------------------|
| Art. no.                            |                   | 2079550                 | 2079555                 |
| Effective delivery quantity approx. | l/min             | 1300                    | 1900                    |
| Maximum pressure                    | bar               | 16                      | 16                      |
| Tank capacity                       | l                 | 500                     | 500                     |
| Air outlet                          | inch              | 1                       | 1                       |
| Sound pressure level Lp             | dB(A)             | 70                      | 72                      |
| Motor output power ~50 Hz           | V/ kW             | 15/400                  | 22/400                  |
| Drive motor protection class        |                   | IP54                    | IP54                    |
| Motor efficiency class              |                   | IE4                     | IE4                     |
| Electric motor speed                | min <sup>-1</sup> | 2300                    | 3400                    |
| Total power consumption             | A                 | 25.3                    | 37                      |
| Dimensions (L x W x H) approx.      | mm                | 1900 x 940 x 1710       | 1980 x 1,040 x 1880     |
| Weight (net) approx.                | kg                | 690                     | 720                     |

### Service-friendly design

- ▶ Easily removable housing parts ensure easy access to all maintenance points
- ▶ Clearly arranged components minimise service times and increase operating efficiency



### Filter battery

- ▶ Compressed air quality class 1-4-1 according to ISO 8573-1

# PIPE COMPONENTS Ø 15 - 32 MM

| Pipe OD   | Art. no. | PU |
|---|----------|----|
| <b>Screw-in connector (parallel thread) up to 10 bar<sup>1)</sup></b> |          |    |
| 15 1/2" external thread   | 2151514  | 10 |
| 18 1/2" external thread   | 2151814  | 10 |
| 22 3/4" external thread   | 2152216  | 10 |
| 28 1" external thread   | 2152818  | 10 |
| 32 1" external thread   | 2153232  | 10 |
| 32 1 1/2" external thread   | 2153233  | 10 |



| Thread sealing through chambered "O" ring           |         |    |
|---|---------|----|
| <b>Straight connector up to 10 bar<sup>1)</sup></b> |         |    |
| 15  | 2150415 | 10 |
| 18  | 2150418 | 10 |
| 22  | 2150422 | 10 |
| 28  | 2150428 | 5  |
| 32  | 2150432 | 5  |



|  |         |   |
|--|---------|---|
| <b>Angle connector up to 10 bar<sup>1)</sup></b> |         |   |
| 15   | 2150315 | 5 |
| 18   | 2150318 | 5 |
| 22   | 2150322 | 5 |
| 28   | 2150328 | 5 |
| 32   | 2150332 | 5 |



| <b>Plug-in-reducing connector up to 10 bar<sup>1)</sup></b> |      |                |
|---|------|----------------|
| Nozzle  | Pipe | Outer diameter |
| 18  | 15   | 2151805 10     |
| 22  | 15   | 2151503 10     |
| 22  | 18   | 2151804 10     |
| 28  | 22   | 2152203 10     |
| 32  | 22   | 2153222 10     |
| 32  | 28   | 2153228 10     |



|   |         |    |
|---|---------|----|
| <b>Screw-in connector (parallel thread) up to 10 bar<sup>1)</sup></b> |         |    |
| 15 1/2" external thread   | 2151512 | 10 |
| 18 1/2" external thread   | 2151816 | 10 |
| 22 1/2" external thread   | 2152212 | 10 |
| 22 3/4" external thread   | 2152234 | 10 |



| Thread sealing through chambered "O" ring    |         |   |
|--|---------|---|
| <b>T-connector up to 10 bar<sup>1)</sup></b> |         |   |
| 15   | 2150215 | 5 |
| 18   | 2150218 | 5 |
| 22   | 2150222 | 5 |
| 28   | 2152828 | 5 |
| 32   | 2150232 | 5 |



| <b>T-reducing connector up to 10 bar<sup>1)</sup></b> |         |           |
|---|---------|-----------|
| Pipe OD   | Pipe OD |           |
| 18  | 15      | 2153018 5 |
| 22  | 15      | 2153022 5 |



|                                    |         |   |
|------------------------------------|---------|---|
| <b>Sealing plug for thread - Ø</b> |         |   |
| 1/2"                               | 2151901 | 1 |



|                                    |         |   |
|------------------------------------|---------|---|
| <b>Water separator for pipe OD</b> |         |   |
| 22                                 | 2152222 | 1 |

| <b>Plug-in angle connector up to 10 bar<sup>1)</sup></b> |           |            |
|--|-----------|------------|
| Pipe OD  | Nozzle OD |            |
| 15   | 15        | 2151515 10 |
| 18   | 18        | 2151818 10 |
| 22   | 22        | 2152322 10 |
| 32   | 32        | 2153332 10 |



|   |         |    |
|---|---------|----|
| <b>Screw-in connector (brass) up to 15 bar<sup>2)</sup></b> |         |    |
| 15 R <sup>1</sup> / <sub>2</sub> " external thread          | 2153415 | 10 |
| 22 R <sup>3</sup> / <sub>4</sub> " external thread          | 2153422 | 10 |
| 28 G <sup>3</sup> / <sub>4</sub> " external thread          | 2153428 | 10 |
| 28 G <sup>1</sup> " external thread                         | 2153429 | 10 |



|   |         |   |
|---|---------|---|
| <b>Wall discs (brass) up to 15 bar<sup>2)</sup></b> |         |   |
| 15 G <sup>1</sup> / <sub>2</sub> " internal thread  | 2151500 | 1 |
| 22 G <sup>3</sup> / <sub>4</sub> " internal thread  | 2152200 | 1 |



|  |         |    |
|--|---------|----|
| <b>Straight screw-in connector (brass) up to 15 bar<sup>2)</sup></b> |         |    |
| 15 R <sup>1</sup> / <sub>2</sub> " external thread                   | 2151215 | 10 |
| 22 R <sup>3</sup> / <sub>4</sub> " external thread                   | 2152243 | 10 |
| 28 R <sup>1</sup> " external thread                                  | 2152808 | 10 |



|  |         |    |
|--|---------|----|
| <b>Screw-on nozzle (brass) up to 15 bar<sup>2)</sup></b> |         |    |
| 15 G <sup>1</sup> / <sub>2</sub> " internal thread       | 2151216 | 10 |
| 22 G <sup>3</sup> / <sub>4</sub> " internal thread       | 2152244 | 10 |



|  |         |   |
|--|---------|---|
| <b>Water separator Brass for 28 mm T-connector</b> |         |   |
| Pipe OD 28 mm                                      | 2152829 | 1 |



| Designation                                    | Art. no. | PU |
|--|----------|----|
| <b>Plastic air distribution box - 4 x 1/2"</b> |          |    |
| Thread BSP                                     |          |    |
| 1/2"   | 2150212  | 1  |
| Supplied with three sealing plugs              |          |    |



|   |         |   |
|---|---------|---|
| <b>Air distribution box Complete polyamide for thread - Ø</b>       |         |   |
| P G <sup>1</sup> / <sub>2</sub> + 1 x G <sup>1</sup> / <sub>2</sub> | 2150960 | 1 |
| P G <sup>1</sup> / <sub>2</sub> + 2 x G <sup>1</sup> / <sub>2</sub> | 2150961 | 1 |
| P G <sup>1</sup> / <sub>2</sub> + 3 x G <sup>1</sup> / <sub>2</sub> | 2150962 | 1 |
| P G <sup>3</sup> / <sub>4</sub> + 1 x G <sup>1</sup> / <sub>2</sub> | 2150965 | 1 |
| P G <sup>3</sup> / <sub>4</sub> + 2 x G <sup>1</sup> / <sub>2</sub> | 2150966 | 1 |
| P G <sup>3</sup> / <sub>4</sub> + 3 x G <sup>1</sup> / <sub>2</sub> | 2150967 | 1 |



|  |         |   |
|--|---------|---|
| <b>Air distribution box, aluminium insert for thread - Ø</b>         |         |   |
| PA G <sup>1</sup> / <sub>2</sub> + 1 x G <sup>1</sup> / <sub>2</sub> | 2150940 | 1 |
| PA G <sup>1</sup> / <sub>2</sub> + 2 x G <sup>1</sup> / <sub>2</sub> | 2150941 | 1 |
| PA G <sup>1</sup> / <sub>2</sub> + 3 x G <sup>1</sup> / <sub>2</sub> | 2150942 | 1 |
| DV 1/2" + 3/4" + 3x 1/2"   | 2150943 | 1 |
| DV 2 x 3/4" + 3 x 1/2"   | 2150948 | 1 |
| PA G <sup>3</sup> / <sub>4</sub> + 1 x G <sup>1</sup> / <sub>2</sub> | 2150945 | 1 |
| PA G <sup>3</sup> / <sub>4</sub> + 2 x G <sup>1</sup> / <sub>2</sub> | 2150946 | 1 |
| PA G <sup>3</sup> / <sub>4</sub> + 3 x G <sup>1</sup> / <sub>2</sub> | 2150947 | 1 |
| PA G <sup>1</sup> / <sub>2</sub> + 4 x G <sup>1</sup> / <sub>2</sub> | 2150950 | 1 |
| PA G <sup>3</sup> / <sub>4</sub> + 4 x G <sup>1</sup> / <sub>2</sub> | 2150951 | 1 |



|   |         |   |
|---|---------|---|
| <b>Aluminium air distribution box - 3 x 1/2" for thread - Ø</b> |         |   |
| 1/2" above  | 2151912 | 1 |
| 3/4" above  | 2151934 | 1 |
| 1" above  | 2151910 | 1 |
| Supplied with two sealing plugs                                 |         |   |



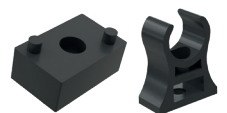
|   |         |  |
|---|---------|--|
| <b>Condensate drain valve G<sup>1</sup>/<sub>4</sub>"</b>               |         |  |
| <i>With the option of attaching a condensate drain on the underside</i> |         |  |
|   | 2507307 |  |



|                               |         |     |
|-------------------------------|---------|-----|
| <b>Pipe clamp for pipe OD</b> |         |     |
| 15                            | 2151520 | 100 |
| 18                            | 2151820 | 100 |
| 22                            | 2152220 | 100 |
| 28                            | 2152820 | 100 |
| 32                            | 2153220 | 100 |



|                               |         |   |
|-------------------------------|---------|---|
| <b>Pipe clamps and spacer</b> |         |   |
| <b>Spacer</b>                 |         |   |
|                               | 2157450 | 1 |
| 15                            | 2157451 | 1 |
| 18                            | 2157452 | 1 |
| 22                            | 2157453 | 1 |
| 28                            | 2157454 | 1 |



|                                  |         |   |
|----------------------------------|---------|---|
| <b>Mounting bracket for pipe</b> |         |   |
| 15                               | 2157115 | 1 |
| 18                               | 2157118 | 1 |
| 22                               | 2157122 | 1 |
| 28                               | 2157128 | 1 |



|   |         |   |
|---|---------|---|
| <b>Screw clamp with rubber inner band Thread (M8)</b> |         |   |
| 15 - 18   | 2157218 | 1 |
| 22  | 2157222 | 1 |
| 28  | 2157228 | 1 |



|                                   |         |    |
|-----------------------------------|---------|----|
| <b>Protective cap for pipe OD</b> |         |    |
| 15                                | 2150515 | 10 |
| 18                                | 2150518 | 10 |
| 22                                | 2150522 | 10 |



|                                 |         |    |
|---------------------------------|---------|----|
| <b>Sealing plug for pipe OD</b> |         |    |
| 15                              | 2150815 | 10 |
| 18                              | 2150818 | 10 |
| 22                              | 2150822 | 10 |
| 28                              | 2150828 | 10 |
| 32                              | 2150832 | 10 |



|                            |         |    |
|----------------------------|---------|----|
| <b>Circlip for pipe OD</b> |         |    |
| 15                         | 2150115 | 10 |
| 18                         | 2150118 | 10 |
| 22                         | 2150122 | 10 |



## QUICK AND STRESS-FREE INSTALLATION WITHOUT TOOLS

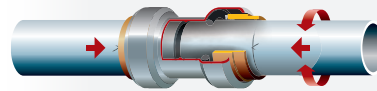
- ▶ Permanently tight without grouting
- ▶ Cost savings through quick and easy installation
- ▶ Compatible with other standard-compliant pipes
- ▶ Installation even in confined spaces
- ▶ Pull-out forces far above the requirements of the standard
- ▶ O ring included in scope of delivery

### COMPONENTS Ø 15 - 28 MM

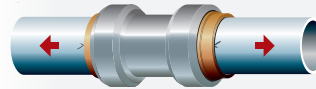
| Pipe OD                                     |                       | Art. no. | PU |  |
|---|-----------------------|----------|----|--|
| <b>Straight screw-in connector (brass)</b>  |                       |          |    |  |
| 15  | R1/2" external thread | 2150010  | 5  |  |
| 18  | R3/4" external thread | 2150011  | 5  |  |
| 18  | R1/2" external thread | 2150012  | 5  |  |
| 22  | R3/4" external thread | 2150013  | 5  |  |
| 22  | R1/2" external thread | 2150014  | 5  |  |
| 28  | R1" external thread   | 2150015  | 5  |  |
| <b>Straight screw-on connector (brass)</b>  |                       |          |    |  |
| 15  | G1/2"                 | 2150016  | 5  |  |
| 18  | G1/2"                 | 2150017  | 5  |  |
| 18  | G3/4"                 | 2150018  | 5  |  |
| 22  | G1/2"                 | 2150019  | 5  |  |
| 22  | G3/4"                 | 2150020  | 5  |  |
| 28  | G1"                   | 2150021  | 5  |  |
| <b>Straight connector (brass)</b>           |                       |          |    |  |
| 15  |                       | 2150025  | 5  |  |
| 18  |                       | 2150026  | 5  |  |
| 22  |                       | 2150027  | 5  |  |
| 28  |                       | 2150028  | 5  |  |
| <b>Angled plug connector 90° (brass)</b>    |                       |          |    |  |
| 15  |                       | 2150030  | 5  |  |
| 18  |                       | 2150031  | 5  |  |
| 22  |                       | 2150032  | 5  |  |
| 28  |                       | 2150033  | 5  |  |
| <b>Angled plug connector 45° (brass)</b>    |                       |          |    |  |
| 15  |                       | 2150035  | 2  |  |
| 18  |                       | 2150036  | 2  |  |
| 22  |                       | 2150037  | 2  |  |
| 28  |                       | 2150038  | 2  |  |
| <b>Angle screw-in connector 90° (brass)</b> |                       |          |    |  |
| 15  | R1/2"                 | 2150040  | 2  |  |
| 18  | R1/2"                 | 2150041  | 2  |  |
| 22  | R3/4"                 | 2150042  | 2  |  |
| 28  | R1"                   | 2150043  | 2  |  |
| <b>T-connector (brass)</b>                  |                       |          |    |  |
| 15  |                       | 2150050  | 5  |  |
| 18  |                       | 2150051  | 5  |  |
| 22  |                       | 2150052  | 5  |  |
| 28  |                       | 2150053  | 2  |  |
| <b>T-reducing connector (brass)</b>         |                       |          |    |  |
|   | 22 x 15 x 22          | 2150055  | 2  |  |
|   | 22 x 18 x 22          | 2150056  | 2  |  |
|   | 28 x 22 x 22          | 2150057  | 2  |  |
|   | 28 x 18 x 28          | 2150058  | 2  |  |
|   | 28 x 22 x 28          | 2150059  | 2  |  |
| <b>Sliding sleeve (brass)</b>               |                       |          |    |  |
| 15  |                       | 2150065  | 2  |  |
| 18  |                       | 2150066  | 2  |  |
| 22  |                       | 2150067  | 2  |  |
| 28  |                       | 2150068  | 2  |  |
| <b>Blanking cap (brass)</b>                 |                       |          |    |  |
| 15  |                       | 2150070  | 2  |  |
| 18  |                       | 2150071  | 2  |  |
| 22  |                       | 2150072  | 2  |  |
| 28  |                       | 2150073  | 2  |  |
| <b>Reducing connector (brass)</b>           |                       |          |    |  |
| 22  | 18                    | 2150060  | 2  |  |
| 28  | 18                    | 2150061  | 2  |  |
| 28  | 22                    | 2150062  | 2  |  |
| <b>Disassembly clip</b>                     |                       |          |    |  |
| 15  |                       | 2150080  | 5  |  |
| 18  |                       | 2150081  | 5  |  |
| 22  |                       | 2150082  | 5  |  |
| 28  |                       | 2150083  | 5  |  |

### Creating the connection

Plug in, turn and pull

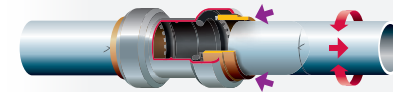


Slightly turn the fitting or pipe while pressing it in an axial direction until the marked insertion point is reached



Check the connection by counter-tightening

### Releasing the connection



Press back the retaining element with the disassembly tool and remove the pipe with a twisting motion

### PIPE CONNECTOR Ø 32- 63 MM

for aluminium tubes

| Pipe OD                            |         | Art. no. | PU |  |
|------------------------------------|---------|----------|----|--|
| <b>Straight screw-in connector</b> |         |          |    |  |
| 32 mm                              | R1a     | 2157420  | 5  |  |
| 40 mm                              | R1 1/4a | 2157421  | 1  |  |
| 50 mm                              | R1 1/2a | 2157422  | 1  |  |
| 63 mm                              | R2a     | 2157423  | 1  |  |
| <b>Straight screw-on connector</b> |         |          |    |  |
| 32 mm                              | G1i     | 2157415  | 5  |  |
| 40 mm                              | G1 1/4i | 2157416  | 1  |  |
| 50 mm                              | G1 1/2i | 2157417  | 1  |  |
| 63 mm                              | G2i     | 2157418  | 1  |  |
| <b>Straight plug connector</b>     |         |          |    |  |
| 32 mm                              |         | 2157400  | 5  |  |
| 40 mm                              |         | 2157401  | 1  |  |
| 50 mm                              |         | 2157402  | 1  |  |
| 63 mm                              |         | 2157403  | 1  |  |
| <b>Angled plug connector 90°</b>   |         |          |    |  |
| 32 mm                              |         | 2157405  | 5  |  |
| 40 mm                              |         | 2157406  | 1  |  |
| 50 mm                              |         | 2157407  | 1  |  |
| 63 mm                              |         | 2157408  | 1  |  |
| <b>T-connector</b>                 |         |          |    |  |
| 32 mm                              |         | 2157410  | 5  |  |
| 40 mm                              |         | 2157411  | 1  |  |
| 50 mm                              |         | 2157412  | 1  |  |
| 63 mm                              |         | 2157413  | 1  |  |
| <b>T-screw-on connector</b>        |         |          |    |  |
| 32 mm                              | 3/4"    | 2157425  | 5  |  |
| 40 mm                              | 1"      | 2157426  | 1  |  |
| 50 mm                              | G1 1/2i | 2157427  | 1  |  |
| 63 mm                              | G2i     | 2157428  | 1  |  |

### DISTRIBUTION BOARD

Distribution board

|            |                          |         |   |
|------------|--------------------------|---------|---|
| <b>new</b> | 2 x 1/2" int. thread x 4 | 2150975 | 1 |
|            | x 1/4" int. thread       |         |   |



## COMPRESSED AIR STARTER SET

|                            | Plug-in connection system<br>15 mm<br>Art. no.: 2159901 |                              | Plug-in connection system<br>22 mm<br>Art. no.: 2159902 |                              | Plug-in connection system<br>28 mm<br>Art. no.: 2159903 |                            | Plug-in connection system<br>22/15 mm<br>Art. no.: 2159904 |                              |
|----------------------------|---|------------------------------|---|------------------------------|---|----------------------------|--|------------------------------|
| PA pipe / blue             | 1 x   | 25 m                         | 1 x   | 25 m                         | 1 x   | 50 m                       | 1 x  | 25 m                         |
| Angle connector            | 15 x  | 15 mm                        | 15 x  | 22 mm                        | 5 x   | 28 mm                      | 15 x   | 22 mm                        |
| T-connector                | 4 x   | 15 mm                        | 4 x   | 22 mm                        | 3 x   | 28 mm                      | 4 x  | 22 mm                        |
| Wall bracket 90°           | 1 x   | 15 mm x 1/2" internal thread | 1 x   | 22 mm x 3/4" internal thread | -   | -                          | 1 x  | 15 mm x 1/2" internal thread |
| 3-way air distribution box | 1 x   | 1/2"                         | 1 x   | 1/2"                         | 1 x   | 1/2"                       | 2 x  | 1/2"                         |
| Screw-in connector         | 1 x   | 15 mm x 1/2" external thread | 1 x   | 22 mm x 3/4" external thread | 1 x   | 28 mm x 1" external thread | 2 x  | 15 mm x 1/2" external thread |
| Pipe clamp                 | 50 x  | 15 mm                        | 50 x  | 22 mm                        | 20 x  | 28 mm                      | 30 x   | 22 mm                        |
| Pipe clamp                 | -   | -                            | -   | -                            | -   | -                          | 20 x   | 15 mm                        |
| Circlip                    | 50 x  | 15 mm                        |   | 22 mm                        |   |                            | 10 x   | 15 mm                        |
| Circlip                    |   |                              |   |                              |   |                            | 50 x   | 22 mm                        |



AIRCRAFT compressed air line connector systems  
Pipes 15- 63 mm for trade and industry **"CLICK"**



## PLASTIC PIPES FOR COMPRESSED AIR SYSTEMS

- Very smooth inner surfaces, better flow
- Tried and tested for years
- Pressure and temperature resistant
- Vibration and impact resistant
- Resistant to corrosion and ageing
- Low weight



### SOFT STOCK GOODS

| PU/Roll               | 1 Roll 25m | 1 Roll 25m | 1 Roll 25m | -       |
|-----------------------|------------|------------|------------|---------|
| Art. no.              | 215151025  | 215181725  | 215221725  | -       |
| PU/roll <sup>3)</sup> | 1 roll     | 1 roll     | 1 roll     | 1 roll  |
|                       | 100 m      | 100 m      | 100 m      | 50 m    |
| Art. no.              | 2151510    | 2151817    | 2152217    | 2152824 |

| Technical data                               |        |        |        |        |
|--|--------|--------|--------|--------|
| Outer diameter                               | 15* mm | 18* mm | 22 mm  | 28 mm  |
| Inner diameter                               | 12 mm  | 14 mm  | 18 mm  | 23 mm  |
| Wall thickness                               | 1.5 mm | 2.0 mm | 2.0 mm | 2.5 mm |
| Operating pressure <sup>2)</sup> max. (20°C) | 15 bar | 16 bar | 14 bar | 14 bar |
| Min. bending radius                          | 90 mm  | 100 mm | 140 mm | 190 mm |

Delivery only in the specified PUs!

|  |                          |
|--|--------------------------|
| Operating temperature with continuous load | -60 °C to +100 °C (air)  |
| Physical properties                        | Material polyamide 12    |
| Density, at 20 °C                          | 1.04 g/cm <sup>3</sup>   |
| Linear expansion coefficient               | 15·10 <sup>-5</sup> l/K  |
| Melting point                              | approx. +160°C to +170°C |



### HARD BAR STOCK

| PU /bar                                      | 3 m                 | 3 m                 | 3 m      | 3 m      |
|--|---------------------|---------------------|----------|----------|
| Art. no.                                     | 2151511             | 2151815             | 2152218  | 2152823  |
| PU/Bundle <sup>3)</sup>                      | 10 x 3 m            | 10 x 3 m            | 10 x 3 m | 10 x 3 m |
| Technical data                               |                     |                     |          |          |
| Outer diameter                               | 15 <sup>1)</sup> mm | 18 <sup>1)</sup> mm | 22 mm    | 28 mm    |
| Inner diameter                               | 12 mm               | 14 mm               | 18 mm    | 23 mm    |
| Wall thickness                               | 1.5 mm              | 2.0 mm              | 2.0 mm   | 2.5 mm   |
| Operating pressure <sup>2)</sup> max. (20°C) | 25 bar              | 28 bar              | 22 bar   | 20 bar   |

Degree of utilisation of the permissible operating pressures (calculation example):

| Temperature range | +20 °C  | +30 °C | +40 °C | +50 °C | +60 °C | +70 °C | +80 °C | +90 °C | +100 °C |
|-------------------|---|--------|--------|--------|--------|--------|--------|--------|---------|
| Tubes soft/hard   | 100%  | 83%    | 71%    | 62%    | 55%    | 49%    | 45%    | 41%    | 37%     |
| <b>Example:</b>   | Roll material Ø 15 mm (soft): Permissible operating pressure at +50 °C: 62% of 15 bar = 9.3 bar<br>Bar stock Ø 15 mm (hard): Permissible operating pressure at +50 °C: 62% of 25 bar = 15.5 bar |        |        |        |        |        |        |        |         |

## ALUMINIUM PIPES<sup>3)</sup>

The AIRCRAFT aluminium pipe is manufactured with the quality ALMgSi 05. The six-metre-long aluminium pipe has a surface coating. The pipes can be used for compressed air and vacuum.

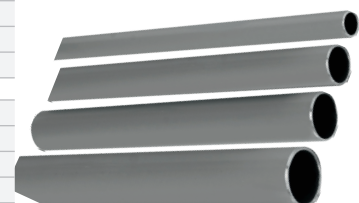
\*Diameter from Ø 15 mm to Ø 28 mm,  
Pipe tolerance: ±0.10 mm

| Temperature* | Pressure* |
|--------------|-----------|
| - 20 °C      | 15 bar    |
| + 1 °C       | 15 bar    |
| + 23 °C      | 15 bar    |
| + 70 °C      | 15 bar    |

Explanation TVPAR:



| Art. no. | Dim. in mm |    | Wall thickness in mm | Minimum order quantity | Surface     | Max. pieces per packaging tube |
|----------|------------|----|----------------------|------------------------|-------------|--------------------------------|
|          | OD         | ID |                      |                        |             |                                |
| 2157315  | 15         | 12 | 1.5                  | 10 sticks              | grey-coated | 26                             |
| 2157318  | 18         | 15 | 1.5                  | 10 sticks              | grey-coated | 18                             |
| 2157322  | 22         | 19 | 1.5                  | 10 sticks              | grey-coated | 10                             |
| 2157328  | 28         | 25 | 1.5                  | 5 sticks               | grey-coated | 8                              |
| 2157332  | 32         | 29 | 1.5                  | 5 sticks               | grey-coated | 21                             |
| 2157340  | 40         | 37 | 1.5                  | 5 sticks               | grey-coated | 13                             |
| 2157350  | 50         | 46 | 2.0                  | 5 sticks               | grey-coated | 7                              |
| 2157363  | 63         | 59 | 2.0                  | 4 sticks               | grey-coated | 4                              |



# PIPE COMPONENTS Ø 15 - 32 MM

| Designation                            | Art. no. | PU |
|--|----------|----|
| <b>Screw locking</b>                   |          |    |
| medium strength for gap 0.05 - 0.25 mm |          |    |
| 10 g                                   | 2500022  | 25 |
| 50 g                                   | 2500023  | 10 |
| 250 g                                  | 2500024  | 10 |



| <b>Teflon sealing tape</b> |         |    |
|----------------------------|---------|----|
| 10 m length                | 2500020 | 10 |



| <b>Ball valves</b>       |                                |         |
|--------------------------|--------------------------------|---------|
| Type                     |                                |         |
| R 3/8" internal thread   | 3/8" int. thread               | 2507710 |
| R 3/8" internal thread   | 3/8" ext. thread               | 2507711 |
| R 1/2" internal thread   | 1/2" int. thread               | 2507712 |
| R 1/2" internal thread   | 1/2" external thread with knob | 2507714 |
| R 3/4" internal thread   | 3/4" int. thread               | 2507715 |
| R 3/4" internal thread   | 3/4" ext. thread               | 2507716 |
| R 1" internal thread     | 1" int. thread                 | 2507720 |
| R 1" internal thread     | 1" ext. thread                 | 2507721 |
| R 1 1/4" internal thread | 1 1/4" int. thread             | 2507725 |
| R 1 1/4" internal thread | 1 1/4" external thread         | 2507726 |
| R 1 1/2" internal thread | 1 1/2" int. thread             | 2507730 |
| R 1 1/2" internal thread | 1 1/2" external thread         | 2507731 |
| R 2" internal thread     | 2" ext. thread                 | 2507741 |



| <b>Air shut-off valves Ø 15 - 28 mm</b>                                |                 |         |
|--|-----------------|---------|
| Consisting of ball valve and 2 x end pieces with brass external thread |                 |         |
| End piece  |                 |         |
| Pipe OD  | external thread |         |
| 15   | 1/2"            | 2507915 |
| 18   | 1/2"            | 2507918 |
| 22   | 3/4"            | 2507922 |
| 28   | 1"              | 2507928 |



| <b>Compressed air energy saver G1</b>   |         |
|---|---------|
| Opens and closes automatically, 115 V or 240 VAC operating voltage, 0 °C to +60 °C operating temperature, pressure range 0 - 16 bar |         |
| Energy saver G1; connection: int. thread 1"   | 2150001 |



| <b>Compressed air energy saver G2</b>   |         |
|---|---------|
| Opens and closes automatically, 115 V or 240 VAC operating voltage, 0 °C to +60 °C operating temperature, pressure range 0 - 16 bar |         |
| Energy saver G2; connection: int. thread 2"   | 2150003 |



| <b>Accessories Compressed air energy saver G1/G2</b> |         |
|--|---------|
| Remote control option with 5 m cable                 | 2150002 |



| <b>Aluminium pipe cutter for pipe OD</b> |         |
|--|---------|
| 4 - 30 mm                                | 2151930 |



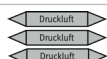
| <b>Outer/inner pipe deburrer</b> |         |
|----------------------------------|---------|
| Pipe OD                          |         |
| Ø 3- 35 mm                       | 2155990 |



| <b>PA Pipe shears</b> |         |
|-----------------------|---------|
| RS 28                 | 2151528 |
| Spare blade           | 2151527 |



| <b>Pipe markers (stickers)</b> |         |
|--------------------------------|---------|
| Sheet = 3 stickers             | 2156000 |



## Pre-assembled distribution blocks for ceiling and wall mounting

**Air inlet sockets with two one-hand couplings and plug connector**  
consisting of: Feed-through junction box, two one-hand couplings 1/2" external thread, straight plug connector and blind plug 1/2"

| Pipe OD | End piece | Art. no. |
|---------|-----------|----------|
| 15 mm   | 1/2"      | 2158104  |
| 18 mm   | 1/2"      | 2158105  |
| 22 mm   | 3/4"      | 2158106  |
| 28 mm   | 3/4"      | 2158107  |



**Air inlet socket with one-hand coupling Ø 15 - 28 mm**  
comprises: Air distribution box, coupling 1/2" external thread, straight screw-in connector 15mm x R1/2"

| Pipe OD | End piece | Art. no. |
|---------|-----------|----------|
| 15 mm   | 1/2"      | 2158100  |
| 18 mm   | 1/2"      | 2158101  |
| 22 mm   | 3/4"      | 2158102  |
| 28 mm   | 3/4"      | 2158103  |



**Junction box without one-hand coupling Ø 15 - 22 mm**  
consisting of: Air distribution box, straight screw-in connector

| Pipe OD | End piece | Art. no. |
|---------|-----------|----------|
| 15 mm   | 1/2"      | 2158110  |
| 18 mm   | 1/2"      | 2158111  |
| 22 mm   | 3/4"      | 2158112  |



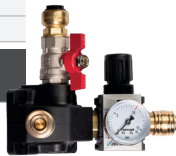
**Final junction box with two safety couplings and shut-off valve Ø 15 - 22 mm**  
consisting of: Air distribution box, ball valve 1/2" external thread, straight screw-in connector x R1/2", coupling 1/2" external thread

| Pipe OD | End piece | Art. no. |
|---------|-----------|----------|
| 15 mm   | 1/2"      | 2158140  |
| 18 mm   | 1/2"      | 2158141  |
| 22 mm   | 3/4"      | 2158142  |



**Junction box with two one-hand couplings, shut-off valve and filter pressure regulator 12 bar Ø 15 - 22 mm**  
consisting of: air distribution box, ball valve female thread x 1/2" male thread, Straight screw-in connector x R1/2", coupling 1/2" male thread double nipple G1/4xG1/2, pressure regulator 1/4" 12 bar, coupling 1/4" male thread

| Pipe OD | End piece | Art. no. |
|---------|-----------|----------|
| 15 mm   | 1/2"      | 2158160  |
| 18 mm   | 1/2"      | 2158161  |
| 22 mm   | 3/4"      | 2158162  |



**Junction box with two one-hand couplings, shut-off valve, filter pressure regulator and mist lubricator 12 bar Ø 15 - 22 mm**  
consisting of: Air distribution box, ball valve 1/2" external thread, straight screw-in connector R1/2", coupling 1/2" external thread, double nipple G 1/4 x G 1/2, filter pressure regulator 1/4" 12 bar, coupling set 1/4" 12 bar, mist lubricator 1/4" 12 bar, coupling 1/4" external thread

| Pipe OD | End piece | Art. no. |
|---------|-----------|----------|
| 15 mm   | 1/2"      | 2158200  |
| 18 mm   | 1/2"      | 2158201  |
| 22 mm   | 3/4"      | 2158202  |



**Terminal junction box with two one-hand couplings, stopcock and filter pressure regulator 12 bar Ø 15 - 22 mm**  
consisting of: Air distribution box, ball valve 1/2" external thread Straight screw-in connector x R1/2", safety coupling 1/2" external thread, double nipple G 1/4 x G 1/2, filter pressure regulator 1/4" 12 bar, safety coupling 1/4" external thread

| Pipe OD | End piece | Art. no. |
|---------|-----------|----------|
| 15 mm   | 1/2"      | 2158190  |
| 18 mm   | 1/2"      | 2158191  |
| 22 mm   | 3/4"      | 2158192  |



**Junction box with two safety couplings, shut-off valve and filter pressure regulator and mist lubricator 12 bar Ø 15 - 22 mm**  
consisting of: Air distribution box, ball valve R 1/2" female thread x 1/2" male thread, straight screw-in connector x R3/4", Safety coupling 1/2" external thread, double nipple G 1/4 x G 1/2, filter pressure regulator 1/4" 12 bar, coupling set 1/4" 12 bar, mist lubricator 1/4" 12 bar, safety coupling 1/4" external thread

| Pipe OD | End piece | Art. no. |
|---------|-----------|----------|
| 15 mm   | 1/2"      | 2158210  |
| 18 mm   | 1/2"      | 2158211  |
| 22 mm   | 3/4"      | 2158212  |



## PRESSURE REGULATOR

- ▶ Design: Diaphragm pressure regulator with secondary venting
- ▶ Medium: Compressed air, neutral gases
- ▶ Temperature range: -10 °C to +50 °C
- ▶ Pressure gauge



Fig.: Pressure regulator 1/4" 12bar



| Designation                                | Art. no. |
|--|----------|
| <b>BG1</b> " Pressure regulator 1/4" 12bar | 2317000  |
| <b>BG2</b> " Pressure regulator 1/4" 16bar | 2317010  |
| <b>BG3</b> " Pressure regulator 1/2" 16bar | 2317020  |
| <b>BG4</b> " Pressure regulator 1" 16bar   | 2317030  |

## FILTER PRESSURE REGULATOR

- ▶ Design: Sintered filter centrifugal principle; diaphragm pressure regulator with secondary venting
- ▶ Medium: Compressed air, neutral gases
- ▶ Temperature range: -10 °C to +50 °C
- ▶ Installation position: vertical
- ▶ Pore size 5 µm
- ▶ Pressure gauge



Fig.: Filter pressure regulator 1/4" 12bar



| Designation                                       | Art. no. |
|---|----------|
| <b>BG1</b> " Filter pressure regulator 1/4" 12bar | 2317100  |
| <b>BG2</b> " Filter pressure regulator 1/4" 16bar | 2317110  |
| <b>BG3</b> " Filter pressure regulator 1/2" 16bar | 2317120  |
| <b>BG4</b> " Filter pressure regulator 1" 16bar   | 2317130  |

## MIST LUBRICATOR

- ▶ Design: Micro mist lubricator
- ▶ Medium: Compressed air, neutral gases
- ▶ Temperature range: -10 °C to +50 °C
- ▶ Installation position: vertical
- ▶ Oil type: CL 32 according to DIN51517-ISO VG 32



Fig.: Mist lubricator 1/4" 12bar



| Designation   | Art. no. |
|---|----------|
| <b>BG1</b> " Mist lubricator 1/4" 12bar; 35 cm <sup>3</sup> | 2317200  |
| <b>BG2</b> " Mist lubricator 1/4" 16bar; 40 cm <sup>3</sup> | 2317210  |
| <b>BG3</b> " Mist lubricator 1/2" 16bar; 80 cm <sup>3</sup> | 2317220  |
| <b>BG4</b> " Mist lubricator 1" 16bar; 181 cm <sup>3</sup>  | 2317230  |

## WATER SEPARATOR

- ▶ Design: Sintered filter centrifugal principle
- ▶ Medium: Compressed air, neutral gases
- ▶ Temperature range: -10 °C to +50 °C
- ▶ Installation position: vertical
- ▶ Pore size 5 µm



Fig.: Water separator 1/4" 12bar



| Designation                             | Art. no. |
|---|----------|
| <b>BG1</b> " Water separator 1/4" 12bar | 2317300  |
| <b>BG2</b> " Water separator 1/4" 16bar | 2317310  |
| <b>BG3</b> " Water separator 1/2" 16bar | 2317320  |
| <b>BG4</b> " Water separator 1" 16bar   | 2317330  |

### ACCESSORIES BG1 (1/4" 12 BAR)

| Accessories for 1/4" 12 bar                                   | Art. no. |
|---|----------|
| Coupling package 1/4"   | 2317500  |
| Coupling package 1/4" for wall mounting                       | 2317501  |
| Wall bracket mounting kit 1/4"                                | 2317502  |
| Angle bracket 1/4"  | 2317503  |
| Mounting bracket 1/4" for switch panel thread incl. union nut | 2317504  |

### ACCESSORIES BG2 (1/4" 16 BAR)

| Accessories for 1/4" 16 bar                                   | Art. no. |
|---|----------|
| Coupling package 1/4"   | 2317510  |
| Coupling package 1/4" for wall mounting                       | 2317511  |
| Wall bracket mounting kit 1/4"                                | 2317512  |
| Angle bracket 1/4"  | 2317513  |
| Mounting bracket 1/4" for switch panel thread incl. union nut | 2317514  |

### ACCESSORIES BG3 (1/2" 16 BAR)

| Accessories for 1/2" 16 bar             | Art. no. |
|---|----------|
| Coupling package 1/2"                   | 2317520  |
| Coupling package 1/2" for wall mounting | 2317521  |
| Wall bracket mounting kit 1/2"          | 2317522  |
| Angle bracket 1/2"                      | 2317523  |
| Mounting bracket 1/2" for panel thread  | 2317524  |

### ACCESSORIES BG4 (1" 16 BAR)

| Accessories for 1" 16 bar             | Art. no. |
|---------------------------------------|----------|
| Coupling package 1"                   | 2317530  |
| Coupling package 1" for wall mounting | 2317531  |
| Wall bracket mounting kit 1"          | 2317532  |
| Angle bracket 1"                      | 2317533  |

## COMBINATION MAINTENANCE UNIT

comprises: Filter pressure regulator, mist lubricator, brass coupling, 1 T-piece A-I-A, wall bracket mounting kit

| Designation                              | Art. no. |
|--|----------|
| Combination maintenance unit 1/4" 12 bar | 2317400  |
| Combination maintenance unit 1/4" 16 bar | 2317410  |
| Combination maintenance unit 1/2" 16 bar | 2317420  |



# COMPRESSED AIR FITTINGS

| Designation  | Art. no. | PU |  |
|--|----------|----|--|
| <b>Couplings with external thread</b> (Made in Germany 🇩🇪)   |          |    |  |
| Coupling 1/4" external thread                                | 2200001  | 10 |  |
| Coupling 3/8" external thread                                | 2200002  | 10 |  |
| Coupling 1/2" external thread                                | 2200003  | 10 |  |
| <b>Couplings with internal thread</b> (Made in Germany 🇩🇪)   |          |    |  |
| Coupling 1/4" internal thread                                | 2200011  | 10 |  |
| Coupling 3/8" internal thread                                | 2200012  | 10 |  |
| Coupling 1/2" internal thread                                | 2200013  | 10 |  |
| <b>Couplings with hose hose grommet</b> (Made in Germany 🇩🇪) |          |    |  |
| Coupling 6 mm  | 2200021  | 10 |  |
| Coupling 9 mm  | 2200022  | 10 |  |
| Coupling 13 mm   | 2200023  | 10 |  |
| <b>Plug-in grommets</b> (Made in Germany 🇩🇪)                 |          |    |  |
| Socket 6 mm  | 2200031  | 10 |  |
| Socket 9 mm  | 2200032  | 10 |  |
| Socket 13 mm   | 2200033  | 10 |  |
| <b>Plug nipple with external thread</b> (Made in Germany 🇩🇪) |          |    |  |
| Plug nipple 1/4" external thread                             | 2200041  | 10 |  |
| Plug nipple 3/8" external thread                             | 2200042  | 10 |  |
| Plug nipple 1/2" external thread                             | 2200043  | 10 |  |
| <b>Plug nipple with internal thread</b> (Made in Germany 🇩🇪) |          |    |  |
| Plug nipple 1/4" internal thread                             | 2200051  | 10 |  |
| Plug nipple 3/8" internal thread                             | 2200052  | 10 |  |
| Plug nipple 1/2" internal thread                             | 2200053  | 10 |  |
| <b>Distributor</b> (Made in Germany 🇩🇪)                      |          |    |  |
| 2-way 3/8" w. coupling                                       | 2200085  | 5  |  |
| 3-way 3/8" w. coupling                                       | 2200095  | 5  |  |
| 3-way 3/8" female thread                                     | 2200071  | 5  |  |
| <b>Double hose grommets</b>                                  |          |    |  |
| 6 mm   | 2200102  | 10 |  |
| 9 mm   | 2200103  | 10 |  |
| 13 mm  | 2200104  | 10 |  |
| <b>Reducing nipple short</b>                                 |          |    |  |
| 1/8" internal thread x 1/4" external thread                  | 2200141  | 10 |  |
| 1/4" internal thread x 3/8" external thread                  | 2200142  | 10 |  |
| 1/4" internal thread x 1/2" external thread                  | 2200143  | 10 |  |
| 3/8" internal thread x 1/2" external thread                  | 2200145  | 10 |  |
| 1/2" internal thread x 3/4" external thread                  | 2200147  | 10 |  |
| 3/4" internal thread X 1" external thread                    | 2200148  | 10 |  |
| <b>Reducing nipple long</b>                                  |          |    |  |
| 1/4" internal thread x 1/8" external thread                  | 2200151  | 10 |  |
| 3/8" internal thread x 1/4" external thread                  | 2200152  | 10 |  |
| 1/2" internal thread x 3/8" external thread                  | 2200153  | 10 |  |
| 3/4" internal thread x 1/2" external thread                  | 2250211  | 10 |  |
| <b>Sleeves</b>   |          |    |  |
| Sleeves 1/4"   | 2200132  | 10 |  |
| Sleeves 3/8"   | 2200133  | 10 |  |
| Sleeves 1/2"   | 2200134  | 10 |  |
| Sleeves 3/4"   | 2200138  | 10 |  |
| Sleeves 1"   | 2200135  | 10 |  |
| <b>Swivelling connection</b>                                 |          |    |  |
| For attachment to the pneumatic tool                         |          |    |  |
| - Prevents the connection hose from twisting                 |          |    |  |
| - Robust and durable   |          |    |  |
| Working pressure: max 12 bar                                 |          |    |  |
| Air connection: 1/4" external thread + 1/4" internal thread  |          |    |  |
| Swivelling connection  | 2116010  |    |  |
| <b>One-ear clamps PRO</b>                                    |          |    |  |
| f. Hose 17.8 mm,<br>range: 15.6-17.8 mm                      | 2105011  |    |  |
| f. Hose 19.8 mm,<br>range: 16.6-19.8 mm                      | 2105012  |    |  |

| Designation                               | Art. no. | PU |  |
|---|----------|----|--|
| <b>Hose grommets with external thread</b> |          |    |  |
| Threaded grommets 1/8", 4 mm              | 2200171  | 10 |  |
| Threaded nozzles 1/8", 6 mm               | 2200172  | 10 |  |
| Threaded nozzles 1/8", 9 mm               | 2200173  | 10 |  |
| Threaded nozzles 1/4", 6 mm               | 2200174  | 10 |  |
| Threaded nozzles 1/4", 9 mm               | 2200176  | 10 |  |
| Threaded nozzles 1/4", 13 mm              | 2200181  | 10 |  |
| Threaded nozzles 3/8", 6 mm               | 2200175  | 10 |  |
| Threaded nozzles 3/8", 9 mm               | 2200177  | 10 |  |
| Threaded nozzles 3/8", 13 mm              | 2200182  | 10 |  |
| Threaded nozzles 1/2", 6 mm               | 2200178  | 10 |  |
| Threaded nozzles 1/2", 9 mm               | 2200179  | 10 |  |
| Threaded nozzles 1/2", 13 mm              | 2200180  | 10 |  |
| <b>T-piece with internal thread</b>       |          |    |  |
| T-piece 1/8" internal thread              | 2200190  | 10 |  |
| T-piece 1/4" internal thread              | 2200193  | 10 |  |
| T-piece 3/8" internal thread              | 2200196  | 10 |  |
| T-piece 1/2" internal thread              | 2200199  | 10 |  |
| <b>T-piece with external thread</b>       |          |    |  |
| T-piece 1/8" external thread              | 2200191  | 10 |  |
| T-piece 1/4" external thread              | 2200192  | 10 |  |
| T-piece 3/8" external thread              | 2200194  | 10 |  |
| T-piece 1/2" external thread              | 2200198  | 10 |  |
| <b>Elbow</b>                              |          |    |  |
| Elbow 1/8" external thread                | 2200201  | 10 |  |
| Elbow 1/4" external thread                | 2200202  | 10 |  |
| Elbow 3/8" external thread                | 2200203  | 10 |  |
| Elbow 1/2" external thread                | 2200204  | 5  |  |
| <b>Blanking plugs</b>                     |          |    |  |
| Blanking plug 1/ 8"                       | 2200211  | 10 |  |
| Blanking plug 1/ 4"                       | 2200212  | 10 |  |
| Blanking plug 3/ 8"                       | 2200213  | 10 |  |
| Blanking plug 1/ 2"                       | 2200214  | 10 |  |
| <b>Double nipple</b>                      |          |    |  |
| Double nipple G 1/8" x G 1/8"             | 2200122  | 10 |  |
| Double nipple G 1/4" x G 1/4"             | 2200123  | 10 |  |
| Double nipple G 1/4" x G 3/8"             | 2200124  | 10 |  |
| Double nipple G 1/4" x G 1/2"             | 2200125  | 10 |  |
| Double nipple G 3/8" x G 3/8"             | 2200126  | 10 |  |
| Double nipple G 3/8" x G 1/2"             | 2200127  | 10 |  |
| Double nipple G 3/8" x G 3/8" left.       | 2200130  | 10 |  |
| Double nipple G 1/2" x G 1/2"             | 2200128  | 10 |  |
| Double nipple G 1/2" x G 3/4"             | 2200129  | 10 |  |
| Double nipple G 3/4" x G 3/4"             | 2200136  | 10 |  |
| Double nipple G 3/4" x G 1"               | 2200137  | 10 |  |
| <b>Double nipple detachable</b>           |          |    |  |
| external thread 1/8" x 1/8"               | 2200300  | 10 |  |
| external thread 1/4" x 1/4"               | 2200301  | 10 |  |
| external thread 3/8" x 3/8"               | 2200302  | 10 |  |
| external thread 1/2" x 1/2"               | 2200303  | 10 |  |
| external thread 3/4" x 3/4"               | 2200304  | 10 |  |
| external thread 1" x 1"                   | 2200305  | 10 |  |

### QUALITY

- ▶ Very high flow rate
- ▶ High resistance
- ▶ Absolute tightness of the couplings and threads
- ▶ Plug-in nipples are not subjected to mechanical stress, so brass nipples also last longer

### COMFORT

- ▶ Safety clutches - incomparably easy to operate

### ECONOMIC BENEFITS AND STABILITY

- ▶ Unpressurised coupling
- ▶ Long clutch service life thanks to high-quality workmanship and reduced mechanical load

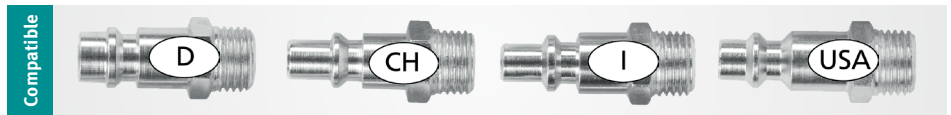
- ▶ Low energy costs due to the long-lasting tightness of the coupling

### OCCUPATIONAL SAFETY

- ▶ No parts and dirt particles are flung away
- ▶ No whipping of the hose line as with a conventional quick-disconnect coupling

## "Comfort" safety couplings

- ▶ Pressure-free coupling of the plug-in nipple systems from Germany, Switzerland, Italy and the USA



silicon-free

Patented safety

Coupling with external thread

Coupling with internal thread

Coupling with hose grommet

### Technical data

|                        |                                     |
|------------------------|-------------------------------------|
| Temperature            | -15 to 80 °C                        |
| Plug-in nipple systems | German, Swiss, Italian, us-american |
| Maximum pressure       | 20 bar                              |
| Flow rate at 6 bar     | 2,500 l/min                         |

### Model

| Model                            | Art. no. |
|----------------------------------|----------|
| 1/4" external thread             | 2203101  |
| 3/8" external thread             | 2203102  |
| 1/2" external thread             | 2203103  |
| 1/4" internal thread             | 2203104  |
| 3/8" internal thread             | 2203105  |
| 1/2" internal thread             | 2203106  |
| Coupling 8 mm with hose grommet  | 2203108  |
| Coupling 10 mm with hose grommet | 2203109  |

## One-hand safety couplings - Depressurisation and disconnection at the touch of a button

- ▶ Resistant to abrasion, impact loads and crushing, vibrations and corrosion
- ▶ Lightweight, antistatic and scratch-resistant material
- ▶ Ergonomic, compact shape for intuitive and natural handling
- ▶ The rotating housing means the control knob is easy to reach and the tool can be moved freely

silicon-free

Coupling with external thread

Coupling with hose grommet

Coupling with internal thread

Coupling with lock nut

Info & Video

### Technical data

|                       |                         |
|-----------------------|-------------------------|
| Temperature           | -20 to 80 °C            |
| Plug-in nipple system | DN 7.2 European profile |
| Maximum pressure      | 20 bar                  |

### Model

| Model                            | Art. no. |
|----------------------------------|----------|
| 1/4" external thread             | 2203632  |
| 3/8" external thread             | 2203635  |
| 1/2" external thread             | 2203638  |
| 1/4" internal thread             | 2203630  |
| 3/8" internal thread             | 2203633  |
| 1/2" internal thread             | 2203636  |
| Coupling 6 mm with hose grommet  | 2203631  |
| Coupling 8 mm with hose grommet  | 2203640  |
| Coupling 9 mm with hose grommet  | 2203634  |
| Coupling 13 mm with hose grommet | 2203637  |
| Lock nut for 5 mm spiral hose    | 2203639  |

| Model              | 2203632     | 2203635     | 2203638     | 2203630     | 2203633     | 2203636     | 2203631   | 2203634     | 2203637     | 2203639   | 2203640     |
|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|-------------|-----------|-------------|
| Flow rate at 6 bar | 1,840 l/min | 1,900 l/min | 1,900 l/min | 1,900 l/min | 1,900 l/min | 2,100 l/min | 850 l/min | 1,770 l/min | 1,840 l/min | 850 l/min | 1,530 l/min |

## Composite safety coupling

1 The air flow is cut off and the valve is depressurised

2 The nipple is unlocked by applying counter pressure to the quick-release coupling

3 The nipple can be easily removed without a pressure surge

Coupling with external thread

Coupling with internal thread

Coupling with hose grommet

### Technical data

|                       |                         |
|-----------------------|-------------------------|
| Temperature           | -25 to 50 °C            |
| Plug-in nipple system | DN 7.2 European profile |
| Maximum pressure      | 15 bar                  |

### Model

| Model                            | Art. no. |
|----------------------------------|----------|
| 1/4" external thread             | 2203620  |
| 3/8" external thread             | 2203621  |
| 1/2" external thread             | 2203622  |
| 1/4" internal thread             | 2203623  |
| 3/8" internal thread             | 2203624  |
| 1/2" internal thread             | 2203625  |
| Coupling 6 mm with hose grommet  | 2203626  |
| Coupling 9 mm with hose grommet  | 2203627  |
| Coupling 13 mm with hose grommet | 2203628  |

| Model              | 2203620     | 2203621     | 2203622     | 2203623     | 2203624     | 2203625     | 2203626   | 2203627   | 2203628     |
|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-----------|-------------|
| Flow rate at 6 bar | 1,229 l/min | 1,232 l/min | 1,237 l/min | 1,201 l/min | 1,203 l/min | 1,206 l/min | 631 l/min | 988 l/min | 1,201 l/min |

## AIRCRAFT oil-water separators - Economical and environmentally friendly

Oil-water separators are used to treat condensate containing oil. They represent an environmentally friendly and cost-saving solution for separating condensate and allow the water separated from the oil to be disposed of in the sewerage system in accordance with the provisions of § 7a of the German Water Resources Act. The condensate produced is waste, contaminated with up to 10000 mg/l of oil.

AIRCRAFT oil-water separation systems have building authority approval from the Institut für Bautechnik, Berlin. They enable you to treat condensate on site. As a rule, this is always cheaper than cost-intensive disposal by specialised companies.

**Simple gravity separators (oil separators) are not suitable for treating condensate from compressed air systems.**

According to the Water Resources Act § 7a, compressed air condensate may not be discharged into the sewage system without proper treatment according to the state of the art.

### AIRCRAFT WOS series oil/water separators

- ▶ Thanks to patented technology, regular servicing is possible in just 30 seconds and without time-consuming cleaning
- ▶ Wall and floor mounting possible
- ▶ Works reliably with any condensate drain
- ▶ Suitable for all common compressor oils
- ▶ Operating media: Condensate (air, water, oil), non-aggressive, not suitable for emulsion
- ▶ Quick and clean replacement of the filter cartridge
- ▶ No settling tank necessary (no bacteria formation)
- ▶ Connection via push-in

#### Functional description:

- ▶ Multi-stage oil-water separation via an oil-absorbing filter and activated carbon
- ▶ At the end of the filter element's service life, it is unscrewed and completely disposed of
- ▶ Filter element is tightly sealed with a plastic cover so that residual condensate remains inside
- ▶ Closed filter element can be disposed of in accordance with the applicable regulations



Fig. shows WOS 2/4/8/20/35

Replacement cartridges can be found in the AIRCRAFT main catalogue!

| Model                                  | WOS 1                               | WOS 2                    | WOS 4                     | WOS 8                    | WOS 20                    | WOS 35                    |
|--|-------------------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|
| Art no.                                | 2058210                             | 2058220                  | 2058230                   | 2058240                  | 2058250                   | 2058255                   |
| Compressor capacity max. <sup>1)</sup> | 1.08 m <sup>3</sup> /min            | 2.23 m <sup>3</sup> /min | 4.04 Nm <sup>3</sup> /min | 8.4 Nm <sup>3</sup> /min | 20.5 Nm <sup>3</sup> /min | 35.5 Nm <sup>3</sup> /min |
| Oil adsorption max.                    | 650 g                               | 1340 g                   | 2.43 kg                   | 5.04 kg                  | 12.28 kg                  | 21.31 kg                  |
| Condensate flow max.                   | 0.90 l/h                            | 1.87 l/h                 | 3.4 l/h                   | 7.1 l/h                  | 17.2 l/h                  | 29.8 l/h                  |
| Residual oil content                   | < 20 ppm                            | < 20 ppm                 | < 10 ppm                  | < 10 ppm                 | < 10 ppm                  | < 10 ppm                  |
| Operating temperature                  | 1.5 - 45°C (max 65°C) <sup>2)</sup> |                          |                           |                          |                           |                           |
| Condensate inlet, plug-in connection   | Ø 8 mm for hose                     |                          |                           | Ø 10 mm for hose         |                           |                           |
| Water drain, plug-in connection        | Ø 8 mm for hose                     |                          |                           | Ø 10 mm for hose         |                           |                           |
| Dimensions (L x W x H) approx.         | 483 x 146 x 106 mm                  | 816 x 146 x 106 mm       | 416 x 243 x 411 mm        | 730x343x680 mm           | 820x366x940 mm            | 960x386x1.137 mm          |

### Electronic steam traps AIED and AMD

#### AIED

- ▶ Fully automatic removal of condensate or non-aggressive liquids from mainly filter housings
- ▶ Condensate outlet without air loss as soon as the condensate level in the collection reservoir is high enough
- ▶ equipped with LED indicator and a test button

#### AMD

- ▶ Integrated sieve (easy access/cleaning)
- ▶ Patented valve technology – Direct-acting, self-cleaning valve
- ▶ Optimised for easy service (service kit)
- ▶ Horizontal or vertical installation possible
- ▶ Including 3 metre connection cable with Schuko plug



| Technical data         | AIED                               | AMD           |
|------------------------|------------------------------------|---------------|
| Art no.                | 2059075                            | AMD           |
| Filter capacity max.   | m <sup>3</sup> /min 55             | 74.4          |
| Operating pressure     | bar 0 – 16                         | 0 – 16        |
| Separation performance | l/h 8 (at 7 bar)                   | 12 (at 7 bar) |
| Operating temperature  | °C 1.5 – 45 (max 65) <sup>2)</sup> | 1.5 – 65      |
| Condensate feed        | G 1/2 parallel thread              | G 1/2         |
| Electrical connection  | V/Hz 230~ 50 Hz                    | 230~ 50 Hz    |

### Electronic steam traps BEKOMAT®

#### The advantages at a glance

- ▶ No unnecessary compressed air losses
- ▶ Derivation according to quantity
- ▶ Sensor detects every type of condensate
- ▶ Simple electrical installation (230 V)
- ▶ Low maintenance



BEKOMAT® 31

BEKOMAT® 32

| Technical data                            | BEKOMAT® 31             | BEKOMAT® 32 |
|---|-------------------------|-------------|
| Art no.                                   | 2049049                 | 2049053     |
| Art no. (with 2.5m cable and angled plug) | 2049057                 | 2049058     |
| Filter performance                        | m <sup>3</sup> /min 25  | 50          |
| Operating pressure                        | bar 0.8 – 16            | 0.8 – 16    |
| Compressor capacity                       | m <sup>3</sup> /min 2.5 | 5           |
| Dryer performance                         | m <sup>3</sup> /min 5   | 10          |
| Temperature                               | °C 1 – 60               | 1 – 60      |
| Electrical connection                     | V 230                   | 230         |

Service and maintenance kits can be found in the AIRCRAFT main catalogue!

<sup>1)</sup> These performance specifications apply to temperate climate zones (e.g. Central and Southern Europe, Central America). If required, please contact us for the compressor capacities for other climate zones. <sup>2)</sup> Max. Operating temperature at 65 °C, but if temperature is above 45 °C, performance may be affected

## SPECIALLY TAILORED TO YOUR NEEDS

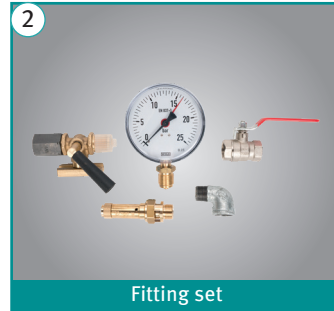


**Model** A-K-MAX 7.5-10  
**Art. no.** 2095404.2



**Model** DB VZ 500/11 V  
**Art. no.** 2500650

- Galvanised tank
- ▶ Without fitting set
  - ▶ 500 litres standing up
  - ▶ Maximum pressure: 11 bar
  - ▶ 690 x 640 x 1950 mm



**Model** Fitting set for DB VZ 500/11 V  
**Art. no.** 2500530

- ▶ Reducing nipple 1½" (AG) - ¾" (IG)
- ▶ Safety valve ¾" 10 bar
- ▶ 2 blind plugs 1¼"
- ▶ Reducing nipple 1" (AG) - ½" (IG)
- ▶ 2 pcs. elbow 90° ½" IG/AG
- ▶ Pressure gauge ½" 0-16 bar
- ▶ Blanking plug ½"
- ▶ Three-way ball valve ½"
- ▶ 2 pcs. ball valve 1¼" IG/AG
- ▶ Reducing nipple 1½" (AG) - ½" (IG)



**Model** AMD AIED  
**Art. no.** 2059080 2059075



**Model** ACKL 0155B  
**Art. no.** 2053012

- ▶ volume flow: 2557 l/min.
- ▶ Air connection: ½"
- ▶ max. operating pressure: 16 bar



**Model** AFF 0078  
**Art. no.** 2053232

- AAF 0078 up to 0.1 µm
- ▶ volume flow: 1300 l/min.
  - ▶ Air connection: ½"
  - ▶ volume flow: 7 bar



**Model** ANF 0078  
**Art. no.** 2053432

- ANF 0078 up to 0.01 µm
- ▶ volume flow: 1300 l/min.
  - ▶ Air connection: ½"
  - ▶ volume flow: 7 bar



**Model** AAF 0078  
**Art. no.** 2053532

- AAF 0078 up to 0.005 mg/m³
- ▶ volume flow: 1300 l/min.
  - ▶ Air connection: ½"
  - ▶ volume flow: 7 bar





Condensate conditioner for oil-water separation

|              |              |
|--------------|--------------|
| <b>Model</b> | <b>WOS 1</b> |
| Art. no.     | 2058210      |

|              |              |
|--------------|--------------|
| <b>Model</b> | <b>WOS 2</b> |
| Art. no.     | 2058220      |

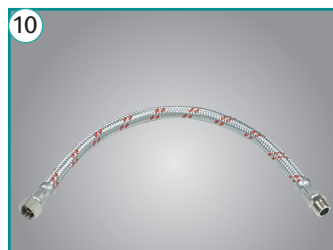
|              |              |
|--------------|--------------|
| <b>Model</b> | <b>WOS 8</b> |
| Art. no.     | 2058240      |



Compressed air energy saver

|              |           |           |
|--------------|-----------|-----------|
| <b>Model</b> | <b>G1</b> | <b>G2</b> |
| Art. no.     | 2150001   | 2150003   |

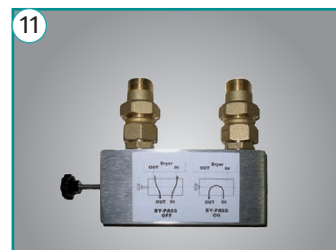
Energy saver  
 ► Opens and closes automatically.  
 Pressure range 0 - 16 bar



Armoured hose

|              |                           |
|--------------|---------------------------|
| <b>Model</b> | <b>Armoured hose 1/2"</b> |
|              | <b>1500 mm / 15 bar</b>   |
| Art. no.     | 25 07617                  |

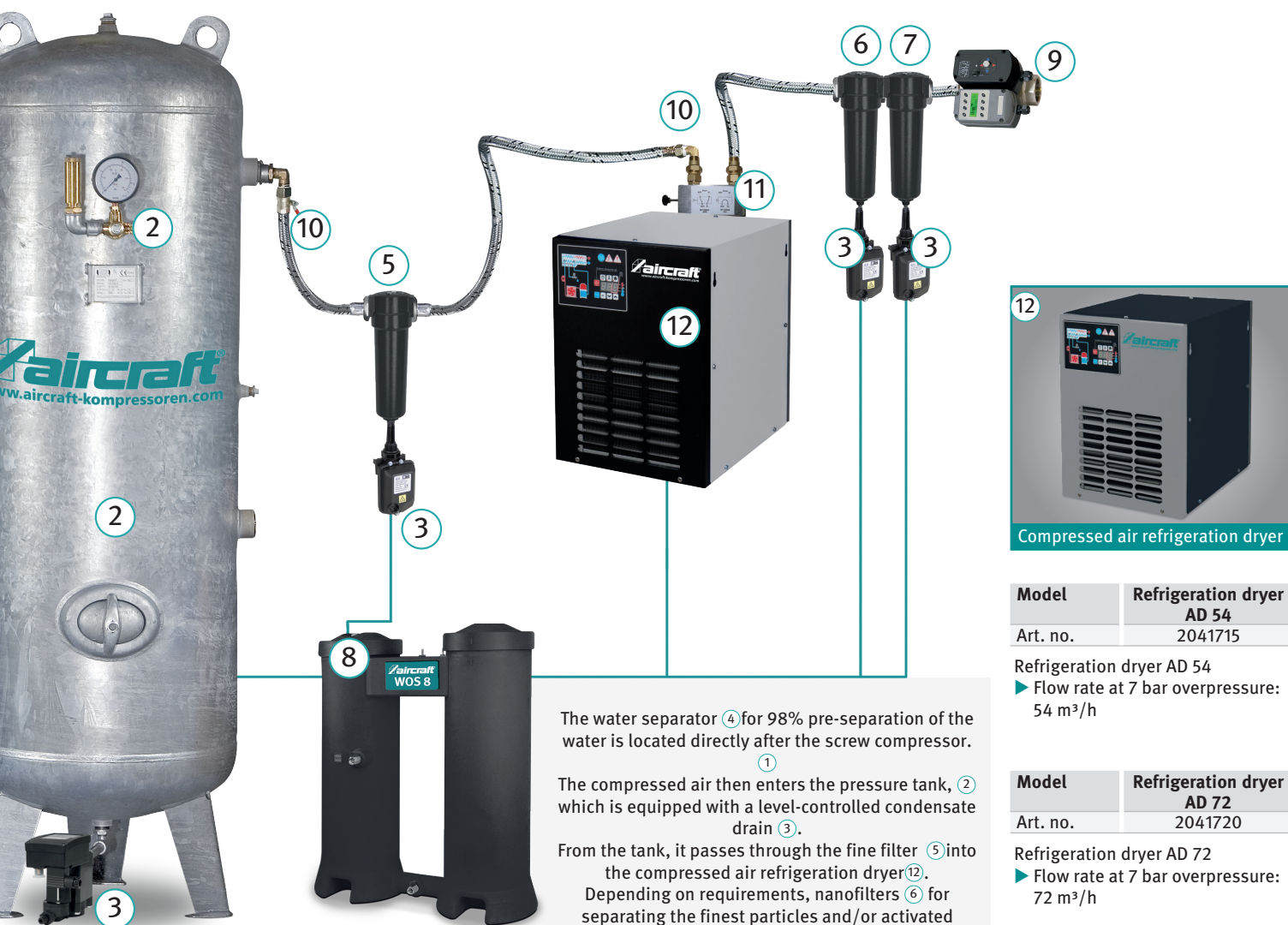
|              |                           |
|--------------|---------------------------|
| <b>Model</b> | <b>Armoured hose 3/4"</b> |
|              | <b>1500 mm / 15 bar</b>   |
| Art. no.     | 2507625                   |



Bypass

|              |                    |
|--------------|--------------------|
| <b>Model</b> | <b>Bypass 1/2"</b> |
| Art. no.     | 2041700            |

|              |                    |
|--------------|--------------------|
| <b>Model</b> | <b>Bypass 3/4"</b> |
| Art. no.     | 2041701            |



Compressed air refrigeration dryer

|              |                                  |
|--------------|----------------------------------|
| <b>Model</b> | <b>Refrigeration dryer AD 54</b> |
| Art. no.     | 2041715                          |

Refrigeration dryer AD 54  
 ► Flow rate at 7 bar overpressure: 54 m<sup>3</sup>/h

|              |                                  |
|--------------|----------------------------------|
| <b>Model</b> | <b>Refrigeration dryer AD 72</b> |
| Art. no.     | 2041720                          |

Refrigeration dryer AD 72  
 ► Flow rate at 7 bar overpressure: 72 m<sup>3</sup>/h

|              |                                   |
|--------------|-----------------------------------|
| <b>Model</b> | <b>Refrigeration dryer AD 108</b> |
| Art. no.     | 2041725                           |

Refrigeration dryer AD 108  
 ► Flow rate at 7 bar overpressure: 108 m<sup>3</sup>/h

The water separator ④ for 98% pre-separation of the water is located directly after the screw compressor.

The compressed air then enters the pressure tank, ② which is equipped with a level-controlled condensate drain ③.

From the tank, it passes through the fine filter ⑤ into the compressed air refrigeration dryer ⑫. Depending on requirements, nanofilters ⑥ for separating the finest particles and/or activated carbon filters ⑦

for separating even oil vapours, odours and flavours.

Screw and piston compressors can also be combined in one system, to cover peak loads.

Our matching auxiliary compressors from the Airprofi BK series can be found in this catalogue.

## Compressed air filters - Optimum air quality for all applications

- ▶ Compressed air filters are used for highly efficient removal of solid particles, water, oil, aerosols, hydrocarbons, odours and vapours from compressed air systems.
- ▶ In order to achieve the required compressed air quality, filters that gradually remove all types of solid and liquid impurities from the compressed air must be installed in the compressed air line

- Your advantages through better quality compressed air:
- ▶ Reliable filtration of both liquids such as water and aerosols as well as particles, dust and gases
  - ▶ Better working and production conditions
  - ▶ Optimum protection of connected tools and machines
  - ▶ Improved product quality by reducing rejects
  - ▶ Protection of the compressed air system against contamination
  - ▶ Increase productivity by reducing maintenance

### Pre-/Fine filtermodel series AFF

For separating solid contaminants down to 1µm, absolute compressed air quality in accordance with ISO 8573-1.

- ▶ For reliable separation of condensate and particles
- ▶ Complete with filter element and float valve

| Model    | Volume flow<br>m³/h   l/min<br>7 bar <sup>1)</sup> | Air connection | Height<br>mm | Width<br>mm | Filter cpl.<br>Art. no. | Replacement filter element<br>Art. no. |
|----------|--|----------------|--------------|-------------|-------------------------|--|
| AFF 0060 | 60   990   | 3/8"           | 187          | 88          | 2053230                 | 2053231                                |
| AFF 0078 | 78   1300  | 1/2"           | 187          | 88          | 2053232                 | 2053233                                |
| AFF 0120 | 120   1980   | 3/4"           | 257          | 88          | 2053234                 | 2053235                                |
| AFF 0198 | 198   3280   | 1"             | 263          | 125         | 2053236                 | 2053237                                |
| AFF 0335 | 335   5580   | 1"             | 363          | 125         | 2053238                 | 2053239                                |
| AFF 0510 | 510   8500   | 1 1/2"         | 461          | 125         | 2053240                 | 2053241                                |



### Ultra-fine filter model series ASF

For the separation of solid contaminants down to 0.1µm. Residual oil aerosol content up to 0.1 mg/m³ at 20 °C and 1 bar, absolute compressed air quality in accordance with ISO 8573-1.

- ▶ For reliable separation of condensate and particles
- ▶ Complete with filter element and float valve

| Model    | Volume flow<br>m³/h   l/min<br>7 bar <sup>1)</sup> | Air connection | Height<br>mm | Width<br>mm | Filter cpl.<br>Art. no. | Replacement filter element<br>Art. no. |
|----------|--|----------------|--------------|-------------|-------------------------|--|
| ASF 0060 | 60   990   | 3/8"           | 187          | 88          | 2053330                 | 2053331                                |
| ASF 0078 | 78   1300  | 1/2"           | 187          | 88          | 2053332                 | 2053333                                |
| ASF 0120 | 120   1980   | 3/4"           | 257          | 88          | 2053334                 | 2053335                                |
| ASF 0198 | 198   3280   | 1"             | 263          | 125         | 2053336                 | 2053337                                |
| ASF 0335 | 335   5580   | 1"             | 363          | 125         | 2053338                 | 2053339                                |
| ASF 0510 | 510   8500   | 1 1/2"         | 461          | 125         | 2053340                 | 2053341                                |



### Nanofilter model series ANF

for the separation of solid contaminants down to 0.01µm. Residual oil aerosol content up to 0.01 mg/m³ at 20 °C and 1 bar, absolute compressed air quality in accordance with ISO 8573-1.

- ▶ For reliable separation of condensate and particles
- ▶ Complete with filter element and float valve

| Model    | Volume flow<br>m³/h   l/min<br>7 bar <sup>1)</sup> | Air connection | Height<br>mm | Width<br>mm | Filter cpl.<br>Art. no. | Replacement filter element<br>Art. no. |
|----------|--|----------------|--------------|-------------|-------------------------|--|
| ANF 0060 | 60   990   | 3/8"           | 187          | 88          | 2053430                 | 2053431                                |
| ANF 0078 | 78   1300  | 1/2"           | 187          | 88          | 2053432                 | 2053433                                |
| ANF 0120 | 120   1980   | 3/4"           | 257          | 88          | 2053434                 | 2053435                                |
| ANF 0198 | 198   3280   | 1"             | 263          | 125         | 2053436                 | 2053437                                |
| ANF 0335 | 335   5580   | 1"             | 363          | 125         | 2053438                 | 2053439                                |
| ANF 0510 | 510   8500   | 1 1/2"         | 461          | 125         | 2053440                 | 2053441                                |



### Activated carbon filter model series AAF

for the separation of oil vapours, odours and flavours via adsorption and in the second stage of solid particles. Residual oil aerosol content up to 0.005 mg/m³ at 20 °C and 1 bar, absolute compressed air quality in accordance with ISO 8573-1

- ▶ For compressed air of the highest quality
- ▶ Ultra-pure compressed air in conjunction with an upstream ultra-fine filter
- ▶ With filter element and manual drain

| Model    | Volume flow<br>m³/h   l/min<br>7 bar <sup>1)</sup> | Air connection | Height<br>mm | Width<br>mm | Filter cpl.<br>Art. no. | Replacement filter element<br>Art. no. |
|----------|--|----------------|--------------|-------------|-------------------------|--|
| AAF 0060 | 60   990   | 3/8"           | 187          | 88          | 2053530                 | 2053531                                |
| AAF 0078 | 78   1300  | 1/2"           | 187          | 88          | 2053532                 | 2053533                                |
| AAF 0120 | 120   1980   | 3/4"           | 257          | 88          | 2053534                 | 2053535                                |
| AAF 0198 | 198   3280   | 1"             | 263          | 125         | 2053536                 | 2053537                                |
| AAF 0335 | 335   5580   | 1"             | 363          | 125         | 2053538                 | 2053539                                |
| AAF 0510 | 510   8500   | 1 1/2"         | 461          | 125         | 2053540                 | 2053541                                |



### Accessories

| Type     | MDM 60  | MDM 60 C | PD 16   |
|----------|---------|----------|---------|
| Art. no. | 2053062 | 2053066  | 2053060 |



## AD Compressed air refrigeration dryer - The efficient solution for dry compressed air

- ▶ User-friendly operating concept
- ▶ Efficient design for cost-effective and safe operation
- ▶ Cooling fan speed-controlled from 0 - 100%, eliminating the need for the usual pressure switch and thermostat for fan control
- ▶ Fewer wearing parts with a constant pressure dew point
- ▶ Control unit displays five different alarm statuses and stores them in the memory
- ▶ Refrigeration compressor switches off below 15° ambient temperature if no compressed air is flowing through it
- ▶ Clear arrangement and good accessibility of all components to be serviced
- ▶ With built-in automatic condensate drain
- ▶ Pressure dew point 5° C



### The advantages at a glance

- ▶ High economic efficiency
- ▶ Excellent price-performance ratio
- ▶ No unnecessary compressed air losses thanks to integrated electronic condensate drain
- ▶ Connected tools and machines are optimally protected
- ▶ User-friendly operating concept

| Art. no. | Designation |
|----------|-------------|
| 2041700  | Bypass 1/2" |
| 2041701  | Bypass 3/4" |



ASD 54

| Model  | Air volume flow<br>l/min. / m <sup>3</sup> /h |     | Refrigerant type | Quantity | Maximum pressure | Air connection | Power consumption | Weight | Dimensions L x W x H mm | Art. no. |
|--------|---|-----|------------------|----------|------------------|----------------|-------------------|--------|-------------------------|----------|
| AD 36  | 600   | 36  | R513a            | 170 g    | 16 bar           | 3/8"           | 0.12 kW           | 17 kg  | 305 x 360 x 404         | 2041710  |
| AD 54  | 900   | 54  | R513a            | 210 g    | 16 bar           | 1/2"           | 0.18 kW           | 24 kg  | 325 x 430 x 445         | 2041715  |
| AD 72  | 1200  | 72  | R513a            | 280 g    | 16 bar           | 1/2"           | 0.2 kW            | 24 kg  | 325 x 430 x 445         | 2041720  |
| AD 108 | 1800  | 108 | R513a            | 230 g    | 16 bar           | 1/2"           | 0.2 kW            | 24 kg  | 325 x 430 x 445         | 2041725  |
| AD 144 | 2400  | 144 | R513a            | 240 g    | 16 bar           | 3/4"           | 0.41 kW           | 31 kg  | 395 x 486 x 565         | 2041730  |
| AD 180 | 3000  | 180 | R513a            | 400 g    | 16 bar           | 3/4"           | 0.47 kW           | 36 kg  | 395 x 486 x 565         | 2041735  |
| AD 216 | 3600  | 216 | R513a            | 360 g    | 16 bar           | 3/4"           | 0.61 kW           | 40 kg  | 395 x 486 x 565         | 2041740  |
| AD 280 | 4666  | 280 | R407C            | 510 g    | 16 bar           | 1"             | 0.6 kW            | 59 kg  | 485 x 595 x 614         | 2041745  |
| AD 340 | 5666  | 340 | R407C            | 700 g    | 16 bar           | 1"             | 0.6 kW            | 60 kg  | 485 x 595 x 614         | 2041750  |

## ASD compressed air refrigeration dryers - Energy-saving, patented and pioneering

### The advantages at a glance

- ▶ Improved energy efficiency thanks to patented 3-circuit heat exchanger system
- ▶ Energy savings and longer service life by switching off the refrigeration compressor in partial load operation
- ▶ Optimum dew point control with additional temperature sensor for glycol control
- ▶ Condensate drainage without pressure loss thanks to integrated electronic, level-regulated condensate separator
- ▶ Optimum performance under all load and ambient conditions thanks to variable fan speed control
- ▶ Long service life and reduced service costs thanks to the use of quality components
- ▶ Reducing operating costs with active environmental protection
- ▶ Pressure dew point 3° C

| Art. no. | Designation |
|----------|-------------|
| 2041700  | Bypass 1/2" |
| 2041701  | Bypass 3/4" |



ASD 72



ASD 300

| Model   | Air volume flow<br>l/min. |     | Refrigerant type | Quantity | Maximum pressure | Air connection | Power consumption | Weight approx. | Dimensions L x W x H mm approx. | Art. no. |
|---------|---------------------------|-----|------------------|----------|------------------|----------------|-------------------|----------------|---------------------------------|----------|
| ASD 54  | 900                       | 54  | R513a            | 160 g    | 16 bar           | 1/2"           | 0.24 kW           | 33 kg          | 386 x 500 x 651                 | 2041810  |
| ASD 72  | 1200                      | 72  | R513a            | 160 g    | 16 bar           | 1/2"           | 0.29 kW           | 35 kg          | 386 x 500 x 651                 | 2041815  |
| ASD 108 | 1800                      | 108 | R513a            | 230 g    | 16 bar           | 3/4"           | 0.45 kW           | 45 kg          | 386 x 500 x 651                 | 2041820  |
| ASD 144 | 2400                      | 144 | R513a            | 210 g    | 16 bar           | 3/4"           | 0.51 kW           | 50 kg          | 386 x 500 x 651                 | 2041825  |
| ASD 180 | 3000                      | 180 | R513a            | 260 g    | 16 bar           | 1"             | 0.65 kW           | 60 kg          | 420 x 567 x 771                 | 2041830  |
| ASD 240 | 4000                      | 240 | R407C            | 400 g    | 16 bar           | 1"             | 0.64 kW           | 70 kg          | 420 x 567 x 771                 | 2041835  |
| ASD 300 | 5000                      | 300 | R407C            | 800 g    | 16 bar           | 1 1/2"         | 0.94 kW           | 95 kg          | 500 x 730 x 980                 | 2041840  |
| ASD 360 | 6000                      | 360 | R407C            | 800 g    | 16 bar           | 1 1/2"         | 0.94 kW           | 100 kg         | 500 x 730 x 980                 | 2041845  |
| ASD 480 | 8000                      | 480 | R407C            | 1,200 g  | 16 bar           | 1 1/2"         | 1.28 kW           | 130 kg         | 500 x 730 x 980                 | 2041850  |

## Compressed air hose reels and hose drums – suitable for every workshop

All compressed air hose reels and  
-hose reels **including**  
Quality coupling and plug-in nipple



Blue hose  
Polyurethane

- Resistant to oil
- Very flexible, tight bending radius possible
- Temperature resistant between -20°C and 80°C



Green hose  
Hybrid Polymer

- Hose remains flexible even at low temperatures
- Resistant to oil, grease, ozone, abrasion
- No permanent deformation



SAR 8/9

1



SAR 10/15  
SAR 10/20

2



SAR 8/10 SL  
SAR 8/18 SL

3



| Hose reel                      |     | 1               | 2               | 3               | 4               | 5               |                 |                 |                 |
|--------------------------------|-----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                |     | SAR 8/9         | SAR 10/15       | SAR 10/20       | SAR 8/10 SL     | SAR 8/18 SL     | SAR 9.5/15 PRO  | SAR 10/15 M PRO | SAR 10/20 M PRO |
| Art no.                        |     | 2105860         | 2105862         | 2105863         | 2105840         | 2105842         | 2105845         | 2105847         | 2105848         |
| Hose interior Ø                | mm  | 5               | 9.2             | 9.2             | 8               | 8               | 9.5             | 9.2             | 9.2             |
| Hose exterior Ø                | mm  | 12              | 14.5            | 14.5            | 12              | 12              | 13              | 15.2            | 15.2            |
| Hose length                    | m   | 9               | 15              | 20              | 10              | 18              | 15              | 15              | 20              |
| Connection hose length         | m   | 1               | 1.5             | 2               | 1               | 1               | 1               | 1.5             | 2               |
| Operating pressure             | bar | 16              | 16              | 16              | 15              | 15              | 15              | 16              | 16              |
| Dimensions (L x W x H) approx. | mm  | 332 x 140 x 268 | 409 x 165 x 336 | 526 x 200 x 397 | 380 x 200 x 300 | 380 x 200 x 300 | 420 x 190 x 330 | 400 x 196 x 418 | 508 x 203 x 427 |
| Weight approx.                 | kg  | 2.6             | 6.5             | 7.8             | 4.3             | 5.5             | 6.8             | 9.2             | 11.2            |

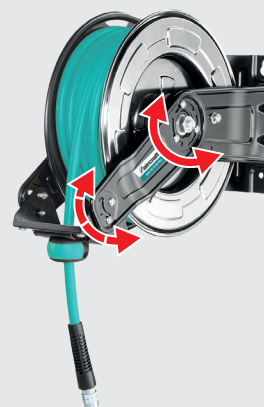
|  |  |                |                |                |         |         |       |                |                |
|--|--|----------------|----------------|----------------|---------|---------|-------|----------------|----------------|
| Hose material                                |  | Hybrid Polymer | Hybrid Polymer | Hybrid Polymer | PU      | PU      | PU    | Hybrid Polymer | Hybrid Polymer |
| Hose guide                                   |  | –              | •              | –              | –       | –       | –     | –              | –              |
| Bend protection                              |  | •              | •              | •              | •       | •       | •     | •              | •              |
| Return brake                                 |  | –              | –              | –              | •       | •       | –     | –              | –              |
| Hose temperature and oil resistant           |  | •              | •              | •              | •       | •       | •     | •              | •              |
| Hose resistant to abrasion, ozone and grease |  | •              | •              | •              | –       | –       | –     | •              | •              |
| Housing material                             |  | Plastic        | Plastic        | Plastic        | Plastic | Plastic | Metal | Metal          | Metal          |

### SAR 9.5/15 PRO



4

### SAR 10/15 M PRO SAR 10/20 M PRO



5

### SAR 8/9 TOP SAR 8/12 TOP



6

MADE IN ITALY

### SAR 8/15 SL TOP SAR 10/15 SL TOP SAR 10/20 SL TOP



7

MADE IN ITALY

### DST 8/32

- ▶ Folding handle
- ▶ Rubberised feet
- ▶ 360° rotatable at the base



8

### DST 10/30

- ▶ with wall bracket



9

| Hose reel                            |     | 6               |                 |                 | 7                |                  | 8               | 9               |
|--------------------------------------|-----|-----------------|-----------------|-----------------|------------------|------------------|-----------------|-----------------|
|                                      |     | SAR 8/9 TOP     | SAR 8/12 TOP    | SAR 8/15 SL TOP | SAR 10/15 SL TOP | SAR 10/20 SL TOP | DST 8/32        | DST 10/30       |
| Art no.                              |     | 2105820         | 2105825         | 2105821         | 2105822          | 2105823          | 2105832         | 2105834         |
| Hose interior Ø                      | mm  | 8               | 8               | 8               | 10               | 10               | 8               | 9.5             |
| Hose exterior Ø                      | mm  | 12              | 12              | 12              | 15               | 15               | 12              | 15.5            |
| Hose length                          | m   | 9               | 12              | 15              | 15               | 20               | 30              | 30              |
| Connection hose length               | m   | 1               | 1               | 1               | 1                | 1                | 1               | 1               |
| Operating pressure                   | bar | 10              | 10              | 15              | 15               | 15               | 15              | 20              |
| Dimensions (LxWxH) approx.           | mm  | 325 x 190 x 275 | 355 x 195 x 315 | 456 x 199 x 371 | 456 x 199 x 371  | 518 x 360 x 430  | 350 x 280 x 400 | 350 x 360 x 382 |
| Weight approx.                       | kg  | 3.4             | 4.1             | 5.1             | 5.6              | 8.6              | 8.5             | 17              |
| Hose material                        |     | PU              | PU              | PU              | PU               | PU               | PU              | Hybrid Polymer  |
| Hose guide                           |     | –               | –               | ●               | ●                | ●                | –               | –               |
| Bend protection                      |     | ●               | ●               | ●               | ●                | ●                | –               | ●               |
| Return brake                         |     | –               | ●               | –               | –                | ●                | –               | –               |
| Hose temperature and oil resistant   |     | ●               | ●               | ●               | ●                | ●                | ●               | ●               |
| Resistant to abrasion, ozone, grease |     | ●               | –               | –               | –                | –                | –               | –               |
| Housing material                     |     | Plastic         | Plastic         | Plastic         | Plastic          | Plastic          | Metal           | Metal           |

## Cable reel - for wall or ceiling suspension

- ▶ Automatic return brake
- ▶ Cable locking and automatic reeling by pulling
- ▶ Housing made of impact-resistant plastic
- ▶ Thermal overload protection

KAR PRO 3 x 1.5 10 m

- ▶ Automatic cable rewinder with spring drive
- ▶ Special cable locking device, easy to switch off and control

KAR 5 x 1.5 / 10 m

KAR 5 x 1.5 / 15 m

- ▶ Including phase inverter

KAR 3 x 1.5/15 SL

1



KAR 3 x 2.5 15 m

2

**new**



KAR 3 x 1.5 , 10 m  
KAR 3 x 1.5 , 15 m

3



KAR PRO 3x1.5 18 m  
KAR PRO 3x1.5 25 m

4

MADE IN ITALY



KAR PRO 3 x 1.5 10 m

5

MADE IN ITALY



KAR 5x1.5/10 SL  
KAR 5x1.5/15 SL

6



KAR 5 x 2.5 15 m

7

**new**



KAR 5 x 1.5 , 10 m  
KAR 5 x 1.5 , 20 m

8



| Cable reel                     |                 | 1                  | 2               | 3                | 4                | 5                    | 6                    | 7                   | 8                  |                    |                 |                   |                   |
|--------------------------------|-----------------|--------------------|-----------------|------------------|------------------|----------------------|----------------------|---------------------|--------------------|--------------------|-----------------|-------------------|-------------------|
|                                |                 | KAR 3 x 1.5 /15 SL | KAR 3x2,5 15 m  | KAR 3 x 1.5 10 m | KAR 3 x 1.5 15 m | KAR PRO 3 x 1.5 18 m | KAR PRO 3 x 1.5 25 m | KAR PRO 3 x 1.5 10m | KAR 5 x 1.5 /10 SL | KAR 5 x 1.5 /15 SL | KAR 5x2,5 15 m  | KAR 5 x 1.5 10 m  | KAR 5 x 1.5 20 m  |
| Art no.                        |                 | 2161300            | 2161305         | 2161010          | 2161015          | 2162318              | 2162325              | 2164021             | 2161310            | 2161315            | 2161317         | 2164010           | 2164020           |
| Cable quality                  |                 | H05RR-F            | H05RR-F         | H05RR-F          | H05RR-F          | H05VV-F              | H05VV-F              | H05VV-F             | H07RN-F            | H05RR-F            | H05RR-F         | H05VV-F           | H05VV-F           |
| Number of cores                |                 | 3                  | 3               | 3                | 3                | 3                    | 3                    | 5                   | 5                  | 5                  | 5               | 5                 | 5                 |
| Core cross-section             | mm <sup>2</sup> | 1.5                | 2.5             | 1.5              | 1.5              | 1.5                  | 1.5                  | 1.5                 | 1.5                | 1.5                | 2.5             | 1.5               | 1.5               |
| Cable length                   | m               | 15                 | 15              | 10               | 15               | 18                   | 25                   | 10                  | 10                 | 15                 | 15              | 10                | 20                |
| Connection cable length        | m               | 1                  | 1               | 1                | 1                | 1                    | 1                    | 1                   | 1                  | 1                  | 1               | 1                 | 1                 |
| Power rolled up                | W               | 1000               | 1600            | 1500             | 1500             | 800                  | 800                  | 800                 | 3 x 1000           | 1600               | 1600            | 1000              | 1000              |
| Power rolled up                | W               | 2300               | 3200            | 3200             | 3200             | 2000                 | 2000                 | 2000                | 3 x 2300           | 3200               | 3200            | 3000              | 3000              |
| Protection class               |                 | IP44               | IP44            | IP44             | IP44             | IP24                 | IP24                 | N.L.                | IP42               | IP44               | IP44            | IP24              | IP24              |
| Supply voltage                 | V               | 230                | 230             | 230              | 230              | 230                  | 230                  | 230                 | 400                | 400                | 400             | 400               | 400               |
| Plug                           |                 | Schuko             | Schuko          | Schuko           | Schuko           | Schuko               | Schuko               | Schuko              | 5 x 16 A Euronorm  | 5 x 16 A           | 5 x 16 A        | 5 x 16 A Euronorm | 5 x 16 A Euronorm |
| Mounting height                | m               | 1.2-1.5            | N.L.            | 1.2-1.5          | 1.2-1.5          | 1.2-1.5              | 1.2-1.5              | 1.2-1.5             | N.L.               | N.L.               | N.L.            | N.L.              | N.L.              |
| Dimensions (L x W x H) approx. | mm              | 384 x 322 x 198.5  | 384 x 322 x 199 | 280 x 120 x 270  | 280 x 120 x 270  | 360 x 330 x 200      | 420 x 390 x 200      | 310 x 160 x 265     | 384 x 322 x 198.5  | 384 x 322 x 199    | 384 x 322 x 199 | 360 x 330 x 260   | 420 x 390 x 260   |
| Weight approx.                 | kg              | 7.5                | 7.2             | 5.5              | 5.5              | 4.8                  | 8.3                  | 3.8                 | 6.5                | 8.3                | 9.2             | 5.3               | 9.8               |

## COMPRESSED AIR HOSES

### Flexair-Compressed air hose



Extremely flexible fabric compressed air hose—even at low temperatures

- ▶ With coupling and nozzle
- ▶ Particularly resistant to compressed air containing oil
- ▶ Can be used in temperature ranges between -30°C and 60°C

| Art.no.                 | 2105410 | 2105420 | 2105510 | 2105520 |
|-------------------------|---------|---------|---------|---------|
| Max. operating pressure | 15 bar  | 15 bar  | 15 bar  | 15 bar  |
| Internal ø              | 6 mm    | 6 mm    | 9 mm    | 9 mm    |
| External-ø              | 10.7 mm | 10.7 mm | 14.5 mm | 14.5 mm |
| Length                  | 10 m    | 20 m    | 10 m    | 20 m    |
| Thread                  | 1/4"    | 1/4"    | 1/4"    | 1/4"    |



Quality Made in Germany

### Hybrid SuperFlex - Compressed air hose



Hybrid SuperFlex with quick coupling and plug-in spout



- ▶ Hybrid polymer material with fabric insert - at low temperatures extremely flexible
- ▶ Abrasion-resistant and highly resistant to environmental influences such as UV light, oil and ozone
- ▶ Significantly lighter than rubber hoses
- ▶ Can be used in temperature ranges between -40°C and 80°C

| Art.no.                 | 2105310 | 2105320 | 2105350 |
|-------------------------|---------|---------|---------|
| Max. operating pressure | 20 bar  | 20 bar  | 20 bar  |
| Internal ø              | 10 mm   | 10 mm   | 10 mm   |
| External-ø              | 16 mm   | 16 mm   | 16 mm   |
| Length                  | 10 m    | 20 m    | 50 m    |
| Thread                  | 1/4"    | 1/4"    | without |



Extremely flexible fabric compressed air hose Even at low temperatures

PU hose without quick coupling and plug-in nozzle



### Flexair-Compressed air hose without couplings



Quality Made in Germany

Extremely flexible fabric compressed air hose—even at low temperatures

- ▶ Without coupling and nozzle
- ▶ Particularly resistant to compressed air containing oil
- ▶ Can be used in temperature ranges between -30°C and 60°C

| Art.no.                 | 2105450 | 2105550 | 2105750 |
|-------------------------|---------|---------|---------|
| Max. operating pressure | 15 bar  | 15 bar  | 15 bar  |
| Internal ø              | 6 mm    | 9 mm    | 13 mm   |
| External-ø              | 10.7 mm | 14.5 mm | 19 mm   |
| Length                  | 50 m    | 50 m    | 50 m    |

### Antistatic compressed air hose

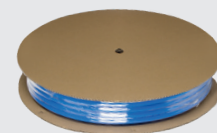


- ▶ Ensures electrostatic contact (106 Ωm) when attaching the hose to the couplings
- ▶ Flexible and wear-resistant
- ▶ Can be used in temperature ranges between -20°C and 60°C



| Art.no.                 | 2100110 | 2100101 |
|-------------------------|---------|---------|
| Max. operating pressure | 16 bar  | 16 bar  |
| Bursting pressure       | 60 bar  | 60 bar  |
| Internal ø              | 9 mm    | 9 mm    |
| External-ø              | 16 mm   | 16 mm   |
| Length                  | 10 m    | 50 m    |
| Thread                  | 1/4"    | without |

### Quality Compressed air hose PRO



▶ PU hose with coupling and grommet  
◀ PU hose without coupling and grommet

- ▶ Highly flexible and abrasion-resistant
- ▶ made of polyurethane
- ▶ With fabric insert - fabric-reinforced
- ▶ For professional use
- ▶ Can be used in temperature ranges between -40° and +75°

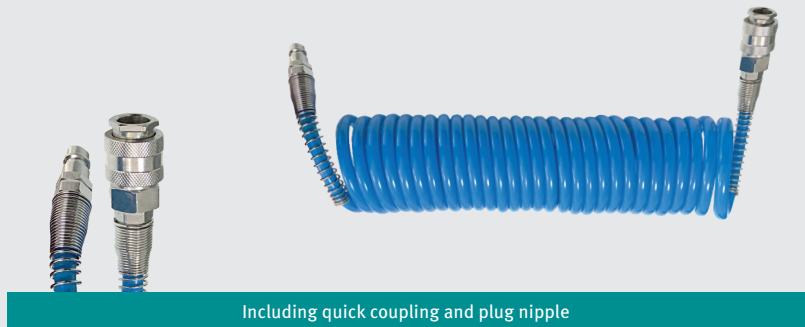
| Art.no.                 | 2106910 | 2106950 | 2106970 |
|-------------------------|---------|---------|---------|
| Max. operating pressure | 15 bar  | 15 bar  | 15 bar  |
| Internal ø              | 8 mm    | 8 mm    | 13 mm   |
| External-ø              | 12 mm   | 12 mm   | 19 mm   |
| Length                  | 10 m    | 50 m    | 50 m    |
| Thread                  | 1/4"    | 1/4"    | without |

## SPIRAL HOSES

### Spiral hose – made of polyurethane

- ▶ Can be used in temperature ranges between -15°C and 60°C

| Art.no.                 | 2115605 | 2115608 | 2115610 |
|-------------------------|---------|---------|---------|
| Max. operating pressure | 8 bar   | 8 bar   | 8 bar   |
| Internal ø              | 6 mm    | 9 mm    | 8 mm    |
| External-ø              | 8 mm    | 8 mm    | 12 mm   |
| Length                  | 5 m     | 7.5 m   | 10 m    |
| Thread                  | 1/4"    | 1/4"    | 1/4"    |



Including quick coupling and plug nipple

### Quality spiral hose made of polyurethane

- ▶ Can be used in temperature ranges between -20°C and 60°C
- ▶ No hose twisting thanks to swivel joint
- ▶ Highly flexible and abrasion-resistant

| Art.no.                 | 2105870 | 2105871 | 2105872 | 2105873 | 2105874 | 2105875 |
|-------------------------|---------|---------|---------|---------|---------|---------|
| Max. operating pressure | 10 bar  | 10 bar  | 10 bar  | 10 bar  | 9 bar   | 9 bar   |
| Internal ø              | 5 mm    | 6.5 mm  | 6.5 mm  | 6.5 mm  | 8 mm    | 8 mm    |
| External-ø              | 8 mm    | 10 mm   | 10 mm   | 10 mm   | 12 mm   | 12 mm   |
| Length                  | 3 m     | 5 m     | 7.5 m   | 10 m    | 7.5 m   | 10 m    |
| Thread                  | 1/4"    | 1/4"    | 1/4"    | 1/4"    | 1/4"    | 1/4"    |



Including one-hand safety coupling see p. AC 36 and plug nipple

## COMPRESSED AIR SETS

### Quality compressed air sets

- ▶ Practical sets with pneumatic tools
- ▶ Well suited for beginners

#### 6-part set

- ▶ Art no. 2102006
- ▶ Blow gun short,
- ▶ Tyre inflator SD,
- ▶ High-quality spiral hose made of PU
- ▶ Adapter set 3-part

#### 7-part set

- ▶ Art no. 2102007
- ▶ Blow gun short,
- ▶ Tyre inflator SD,
- ▶ High-quality spiral hose made of PU
- ▶ Adapter set 3-part
- ▶ Paint spray gun

#### 8-part set

- ▶ Art no. 2102008
- ▶ Blow gun short,
- ▶ Tyre inflator SD,
- ▶ High-quality spiral hose made of PU
- ▶ Adapter set 3-part
- ▶ Paint spray gun
- ▶ Oil spray gun



## TYRE PRESSURE GAUGES

### SD/ SD-G

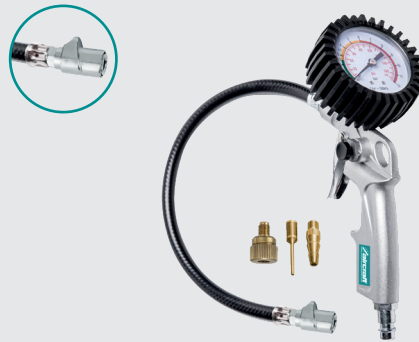
- ▶ With quick connector
- ▶ SD-G calibrated



| Technical data       | SD          | SD-G       |
|----------------------|-------------|------------|
| Art no.              | 2102300     | 2102350    |
| Working pressure max | 8 bar       | 10 bar     |
| Measuring range      | 0 – 8.5 bar | 0 – 10 bar |
| Weight approx.       | 0.39 kg     | 0.39 kg    |

### Set with quick-lock

- ▶ Includes 3-piece nozzle set
- ▶ **patented Quick-Lock torque clip**



| Technical data       | Quick-Lock |
|----------------------|------------|
| Art no.              | 2102370    |
| Working pressure max | 10 bar     |
| Measuring range      | 0 – 12 bar |
| Weight approx.       | 0.35 kg    |

### PRO-E

- ▶ Suitable for tyre gas
- ▶ Professional version with toggle lever plug
- ▶ High-quality, precisely readable pressure gauge



| Technical data       | PRO-E      |
|----------------------|------------|
| Art no.              | 2102700    |
| Working pressure max | 10 bar     |
| Measuring range      | 0 – 10 bar |
| Weight approx.       | 0.47 kg    |

### PRO DIGITAL

- ▶ For checking and inflating tyres
- ▶ Pressure gauge is well protected against shocks
- ▶ Professional version
- ▶ With quick connector



| Technical data       | Pro Digital |
|----------------------|-------------|
| Art no.              | 2102880     |
| Working pressure max | 10 bar      |
| Measuring range      | 0 – 12 bar  |
| Weight approx.       | 0.35 kg     |

### PLUS DIGITAL

- ▶ High measuring accuracy of 0.01 bar
- ▶ Dust and waterproof to IP65
- ▶ **airtight, patented QT quick connector**



| Technical data       | PLUS DIGITAL |
|----------------------|--------------|
| Art no.              | 2102885      |
| Working pressure max | 10 bar       |
| Measuring range      | 0.2 – 10 bar |
| Weight approx.       | 0.36 kg      |

### PRO-G 63

- ▶ Easy inflation and deflation the air with two buttons
- ▶ Calibrated version
- ▶ Incl. 750 mm rubber hose with car adapter



calibrated

| Technical data       | PRO-G 63   |
|----------------------|------------|
| Art no.              | 2102870    |
| Working pressure max | 10 bar     |
| Measuring range      | 0 – 10 bar |
| Weight approx.       | 0.50 kg    |

### PRO-G

- ▶ High-quality, precisely readable pressure gauge
- ▶ With quick connector
- ▶ Professional version



calibrated

| Technical data       | PRO        | PRO-G      |
|----------------------|------------|------------|
| Art no.              | 2102500    | 2102600    |
| Working pressure max | 12 bar     | 12 bar     |
| Measuring range      | 0 – 10 bar | 0 – 10 bar |
| Weight approx.       | 0.58 kg    | 0.58 kg    |

### PRO-G H / PRO-G DUO

- ▶ Suitable for (nitrogen) tyre gas
- ▶ Double scale pressure gauge for two reading ranges
- ▶ **PRO-G H:** with lever plug
- ▶ **PRO-G DUO:** Universal cranked double petrol station plugs



calibrated

calibrated

| Technical data        | PRO-G H    | PRO-G DUO  |
|-----------------------|------------|------------|
| Art no.               | 2102800    | 2102850    |
| Working pressure max. | 10 bar     | 12 bar     |
| Measuring range       | 0 – 10 bar | 0 – 12 bar |
| Weight approx.        | 0.90 kg    | 1.00 kg    |

### PRO-G KOMPAKT

- ▶ Suitable for (nitrogen) tyre gas
- ▶ made of aluminium with lever plug



calibrated

| Technical data       | PRO-G KOMPAKT |
|----------------------|---------------|
| Art no.              | 2103010       |
| Working pressure max | 10 bar        |
| Measuring range      | 0 – 10 bar    |
| Weight approx.       | 0.60 kg       |



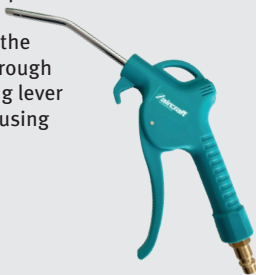
Quick-Lock torque plug nipple  
Art no. 2102371

- ▶ Suitable for all Aircraft tyre inflators

## BLOWGUNS

### BP PRO blow gun

- ▶ BP PRO blow gun
- ▶ For quick cleaning of large areas and hard-to-reach places
- ▶ Stepless regulation of the air volume through long operating lever
- ▶ All-plastic housing



| Technical data      | BP PRO         |
|---------------------|----------------|
| Art no.             | 2112120        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 2 – 8 bar      |
| Max. inlet pressure | 11 bar         |
| Weight approx.      | 0.14 kg        |

### BP PRO SAFE blow gun

- ▶ On contact with the surface the outlet pressure is limited to below 2 bar
- ▶ Reduces the risk of injury
- ▶ Stepless regulation of the air volume using a long operating lever



| Technical data      | BP PRO SAFE    |
|---------------------|----------------|
| Art no.             | 2112128        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 2 – 8 bar      |
| Max. inlet pressure | 11 bar         |
| Weight approx.      | 0.14 kg        |

### BP PRO SIL blow gun

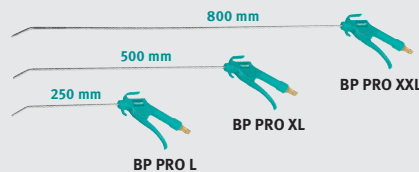
- ▶ Star-tip nozzle for optimum damping
- ▶ Complies with OSHA standards
- ▶ Stepless regulation of the air volume using a long operating lever
- ▶ All-plastic housing



| Technical data      | BP PRO SIL     |
|---------------------|----------------|
| Art no.             | 2112127        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 2 – 8 bar      |
| Max. inlet pressure | 11 bar         |
| Weight approx.      | 0.15 kg        |

### BP PRO blow gun

- ▶ For hard-to-reach places
- ▶ Stepless regulation of the air volume using a long operating lever
- ▶ All-plastic housing - no cold hands



| Technical data      | L                 | XL      | XXL     |
|---------------------|-------------------|---------|---------|
| Art no.             | 2112123           | 2112124 | 2112125 |
| Air requirement Ø   | approx. 150 l/min |         |         |
| Working pressure    | 2 – 8 bar         |         |         |
| Max. inlet pressure | 11 bar            |         |         |
| Weight approx.      | 0.16 kg           | 0.18 kg | 0.22 kg |

### BP PRO G blow gun

- ▶ Particularly suitable for sensitive surfaces
- ▶ Nozzle tip with removable rubber coating prevents scratches
- ▶ All-plastic housing
- ▶ Stepless regulation of the air volume using a long operating lever



| Technical data      | BP PRO G       |
|---------------------|----------------|
| Art no.             | 2112121        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 2 – 8 bar      |
| Max. inlet pressure | 11 bar         |
| Weight approx.      | 0.14 kg        |

### BPI PRO blow gun

- ▶ With injector nozzle, approx. 100% higher air volume due to Venturi nozzle
- ▶ For quick cleaning, also for hard-to-reach areas
- ▶ For professional use



| Technical data      | BPI PRO   |
|---------------------|-----------|
| Art no.             | 2102170   |
| Air requirement Ø   | 150 l/min |
| Working pressure    | 6 bar     |
| Inlet pressure max. | 16 mm     |
| Weight approx.      | 0.27 kg   |

### Accessories: Protective shield for BP PRO blowguns

- ▶ Ideal for blowing out blind holes
- ▶ Prevents the rebound of chips, coolant, etc.
- ▶ Suitable for nozzle tube OD 6 mm

#### Not suitable for:

- BPK (2112100)
- BP PRO R (2112130)



| Technical data | Protective shield |
|----------------|-------------------|
| Art no.        | 2112150           |
| Outer Ø        | 100 mm            |
| Weight approx. | 0.03 kg           |

### BP PRO R blow gun

- ▶ Control screw for presetting the maximum volume flow
- ▶ Particularly suitable for sensitive surfaces
- ▶ Nozzle tip with removable rubber coating prevents scratches
- ▶ Stepless regulation of the air volume using a long operating lever
- ▶ All-plastic housing



| Technical data      | BP PRO R       |
|---------------------|----------------|
| Art no.             | 2112130        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 2 – 8 bar      |
| Max. inlet pressure | 11 bar         |
| Weight approx.      | 0.14 kg        |

### BP PRO V blow gun

- ▶ Approx. 100 % higher air volume due to Venturi nozzle
- ▶ Stepless regulation of the air volume using a long operating lever
- ▶ With all-plastic housing - no cold hands



| Technical data      | BP PRO V       |
|---------------------|----------------|
| Art no.             | 2112122        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 2 – 8 bar      |
| Max. inlet pressure | 11 bar         |
| Weight approx.      | 0.15 kg        |

## BLOWGUNS

### Blow gun BPK

- ▶ The right blowgun for every application in production, the workshop, on the car or in the home
- ▶ For professional use
- ▶ Handy, robust aluminium design



| Technical data      | BPK            |
|---------------------|----------------|
| Art no.             | 2112100        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 6 bar          |
| Inlet pressure max. | 6 bar          |
| Weight approx.      | 0.18 kg        |

### Blow gun BPL

- ▶ The right blowgun for every application in production, the workshop, on the car or in the home
- ▶ Handy, robust aluminium design



| Technical data      | BPL            |
|---------------------|----------------|
| Art no.             | 2112110        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 6 bar          |
| Blowpipe length     | 160 mm         |
| Inlet pressure max. | 6 bar          |
| Weight approx.      | 0.22 kg        |

### BP PRO-E blow gun

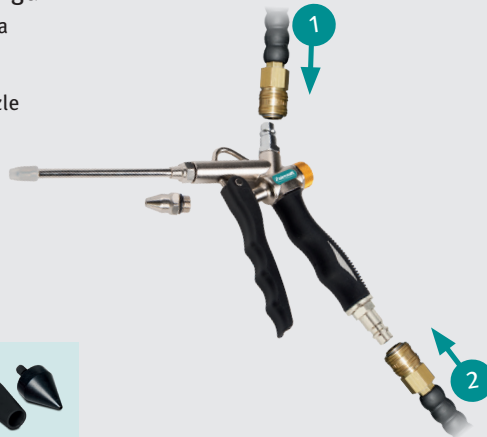
- ▶ Dosing via anodised actuating lever
- ▶ Gun mould made from forged aluminium



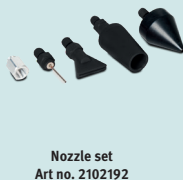
| Technical data    | BP PRO-E   |
|-------------------|------------|
| Art no.           | 2102181    |
| Air requirement Ø | 150 l/min  |
| Working pressure  | 10 bar     |
| Nozzle Ø          | 1.5 mm     |
| Nozzle thread     | M12 x 1 mm |
| Weight approx.    | 0.24 kg    |

### BP PRO DUO professional blow gun

- ▶ Fine adjustment of the air volume via operating lever and control screw
- ▶ Including interchangeable long nozzle (112 mm) and short nozzle
- ▶ Hose connection at the top ① and bottom ② possible



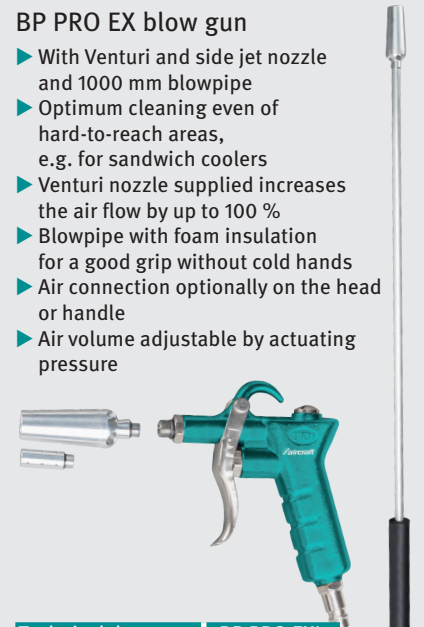
- Accessories:
- ▶ Nozzle set for blow gun 5-piece Ø 35mm
  - ▶ Adapter piece
  - ▶ Venturi nozzle
  - ▶ Fan nozzle
  - ▶ Ball inflation needle



| Technical data      | BP PRO DUO     |
|---------------------|----------------|
| Art no.             | 2102190        |
| Air requirement Ø   | 80 – 300 l/min |
| Working pressure    | 2 – 8 bar      |
| Max. inlet pressure | 10 bar         |
| Weight approx.      | 0.20 kg        |

### BP PRO EX blow gun

- ▶ With Venturi and side jet nozzle and 1000 mm blowpipe
- ▶ Optimum cleaning even of hard-to-reach areas, e.g. for sandwich coolers
- ▶ Venturi nozzle supplied increases the air flow by up to 100 %
- ▶ Blowpipe with foam insulation for a good grip without cold hands
- ▶ Air connection optionally on the head or handle
- ▶ Air volume adjustable by actuating pressure



| Technical data      | BP PRO EXL        |
|---------------------|-------------------|
| Art no.             | 2102185           |
| Air requirement Ø   | approx. 150 l/min |
| Working pressure    | 6 bar             |
| Inlet pressure max. | 10.6 bar          |
| Nozzle tube length  | 1,000 mm          |
| Nozzle tube outer Ø | 12 mm             |
| Weight approx.      | 0.46 kg           |

### Suction/blow gun SBP

- ▶ Suitable for **vacuuming** and **blowing off** surfaces
- ▶ With flexible, extendable hose
- ▶ In a practical plastic case
- ▶ Average air requirement



| Technical data          | SBP       |
|-------------------------|-----------|
| Art no.                 | 2102100   |
| Air requirement Ø       | 150 l/min |
| Working pressure        | 6.3 bar   |
| Sound pressure level Lp | 97 dB(A)  |
| Air connection          | 1/4"      |

### Blow pin BST

- ▶ Attachment clip - Air volume adjustable by turning
- ▶ Can be connected directly to quick coupling



| Technical data      | BST       |
|---------------------|-----------|
| Art no.             | 2112115   |
| Air requirement Ø   | 156 l/min |
| Working pressure    | 6 bar     |
| Nozzle opening      | 2 mm      |
| Inlet pressure max. | 12 bar    |

### BPS Soft PRO blow gun

- ▶ Handy blow-out gun for small blow-out jobs
- ▶ Actuation by light pressure on the tip of the gun
- ▶ Air volume adjustable by actuating pressure



BPS Soft PRO  
Art no. 2102130

## PAINT SPRAY GUNS

### Paint spray gun FSP S1 HVLP - Professional low-pressure spray gun for the application of low-viscosity paints

- ▶ Well suited for applying automotive paints, painter's colours or glazes
- ▶ Infinitely adjustable for round and wide jet
- ▶ Reduced rebound and spray mist due to the low atomisation pressure
- ▶ Reduction in paint consumption
- ▶ Very efficient material application
- ▶ Reduction of "overspray" and therefore paint waste
- ▶ Savings on disposal costs

### FSP S1 LVMP paint spray gun - Professional paint spray gun for the application of thin paints

- ▶ Works with a low air volume and generates a medium air pressure in the gun
- ▶ Infinitely adjustable for round and wide jet

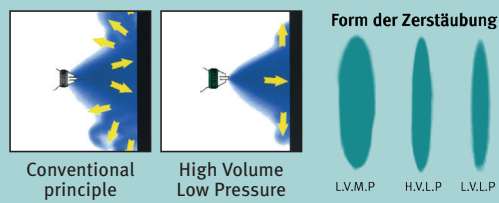


FSP S1 HVLP



FSP S1 LVMP

#### Advantage HVLP system:



Conventional principle

High Volume Low Pressure

Form der Zerstäubung

LV.M.P.

H.V.L.P.

L.V.L.P.

| Technical data                | FSP S1 HVLP     | FSP S1 LVMP     |
|-------------------------------|-----------------|-----------------|
| Art no.                       | 2101640         | 2101645         |
| Air requirement Ø             | 400 – 450 l/min | 250 – 300 l/min |
| Plastic flow cup              | 600 ml          | 600 ml          |
| Nozzle                        | 1.3 mm          | 1.3 mm          |
| Recommended painting distance | 17 cm           | 20 cm           |
| Working pressure              | 2 bar           | 2.5 bar         |
| Connection thread             | 1/4"            | 1/4"            |
| Weight approx.                | 0.5 kg          | 0.5 kg          |

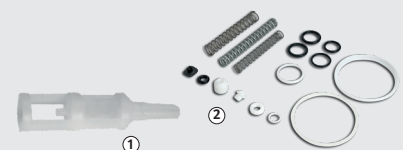
#### Scope of delivery:

- ▶ Open-end spanner
- ▶ 2 cleaning brushes
- ▶ Allen key
- ▶ Needle
- ▶ Filters
- ▶ Compressed air plug-in nipple
- ▶ 1.3 mm nozzle with sealing ring



### HVLP-2 PRO paint spray gun

- ▶ Infinitely adjustable for round and wide jet
- ▶ Infinitely variable colour volume regulation and air volume regulation
- ▶ In a practical storage case with set of wearing parts, inline pressure regulator and three paint filters



| Technical data    | HVLP-2 PRO      |
|-------------------|-----------------|
| Art no.           | 2101740         |
| Air requirement Ø | 220 – 260 l/min |
| Plastic flow cup  | 680 ml          |
| Nozzle            | 1.5 mm          |
| Working pressure  | 2 – 2.5 bar     |
| Weight approx.    | 0.547 kg        |

| Accessories                 | Art. no. |
|-----------------------------|----------|
| Nozzle set 1.3 mm           | 2101750  |
| Nozzle set 1.5 mm           | 2101751  |
| Nozzle set 1.7 mm           | 2101752  |
| Nozzle set 1.9 mm           | 2101753  |
| Nozzle set 2.2 mm           | 2101754  |
| Replacement flow cup        | 2101760  |
| ① Paint filter (PU 10 pcs.) | 2101703  |
| ② Repair kit                | 2101761  |

## AIR BRUSH SETS

### Air Brush Set AS

- ▶ Practical one-hand operation for colour and air volume regulation
- ▶ Paint container 22 cm<sup>3</sup>, 50 cm<sup>3</sup> made of glass and 5 cm<sup>3</sup> made of metal
- ▶ Connection hose 2 m
- ▶ Gun holder
- ▶ 1/4" connection reducing nipple and open-end spanner



| Accessories             | Art no. |
|-------------------------|---------|
| Spare nozzle set 0.3 mm | 2101050 |

### Decorating gun ES-2

- ▶ Adjustable round and wide jet nozzle 0.5 mm
- ▶ With colour volume control
- ▶ For perfect painting results in the automotive or wood sector



| Technical data    | ES        |
|-------------------|-----------|
| Art no.           | 2101270   |
| Tank volume       | 200 ml    |
| Working pressure  | 3 – 4 bar |
| Air requirement Ø | 30 - 60 l |
| Weight approx.    | 0.40 kg   |

### SD paint spray gun

- ▶ For universal application
- ▶ Infinitely adjustable for round and flat jet
- ▶ With colour volume control



| Technical data    | SD          |
|-------------------|-------------|
| Art no.           | 2101400     |
| Plastic flow cup  | 500 ml      |
| Nozzle            | 1.5 mm      |
| Working pressure  | 3 – 4.5 bar |
| Air requirement Ø | 100 - 200 l |
| Weight approx.    | 0.5 kg      |

### Paint spray gun PJ HVLP

- ▶ For high-quality application
- ▶ With infinitely variable colour and air volume regulation
- ▶ Plastic flow cup with drip stop
- ▶ With paint sieve
- ▶ Adjustable from round to flat jet



| Technical data    | PJ HVLP     |
|-------------------|-------------|
| Art no.           | 2101600     |
| Plastic flow cup  | 750 ml      |
| Nozzle            | 1.4 mm      |
| Working pressure  | 3.5 – 4 bar |
| Air requirement Ø | 150 - 200 l |
| Weight approx.    | 0.7 kg      |

## FUNNEL SPRAY GUN

### Funnel spray gun TS PRO

- ▶ This enables the processing of rough and fibre and fibre plasters as well as chips, sequins, flock, etc. materials with only one gun.
- ▶ Machining of ceiling and floor areas possible due to 45° angle



| Technical data    | TS PRO            |
|-------------------|-------------------|
| Art no.           | 2101800           |
| Funnel volume     | 5 l               |
| Nozzle            | 4.5/6/8/15/18 mm  |
| Working pressure  | 5 bar             |
| Air requirement Ø | approx. 225 l/min |
| Weight approx.    | 1.3 kg            |

#### Scope of delivery:

- ▶ 3 nozzles for plasters (nozzle Ø 4.5/6.0/8.0 mm)
- ▶ 2 nozzles for chips (nozzle Ø 15/18 mm)
- ▶ 1 pc. 45° angle
- ▶ 1 pc. Needle for chips

#### Accessories:

##### Wall bracket for paint spray gun

- ▶ Magnetic
- ▶ Paint spray gun always within reach



| Technical data | Wall bracket |
|----------------|--------------|
| Art no.        | 2101010      |
| Holding force  | 4 kg         |

#### Accessories:

##### Inline pressure regulator with pressure gauge

- ▶ For precise regulation of the air pressure directly on the gun



| Technical data            |                      |
|---------------------------|----------------------|
| Art no.                   | 2101910              |
| Connection thread: Inlet  | 1/4" internal thread |
| Connection thread: Outlet | 1/4" external thread |

#### Accessories:

##### Inline water separator

- ▶ For direct gun connection



| Technical data            |                      |
|---------------------------|----------------------|
| Art no.                   | 2311900              |
| Connection thread: Inlet  | 1/4" internal thread |
| Connection thread: Outlet | 1/4" external thread |

## SANDBLASTING GUNS

### Sandblasting gun SPB

- ▶ Hardened special nozzle
- ▶ incl. 1 litre suction cup



| Technical data    | SPB                    |
|-------------------|------------------------|
| Art no.           | 2103100                |
| Air requirement Ø | approx. 250–300 litres |
| Working pressure  | 4–8 bar                |

### SPS sandblasting gun

- ▶ Enables suction of the blasting material from external containers



| Technical data    | PLC                    |
|-------------------|------------------------|
| Art no.           | 2103300                |
| Air requirement Ø | approx. 250–400 litres |
| Working pressure  | 4–8 bar                |

### SPS PRO sandblasting gun

- ▶ For abrasives up to 0.8 mm grain size
- ▶ With suction hose, Length 170 cm, ID 18 mm/ OD 24 mm

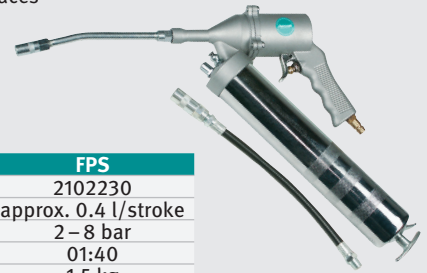


| Technical data    | SPS PRO                |
|-------------------|------------------------|
| Art no.           | 2103550                |
| Air requirement Ø | approx. 320–420 litres |
| Working pressure  | 5–8 bar                |

## GREASE PRESSES

### FPS PRO grease gun set

- ▶ 400 mm long connection hose for hard-to-reach places



| Technical data    | FPS                  |
|-------------------|----------------------|
| Art no.           | 2102230              |
| Air requirement Ø | approx. 0.4 l/stroke |
| Working pressure  | 2–8 bar              |
| Pressure ratio    | 01:40                |
| Weight approx.    | 1.5 kg               |

### FPS PRO automatic grease gun set

- ▶ 400 mm long connection hose for hard-to-reach places



| Technical data    | FPS Pro              |
|-------------------|----------------------|
| Art no.           | 2102240              |
| Air requirement Ø | approx. 0.4 l/stroke |
| Working pressure  | 2–8 bar              |
| Pressure ratio    | 01:40                |
| Weight approx.    | 1.6 kg               |

### Grease gun set FPS PRO D

- ▶ 190 mm long connection hose for hard-to-reach places
- ▶ The container can also be rotated 360° for hard-to-reach lubrication points



| Technical data    | FPS Pro D    |
|-------------------|--------------|
| Art no.           | 2102245      |
| Air requirement Ø | 0.4 l/stroke |
| Working pressure  | 2–8 bar      |
| Pressure ratio    | 01:40        |
| Weight approx.    | 1.6 kg       |

## SODA BLASTING GUN

### Soda blasting gun SSP 1

- ▶ For cleaning and paint stripping without damage
- ▶ Surface-friendly process for removing paint or rust
- ▶ Ideal for hard-to-reach places
- ▶ Gentle cleaning of glass, plastic, wood and rubber materials
- ▶ NaHCO<sub>3</sub> (sodium bicarbonate) is used as the blasting agent

| Technical data       | SSP 1             |
|----------------------|-------------------|
| Art no.              | 2103900           |
| Air requirement Ø    | approx. 240 l/min |
| Max. air requirement | approx. 300 l/min |
| Working pressure     | 2.1–6.5 bar       |
| Tank volume          | 1,000 ml          |
| Nozzle diameter      | 5 mm              |
| Weight approx.       | approx. 0.6 kg    |



## CARTRIDGE GUNS

### Cartridge gun KP

- ▶ For commercially available cartridges
- ▶ Rapid ventilation
- ▶ Only works with cartridge
- ▶ Adjust the working pressure depending on the material properties



| Technical data    | KP                    |
|-------------------|-----------------------|
| Art no.           | 2102250               |
| Air requirement Ø | approx. 50 l/min      |
| Cartridge content | 310 ml                |
| Working pressure  | approx. 1.5 - 2.5 bar |
| Weight approx.    | 0.5 kg                |

### Cartridge gun KP-R

- ▶ For commercially available cartridges
- ▶ Rapid ventilation
- ▶ Infinitely adjustable



| Technical data    | KP-R             |
|-------------------|------------------|
| Art no.           | 2102260          |
| Air requirement Ø | approx. 60 l/min |
| Cartridge content | 310 ml           |
| Working pressure  | up to 8 bar      |
| Weight approx.    | 0.56 kg          |

### Cartridge gun KP PRO

- ▶ For commercially available cartridges
- ▶ With quick ventilation
- ▶ Infinitely adjustable



| Technical data    | KP PRO            |
|-------------------|-------------------|
| Art no.           | 2102270           |
| Air requirement Ø | approx. 100 l/min |
| Cartridge content | 310 ml            |
| Working pressure  | up to 8 bar       |
| Weight approx.    | 1.04 kg           |

## SILICONE DOLL PISTOL

### Silicone gun SP

- ▶ For 600 ml bags
- ▶ Rapid ventilation
- ▶ Infinitely adjustable



| Technical data    | SP                |
|-------------------|-------------------|
| Art no.           | 2102290           |
| Air requirement Ø | approx. 100 l/min |
| Cartridge content | 600 ml            |
| Working pressure  | up to 8 bar       |
| Weight approx.    | 1.32 kg           |

## SPRAY GUNS

### Spray gun Alu SPA

- ▶ For spraying cold cleaners, cleaning agents and spray oils
- ▶ With 1 l aluminium container
- ▶ Bayonet catch



| Technical data      | SPA                     |
|---------------------|-------------------------|
| Art no.             | 2102200                 |
| Air requirement Ø   | approx. 120 - 220 l/min |
| Aluminium container | 1,000 ml                |
| Working pressure    | 3-6 bar                 |
| Weight approx.      | 0.68 kg                 |

### Spray gun SPK

- ▶ With 360° swivelling spray pipe
- ▶ With 0.7 litre plastic container
- ▶ With Ø 3 mm nozzle and adjustable jet



| Technical data    | SPK               |
|-------------------|-------------------|
| Art no.           | 2103000           |
| Air requirement Ø | approx. 160 l/min |
| Working pressure  | 2 - 6 bar         |

### TRP dry cleaning gun

- ▶ Cleaning gun
- ▶ Strong cleaning effect due to rotating nozzle
- ▶ Infinitely adjustable



| Technical data      | TRP                    |
|---------------------|------------------------|
| Art no.             | 2102215                |
| Air requirement Ø   | approx. 210 l/min      |
| Rotary nozzle Speed | 6000 min <sup>-1</sup> |
| Connection thread   | 1/4"                   |
| Working pressure    | 6 bar                  |
| Weight approx.      | 0.45 kg                |

### Cleaning gun RP

- ▶ Cleans quickly, gently and thoroughly, e.g. fabrics, glass, metal, plastic, paint
- ▶ Nozzle with rotation principle
- ▶ Infinitely adjustable



| Technical data    | RP                     |
|-------------------|------------------------|
| Art no.           | 2102210                |
| Air requirement Ø | approx. 200 l/min      |
| Speed             | 6000 min <sup>-1</sup> |
| Tank volume       | 900 ml                 |
| Weight approx.    | 0.9 kg                 |

## UNDERBODY PROTECTION GUN

### Underbody protection gun UHP PRO

- ▶ For underbody and cavity sealing
- ▶ Thick riser pipe for viscous material
- ▶ For commercially available Cans with 40 mm cord thread



| Technical data    | UHP PRO                |
|-------------------|------------------------|
| Art no.           | 2104150                |
| Air requirement Ø | approx. 120-180 litres |
| Spray hose        | 550 mm                 |

## IMPACT WRENCH

### Impact wrench set 1/2" E

- ▶ With 17, 19 and 21 mm sockets in a practical plastic case
- ▶ Composite housing



#### Technical data

|                              |           |
|------------------------------|-----------|
| Art no.                      | 2401120   |
| Air requirement Ø approx.    | 183 l/min |
| Air requirement max. approx. | 439 l/min |
| Tightening torque max.       | 950 Nm    |
| Release torque max.          | 1500 Nm   |
| Weight approx.               | 2.1 kg    |

### Impact wrench set 1/2"

- ▶ Including ten nuts: 9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm, extension and inline oiler
- ▶ Hammer mechanism
- ▶ Plastic case



#### Technical data

|                              |             |
|------------------------------|-------------|
| Art no.                      | 2401110     |
| Air requirement Ø approx.    | 142.5 l/min |
| Air requirement max. approx. | 420 l/min   |
| Tightening torque max.       | 1150 Nm     |
| Release torque max.          | 1650 Nm     |
| Weight approx.               | 2.1 kg      |

### Industrial impact wrench set ISS 1/2" composite

- ▶ 9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm
- ▶ Double hammer impact mechanism
- ▶ 3-stage adjustable
- ▶ Connection: 1/4"
- ▶ Impact mechanism housing made of aluminium



#### Technical data

|                              |             |
|------------------------------|-------------|
| Art no.                      | 2401220     |
| Air requirement Ø approx.    | 142.5 l/min |
| Air requirement max. approx. | 420 l/min   |
| Tightening torque max.       | 900 Nm      |
| Release torque max.          | 1400 Nm     |
| Weight approx.               | 2.1 kg      |

### Industrial impact wrench

#### IS 3/4" composite

- ▶ With double hammer impact mechanism
- ▶ For tough use in the automotive sector, on assembly lines and in agriculture
- ▶ Impact mechanism housing made of aluminium



#### Technical data

|                              |            |
|------------------------------|------------|
| Art no.                      | 2401260    |
| Air requirement Ø approx.    | 269 l/min. |
| Air requirement max. approx. | 510 l/min  |
| Tightening torque max.       | 1800 Nm    |
| Release torque max.          | 2300 Nm    |
| Weight approx.               | 3.2 kg     |

### Impact wrench ISS-C 1/2"

- ▶ Housing made of impact-resistant plastic
- ▶ Low-vibration, cold-insulated handle
- ▶ Tightening torque 3-stage adjustable
- ▶ Exhaust air routing via handle, therefore no whirling up of brake dust



| Technical data            | ISS-C 1/2" Compact PRO | ISS-C 1/2" PRO |
|---------------------------|------------------------|----------------|
| Art no.                   | 2401470                | 2401475        |
| Air requirement Ø approx. | 128 l/min              | 188 l/min      |
| Working pressure          | 6.2 bar max.           | 6.2 bar max.   |
| Tightening torque         | 624Nm                  | 1112Nm         |
| Release torque max.       | 1302 Nm                | 1756 Nm        |
| Weight approx.            | 1.2 kg                 | 2 kg           |

### Impact wrench ISS-C 3/4" PRO

- ▶ High-performance double impact mechanism
- ▶ Three-stage torque adjustment for clockwise and anti-clockwise rotation
- ▶ Composite housing made from impact-resistant plastic
- ▶ Low-vibration and cold insulated handle



#### Technical data

|                              |           |
|------------------------------|-----------|
| Art no.                      | 2401485   |
| Air requirement Ø approx.    | 393 l/min |
| Air requirement max. approx. | 6.2 bar   |
| Tightening torque max.       | 2034 Nm   |
| Release torque max.          | 2711 Nm   |
| Weight approx.               | 3.4 kg    |

### Mini industrial impact wrench ISS 1/2"

- ▶ Exhaust air routing via handle, thus no whirling up of brake dust
- ▶ Simple switching between clockwise and left rotation via lever on the rear



#### Technical data

|                              |           |
|------------------------------|-----------|
| Art no.                      | 2401371   |
| Air requirement Ø approx.    | 120 l/min |
| Air requirement max. approx. | 6.3 bar   |
| Tightening torque max.       | 520 Nm    |
| Release torque max.          | 570 Nm    |
| Weight approx.               | 1.3 kg    |

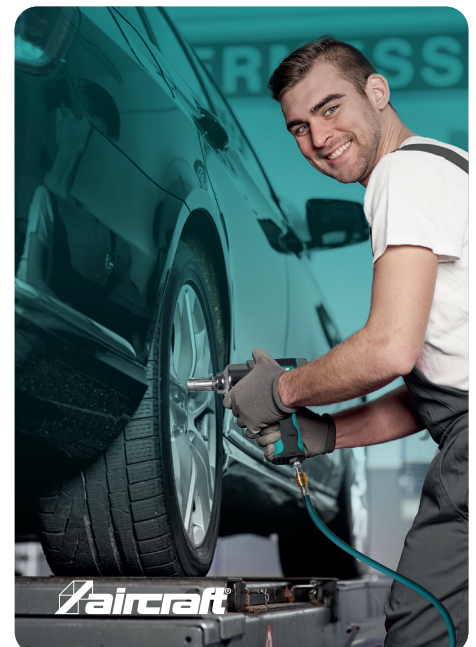
### Angle impact wrench WSS 1/2" HT PRO

- ▶ For hard-to-reach places
- ▶ High torque thanks to integrated jumbo hammer impact mechanism
- ▶ Adjustable torque on the handle
- ▶ Connection: 1/4"



#### Technical data

|                              |          |
|------------------------------|----------|
| Art no.                      | 2401575  |
| Air requirement Ø approx.    | 91 l/min |
| Air requirement max. approx. | 6.2 bar  |
| Tightening torque max.       | 325 Nm   |
| Release torque max.          | 450 Nm   |
| Weight approx.               | 1.2 kg   |



### Angle industrial impact wrench

#### ISS-TTM 1/2"

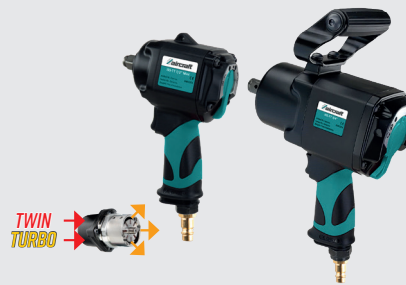
- ▶ Twin Turbo technology
- ▶ Optimised working thanks to flat design and 120° swivelling head



| Technical data               | ISS-TTM 1/2" |
|------------------------------|--------------|
| Art no.                      | 2401370      |
| Air requirement Ø approx.    | 115 l/min    |
| Air requirement max. approx. | 6.3 bar      |
| Tightening torque max.       | 500 Nm       |
| Release torque max.          | 550 Nm       |
| Weight approx.               | 1.3 kg       |

### Industrial impact wrench

#### ISS-TT 3/4" Composite



| Technical data            | 1/2" Mini | 3/4"      |
|---------------------------|-----------|-----------|
| Art no.                   | 2401372   | 2401376   |
| Air requirement Ø approx. | 132 l/min | 235 l/min |
| Working pressure          | 6.3 bar   | 6.3 bar   |
| Tightening torque max.    | 540       | 1900      |
| Release torque max.       | 1600 Nm   | 4100 Nm   |
| Weight approx.            | 1.3       | 4.6       |

### Industrial impact wrench

#### ISS 1" PRO

- ▶ For use in the automotive sector on lorries, on buses, for haulage companies, etc.
- ▶ With double hammer impact mechanism



| Technical data            |           |
|---------------------------|-----------|
| Art no.                   | 2401490   |
| Air requirement Ø approx. | 411 l/min |
| Working pressure          | 6.2 bar   |
| Tightening torque         | 2441 Nm   |
| Release torque max.       | 3389 Nm   |
| Weight approx.            | 6.5 kg    |

### Industrial impact wrench

#### ISS 1" PRO L

- ▶ With double hammer impact mechanism



| Technical data            |           |
|---------------------------|-----------|
| Art no.                   | 2401495   |
| Air requirement Ø approx. | 405 l/min |
| Working pressure          | 6.2 bar   |
| Tightening torque         | 2441 Nm   |
| Release torque max.       | 3389 Nm   |
| Weight approx.            | 7.5 kg    |

### Accessories:

#### Impact wrench socket set long

- ▶ Chrome vanadium steel - hardened



10, 11, 12, 13, 15, 17, 19, 21, 22, 24 mm



26, 27, 29, 30, 32, 35, 36, 38 mm

| Technical data | Set 1/2" 10 pcs. | Set 3/4" 8 pcs. |
|----------------|------------------|-----------------|
| Art no.        | 2400001          | 2400002         |

### Accessories:

#### Impact wrench nut set

#### 1" 7 pcs. long

- ▶ Art no. 2400003
- ▶ 24, 27, 30, 32, 35, 36, 38 mm



### Accessories:

#### Impact wrench sockets 1/2" long

- ▶ Art no. 2400010
- ▶ Plastic-coated for aluminium rims
- ▶ Sizes: 17 / 19 / 21 mm
- ▶ Length 85 mm



### Accessories:

#### Wall bracket

- ▶ Art no. 2400050
- ▶ 2 strong magnetic holders
- ▶ Holding force 10 kg



Impact wrenches and impact wrench sockets not included in the scope of delivery

### Accessories:

#### Inline oiler

- ▶ Art no. 2310010
- ▶ OD: 1/4"-19PT
- ▶ ID: 1/4"-18NPT



## RATCHET SCREWDRIVER

### Ratchet screwdriver SRS 1/2" HT PRO

- ▶ Very powerful due to double drive in the ratchet head



#### Technical data

|                           |                       |
|---------------------------|-----------------------|
| Art no.                   | 2401570               |
| Air requirement Ø approx. | 90 l/min              |
| Shank                     | 1/2" square           |
| Working pressure          | 6.2 bar               |
| Tightening torque max.    | 122 Nm                |
| Speed                     | 600 min <sup>-1</sup> |
| Weight approx.            | 1.28 kg               |

### Multi ratchet screwdriver MRS Mini PRO

- ▶ For hard-to-reach places
- ▶ Extra small for working in confined spaces



#### Technical data

|                           |                       |
|---------------------------|-----------------------|
| Art no.                   | 2406100               |
| Air requirement Ø approx. | 84 l/min              |
| Shank                     | 3/8"                  |
| Working pressure          | 6.3 bar               |
| Tightening torque max.    | 70 Nm                 |
| Speed                     | 400 min <sup>-1</sup> |
| Weight approx.            | 0.48 kg               |

### Ratchet screwdriver RS 1/4" VT PRO

- ▶ Small and handy for hard to hard to reach places



#### Technical data

|                           |                       |
|---------------------------|-----------------------|
| Art no.                   | 2401560               |
| Air requirement Ø approx. | 84 l/min              |
| Shank                     | 3/8"                  |
| Working pressure          | 6.3 bar               |
| Tightening torque max.    | 70 Nm                 |
| Speed                     | 400 min <sup>-1</sup> |
| Weight approx.            | 0.48 kg               |

### Ratchet screwdriver RS 1/2" VT PRO

- ▶ Small and handy for hard to hard to reach places



#### Technical data

|                           |                       |
|---------------------------|-----------------------|
| Art no.                   | 2401565               |
| Air requirement Ø approx. | 124 l/min             |
| Shank                     | 1/2" Square           |
| Working pressure          | 6.2 bar               |
| Tightening torque max.    | 68 Nm                 |
| Speed                     | 150 min <sup>-1</sup> |
| Weight approx.            | 1.2 kg                |

### Air ratchet set LR S 1/2"

- ▶ With swivelling connection
- ▶ Left-right rotation
- ▶ In a practical plastic case



#### Technical data

|                           |                       |
|---------------------------|-----------------------|
| Art no.                   | 2401550               |
| Air requirement Ø approx. | 390 l/min             |
| Shank                     | 1/2" square           |
| Working pressure          | 6 bar                 |
| Tightening torque max.    | 60 Nm                 |
| Speed                     | 160 min <sup>-1</sup> |
| Weight approx.            | 1.2 kg                |

### PS-C PRO pistol screwdriver

- ▶ Slipping clutch for precise torque control
- ▶ Stepless torque adjustment



#### Technical data

|                           |                        |
|---------------------------|------------------------|
| Art no.                   | 2404125                |
| Air requirement Ø approx. | 238 l/min              |
| Shank                     | 1/4"                   |
| Working pressure          | 6.2 bar                |
| Tightening torque max.    | 8 Nm                   |
| Speed                     | 1800 min <sup>-1</sup> |
| Weight approx.            | 1.1 kg                 |

## DRILLING MACHINES

### Drilling machine BM R+L PRO

- ▶ Quick-action drill chuck 3/8", 10 mm
- ▶ Clockwise/anti-clockwise quick switching



#### Technical data

|                           |                        |
|---------------------------|------------------------|
| Art no.                   | 2404100                |
| Air requirement Ø approx. | 360 l/min.             |
| Working pressure          | 6 bar                  |
| Speed                     | 1800 min <sup>-1</sup> |
| Connection                | 1/4"                   |
| Weight approx.            | 1.1 kg                 |

### Drilling machine BM-C 10 PRO

- ▶ 10 mm quick-action drill chuck
- ▶ Clockwise/anti-clockwise quick switching
- ▶ incl. plug nipple with 1/4" external thread



#### Technical data

|                           |                        |
|---------------------------|------------------------|
| Art no.                   | 2404110                |
| Air requirement Ø approx. | 238 l/min              |
| Working pressure          | 6.2 bar                |
| Speed                     | 2000 min <sup>-1</sup> |
| Weight approx.            | 1 kg                   |

### Drilling machine BM-C 13 PRO

- ▶ 13 mm quick-action drill chuck
- ▶ Clockwise/anti-clockwise quick switching
- ▶ incl. plug nipple with 1/4" external thread



#### Technical data

|                           |                       |
|---------------------------|-----------------------|
| Art no.                   | 2404115               |
| Air requirement Ø approx. | 238 l/min             |
| Working pressure          | 6.2 bar               |
| Speed                     | 800 min <sup>-1</sup> |
| Weight approx.            | 1.3 kg                |

## ANGLE DRILLING MACHINES

### Angle drill WB 10-1 PRO

- ▶ 10 mm quick-action drill chuck
- ▶ High-torque double gearbox for smooth running and durability



#### Technical data

|                           |                        |
|---------------------------|------------------------|
| Art no.                   | 2404120                |
| Air requirement Ø approx. | 175 l/min              |
| Working pressure          | 6.2 bar                |
| Speed                     | 1400 min <sup>-1</sup> |
| Weight approx.            | 1.2 kg                 |

### Angle drill WB Mini PRO

- ▶ Innovative 5-blade concept for more power than conventional drives
- ▶ Operating lever with safety lock



#### Technical data

|                           |                        |
|---------------------------|------------------------|
| Art no.                   | 2406405                |
| Air requirement Ø approx. | 84 l/min               |
| Working pressure          | 6.3 bar                |
| Speed                     | 4500 min <sup>-1</sup> |
| Weight approx.            | 0.6 kg                 |

## DEEP CUT-OFF GRINDER

### TTS PRO deep cut-off grinder

- ▶ Quick protective hood adjustment by 126° with eight click-in stages
- ▶ With ergonomic, non-slip and vibration-reducing and vibration-reducing plastic handle



#### Technical data

|                           |           |
|---------------------------|-----------|
| Art no.                   | 2403485   |
| Air requirement Ø approx. | 252 l/min |
| Working pressure          | 6.2 bar   |
| Cutting disc Ø            | 100 mm    |
| Weight approx.            | 1.7 kg    |

### TWS Super deep cutting grinder

- ▶ Speed regulator on the handle
- ▶ Extremely flat head (only 39 mm)
- ▶ Protective hood quick adjustment
- ▶ Rotatable air outlet



#### Technical data

|                           |           |
|---------------------------|-----------|
| Art no.                   | 2403491   |
| Air requirement Ø approx. | 480 l/min |
| Working pressure          | 6.3 bar   |
| Cutting disc Ø            | 100 mm    |
| Weight approx.            | 1.4 kg    |

## BELT GRINDER

### BS-C 10-2 PRO VS

- ▶ Infinitely variable speed regulation using a rotary control
- ▶ Automatic sanding belt tensing device



#### Technical data

|                           |                         |
|---------------------------|-------------------------|
| Art no.                   | 2403771                 |
| Air requirement Ø approx. | 260 l/min               |
| Sandpaper                 | 330 x 10 mm             |
| Idle speed                | 18000 min <sup>-1</sup> |
| Working pressure          | 6.2 bar                 |
| Weight approx.            | 0.95 kg                 |

- Scope of delivery:
- One sanding belt each K40 / K60 / K80
  - Brass plug nipple with 1/4" external thread

### BS-C 20-2 PRO VS

- ▶ Infinitely variable speed regulation using a rotary control
- ▶ Automatic sanding belt tensing device



#### Technical data

|                           |                         |
|---------------------------|-------------------------|
| Art no.                   | 2403772                 |
| Air requirement Ø approx. | 270 l/min               |
| Sandpaper                 | 520 x 20 mm             |
| Idle speed                | 18000 min <sup>-1</sup> |
| Working pressure          | 6.2 bar                 |
| Weight approx.            | 1.5 kg                  |

- Scope of delivery:
- One sanding belt each K40 / K60 / K80
  - Brass plug nipple with 1/4" external thread

## UNIVERSAL REMOVER

### Universal remover set UE Pro

- ▶ For various bodywork cleaning jobs, with ergonomic, non-slip and vibration-reducing plastic handle
- ▶ Safety lever, incl. side handle

#### Technical data

|                           |           |
|---------------------------|-----------|
| Art no.                   | 2403800   |
| Air requirement Ø approx. | 532 l/min |
| Working pressure          | 6.3 bar   |
| Connection thread         | 1/4"      |
| Weight approx.            | 1.4 kg    |



#### Scope of delivery:

- Carrier wheel 11 mm
- Carrier wheel 23 mm
- Wire brush belt fine 11 mm

- Wire brush belt fine 23 mm
- Wire brush belt fixed 11 mm
- Wire brush belt fixed 23 mm
- Rubber eraser disc ochre

## ROD AND ANGLE GRINDER

### ST VS PRO rod grinder set

- ▶ For grinding, polishing, deburring, milling and engraving
- ▶ Straight design, for working in confined spaces
- ▶ Infinitely variable speed control



#### Technical data

|                           |                         |
|---------------------------|-------------------------|
| Art no.                   | 2403265                 |
| Air requirement Ø approx. | 120 l/min               |
| Collets                   | 6 mm                    |
| Working pressure          | 6.2 bar                 |
| Idle speed                | 25000 min <sup>-1</sup> |
| Weight approx.            | 0.5 kg                  |

### Rod sander ST XL VS PRO

- ▶ For grinding, polishing, deburring, milling and engraving
- ▶ Straight version with long shaft, for working in low-lying areas
- ▶ Infinitely variable speed control



#### Technical data

|                           |                         |
|---------------------------|-------------------------|
| Art no.                   | 2403270                 |
| Air requirement Ø approx. | 120 l/min               |
| Collets                   | 6 mm                    |
| Working pressure          | 6.2 bar                 |
| Idle speed                | 25000 min <sup>-1</sup> |
| Weight approx.            | 0.7 kg                  |

### STS rod sander set

- ▶ Combination appliance with adjustable exhaust air outlet



#### Scope of delivery:

- 2 collets (3/6 mm)
- 5 grinding stones each (3/6 mm)
- Plug nipple
- Clamping tool
- Plastic case

#### Technical data

|                           |                         |
|---------------------------|-------------------------|
| Art no.                   | 2403190                 |
| Air requirement Ø approx. | 270 l/min               |
| Working pressure max.     | 6.3 bar                 |
| Speed                     | 22000 min <sup>-1</sup> |
| Weight approx.            | 0.4 kg                  |

### Precision rod grinder set PSS PRO

- ▶ For sanding, polishing and milling in model, tool and fixture construction
- ▶ Holder suitable for mounted points with 3 mm shank



#### Scope of delivery:

- Inline oiler
- Tool
- Case

#### Technical data

|                           |                         |
|---------------------------|-------------------------|
|                           | <b>PSS PRO</b>          |
| Art no.                   | 2403120                 |
| Air requirement Ø approx. | 170 l/min               |
| Working pressure max.     | 6.3 bar                 |
| Speed                     | 54000 min <sup>-1</sup> |
| Weight approx.            | 0.20 kg                 |

### Rod grinder ST Mini

- ▶ For grinding, deburring, milling and engraving
- ▶ Innovative 5-blade concept for even more power than conventional drives
- ▶ For hard-to-reach places
- ▶ For working in confined spaces

#### Technical data ST Mini PRO ST XXL Mini PRO

|         |         |         |
|---------|---------|---------|
| Art no. | 2406300 | 2406302 |
|---------|---------|---------|

Extra small and handy



ST Mini PRO

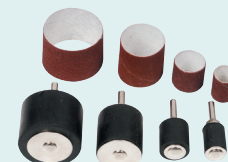
with long design



ST XXL Mini PRO

#### Technical data

|                   |                         |
|-------------------|-------------------------|
| Art no.           | 2403152                 |
| Air requirement Ø | approx. 84 l/min        |
| Collets           | 6 mm                    |
| Working pressure  | 6.3 bar                 |
| Idle speed        | 25000 min <sup>-1</sup> |
| Connection:       | 1/4 "                   |



## ANGLE STICK GRINDER

### Angle rod grinder WST Mini PRO

- ▶ For bodywork cleaning work
- ▶ Innovative 5-blade concept for even more power than conventional drives
- ▶ For hard-to-reach places



#### Technical data

|                           |                         |
|---------------------------|-------------------------|
| Art no.                   | 2406305                 |
| Air requirement Ø approx. | c84 l/min               |
| Collets                   | 6 mm                    |
| Working pressure          | 6.3 bar                 |
| Idle speed                | 18000 min <sup>-1</sup> |
| Weight approx.            | 0.43 kg                 |

### Angle rod grinder WST VS PRO

- ▶ For grinding, polishing, deburring, milling and engraving
- ▶ 90° angled design, for working in confined spaces
- ▶ Infinitely variable speed control



#### Technical data

|                           |                         |
|---------------------------|-------------------------|
| Art no.                   | 2403260                 |
| Air requirement Ø approx. | 120 l/min               |
| Collets                   | 6 mm                    |
| Working pressure          | 6.2 bar                 |
| Idle speed                | 20000 min <sup>-1</sup> |
| Weight approx.            | 0.64 kg                 |

### Angle rod grinder WST 115 VS PRO

- ▶ For grinding, polishing, deburring, milling and engraving
- ▶ 115° angled design, for working in confined spaces
- ▶ Infinitely variable speed control



| Technical data            |                         |
|---------------------------|-------------------------|
| Art no.                   | 2403275                 |
| Air requirement Ø approx. | 120 l/min               |
| Collets                   | 6 mm                    |
| Working pressure          | 6.2 bar                 |
| Idle speed                | 20000 min <sup>-1</sup> |
| Weight approx.            | 0.65 kg                 |

### Angle grinder WS 125 PRO

- ▶ Handy and powerful model
- ▶ for sanding discs up to Ø 125 mm



| Technical data    |                         |
|-------------------|-------------------------|
| Art no.           | 2403470                 |
| Air requirement Ø | 490 l/min               |
| Shank             | 22 mm                   |
| Speed             | 10000 min <sup>-1</sup> |
| Working pressure  | 6.3 bar                 |

### Industrial angle grinder IWS 125-2 PRO

- ▶ for sanding discs up to Ø 125 mm



| Technical data    |                         |
|-------------------|-------------------------|
| Art no.           | 2403483                 |
| Air requirement Ø | 326 l/min               |
| Speed             | 12000 min <sup>-1</sup> |
| Working pressure  | 6.2 bar                 |
| Accessories       |                         |
| Quick-release nut | Art. no. 2403484        |

## RIVETING TOOLS

### NGS riveting tool

- ▶ In a practical plastic case
- ▶ In the automotive sector, ventilation and façade construction, switch cabinet construction etc.
- ▶ **With case set**



| Technical data             |              |
|----------------------------|--------------|
| Art no.                    | 2404700      |
| Air requirement Ø approx.  | 0.8 l/stroke |
| Rivet diameter (min./max.) | 2.4 – 4.8 mm |
| Working pressure           | 6 bar        |
| Weight approx.             | 1.7 kg       |

### Hydraulic riveting tool NGL

- ▶ For all standard rivet sizes
- ▶ Clean and fast work:  
*Rivet pins fall into the collection container when tipping back*



| Technical data             |              |
|----------------------------|--------------|
| Art no.                    | 2404720      |
| Air requirement Ø approx.  | 1.0 l/stroke |
| Rivet diameter (min./max.) | 2.4 – 6.4 mm |
| Working pressure           | 6 bar        |
| Weight approx.             | 2.0 kg       |

## GRINDER

### Orbital sander SWS 180 PRO

- ▶ Composite version with ergonomic plastic handle, non-slip and low-vibration
- ▶ With suction (8-hole backing pad)
- ▶ Self-priming



| Technical data            |            |
|---------------------------|------------|
| Art no.                   | 2403520    |
| Air requirement Ø approx. | 360 l/min. |
| Connection thread         | 1/4"       |
| Working pressure          | 6.3 bar    |
| Weight approx.            | 1.4 kg     |

### Delta sander DS

- ▶ Composite version with ergonomic plastic handle, non-slip and low-vibration
- ▶ With suction (4-hole backing pad)
- ▶ For central vacuum cleaner



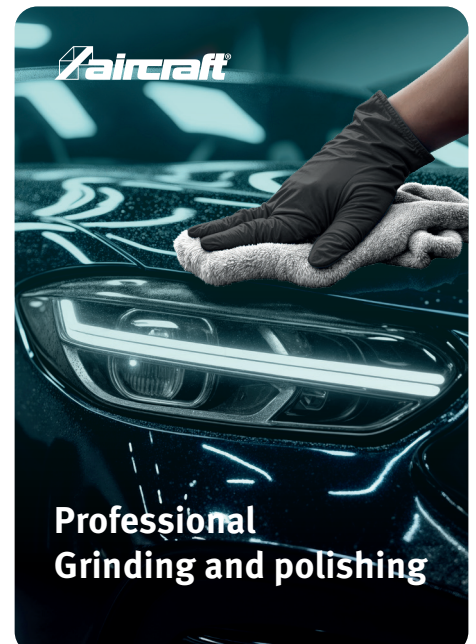
| Technical data            |           |
|---------------------------|-----------|
| Art no.                   | 2403500   |
| Air requirement Ø approx. | 480 l/min |
| Connection thread         | 1/4"      |
| Working pressure          | 6.3 bar   |
| Weight approx.            | 0.8 kg    |

### Random orbital sander ESS 150 Composite PRO

- ▶ Composite version with ergonomic plastic handle, non-slip and low-vibration
- ▶ With suction (6-hole backing pad)
- ▶ Self-priming



| Technical data            |           |
|---------------------------|-----------|
| Art no.                   | 2403450   |
| Air requirement Ø approx. | 350 l/min |
| Connection thread         | 1/4"      |
| Working pressure          | 6.3 bar   |
| Weight approx.            | 0.9 kg    |



**aircraft**  
Professional  
Grinding and polishing

## GRINDING/POLISHING MACHINE

### PS Mini PRO polishing sander

- ▶ Particularly suitable for spot repairs



| Technical data            |                         | Accessories            |          |
|---------------------------|-------------------------|------------------------|----------|
| Art no.                   |                         | Grinding wheels        | Art. no. |
| Art no.                   | 2406310                 | Rough cleaning 1 pc.   | 2406311  |
| Air requirement Ø approx. | 84 l/min                | Rough cleaning 10 pc.  | 2406312  |
| Idle speed                | 16000 min <sup>-1</sup> | Medium grinding 10 pc. | 2406313  |
| Connection:               | 1/4"                    | Fine grinding 10 pc.   | 2406314  |
| Working pressure          | 6.3 bar                 | Wool polishing disc    | 2406316  |
| Weight approx.            | 0.41 kg                 | Polishing disc         | 2406317  |

### TS Mini PRO polishing sander

- ▶ For work in small and hard-to-reach areas
- ▶ Particularly suitable for spot repairs



| Technical data            |                        | Accessories                               |         |
|---------------------------|------------------------|---|---------|
| Art no.                   |                        | Art. no.                                  |         |
| Art no.                   | 2406320                | Sandpaper Ø 50 mm K40 pack of 10          | 2406321 |
| Air requirement Ø approx. | 84 l/min               | Sandpaper Ø 50 mm K60 pack of 10          | 2406322 |
| Idle speed                | 4500 min <sup>-1</sup> | Sandpaper Ø 50 mm K80 pack of 10          | 2406323 |
| Connection                | 1/4"                   | Sandpaper Ø 50 mm K100 pack of 10         | 2406324 |
| Working pressure          | 6.3 bar                | Sanding disc Ø 50 mm with Velcro fastener | 2406325 |
| Weight approx.            | 0.61 kg                |   |         |

## NEEDLE SCALER

### NP-2 PRO needle scaler

- ▶ Low vibration with rubber protective sleeve
- ▶ Handy and compact, easy access to hard-to-reach places



| Technical data    |                        | Accessories   |         |
|-------------------|------------------------|---------------|---------|
| NP-2 PRO          |                        | Art. no.      |         |
| Art no.           | 2402655                | Spare needles | 2402656 |
| Air requirement Ø | 28.3 l/min             |               |         |
| Number of strokes | 3300 min <sup>-1</sup> |               |         |
| Needle length/Ø   | 115 mm / 3 mm          |               |         |
| Working pressure  | 6.3 bar                |               |         |
| Weight approx.    | 1.4 kg                 |               |         |

### NE PRO needle scaler

- ▶ Small and compact, rod shape with twelve individual 1.4 mm needles
- ▶ Robust all-metal housing
- ▶ Tool-free quick change of needles by simply unscrewing the guide nozzle

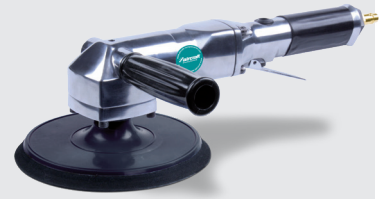


| Technical data    |                        |
|-------------------|------------------------|
| NE PRO            |                        |
| Art no.           | 2402620                |
| Air requirement Ø | approx. 170 l/min      |
| Number of strokes | 3800 min <sup>-1</sup> |
| Needle length/Ø   | 125 / 3 mm             |
| Working pressure  | 6.3 bar                |
| Weight approx.    | 1.2 kg                 |

### Polishing sander PS 7

- ▶ Large angle polishing sander with particularly flat head
- ▶ Disc size Ø 178 mm with Velcro pad

| Technical data   |                        |
|------------------|------------------------|
| Art no.          | 2403290                |
| Air requirement  | 400 l/min              |
| Ø approx.        |                        |
| Idle speed       | 2800 min <sup>-1</sup> |
| Spindle size     | M14 x 2                |
| Working pressure | 6.3 bar                |
| Weight approx.   | 2.2 kg                 |



| Accessories                            |         |
|--|---------|
| Art. no.                               |         |
| Spare disc 180 mm with Velcro fastener | 2403291 |
| Spare disc sponge                      | 2403292 |
| Polishing disc wool bonnet             | 2403294 |

### Polisher Mini PSM 3 PRO

- ▶ Handy, small polisher for touch-up and polishing work on small areas
- ▶ Infinitely variable speed control

| Technical data   |                        |
|------------------|------------------------|
| Art no.          | 2403280                |
| Air requirement  | 340 l/min              |
| Ø approx.        |                        |
| Spindle seat     | M6                     |
| Working pressure | 6.3 bar                |
| Idle speed       | 2000 min <sup>-1</sup> |
| Weight approx.   | 0.75 kg                |



| Accessories                 |         |
|-----------------------------|---------|
| Art. no.                    |         |
| Polishing sponge hard 90 mm | 2403281 |
| Polishing sponge soft 90 mm | 2403282 |
| Polishing disc wool bonnet  | 2403283 |

### NE MINI PRO needle scaler

- ▶ Ideal for removing rust and coatings from wheel rims, frame parts and tight spaces
- ▶ Safety release lever
- ▶ Infinitely variable power



| Technical data    |                        | Accessories   |         |
|-------------------|------------------------|---------------|---------|
| NE Mini PRO       |                        | Art. no.      |         |
| Art no.           | 2402650                | Spare needles | 2402651 |
| Air requirement Ø | approx. 48 l/min       |               |         |
| Number of strokes | 3000 min <sup>-1</sup> |               |         |
| Needle length/Ø   | 81.5 / 1.4 mm          |               |         |
| Working pressure  | 6.3 bar                |               |         |
| Weight approx.    | 0.5 kg                 |               |         |

### Needle gun NP PRO

- ▶ Ergonomic handling thanks to pistol shape
- ▶ With 19 individual 3 mm needles
- ▶ Insulated handle and exhaust air duct to the front



| Technical data    |                        | Accessories   |         |
|-------------------|------------------------|---------------|---------|
| NP PRO            |                        | Art. no.      |         |
| Art no.           | 2402640                | Spare needles | 2402605 |
| Air requirement Ø | approx. 170 l/min      |               |         |
| Number of strokes | 3200 min <sup>-1</sup> |               |         |
| Needle length/Ø   | 180 / 3 mm             |               |         |
| Working pressure  | 6.3 bar                |               |         |
| Weight approx.    | 2.6 kg                 |               |         |

## UNIVERSAL SAW FILE

### Universal saw file

- ▶ Low weight for easy handling
- ▶ Exhaust air routed to the rear via the handle



#### Technical data

|                               |                        |
|-------------------------------|------------------------|
| Art no.                       | 2404630                |
| Air requirement Ø approx.     | 200 l/min              |
| Cutting thickness sheet metal | 1.6 mm                 |
| Stroke rate                   | 5000 min <sup>-1</sup> |
| Stroke length                 | 10 mm                  |
| Working pressure              | 6.3 bar                |
| Weight approx.                | 0.75 kg                |

#### File set

| File set   | Art. no. |
|--|----------|
| 5-part   | 2404650  |
| Round file, half-round file, triangular file, flat file, square file |          |

### Mini universal saw file

- ▶ For cutting e.g. plastics, wood, aluminium and perspex
- ▶ Secure guidance thanks to stop bracket
- ▶ Very quiet, incl. Silence outlet hose



#### Technical data

|                               |                        |
|-------------------------------|------------------------|
| Art no.                       | 2404640                |
| Air requirement Ø approx.     | 200 l/min              |
| Cutting thickness sheet metal | 1.2 mm                 |
| Stroke rate                   | 7500 min <sup>-1</sup> |
| Stroke length                 | 10 mm                  |
| Working pressure              | 6.3 bar                |
| Weight approx.                | 0.5 kg                 |

#### File set

| File set  | Art. no. |
|---|----------|
| 4-part  | 2404645  |
| Flat file, triangular file, round file, half-round file |          |

## SAWS

### Universal saw US-C PRO

- ▶ For up to 3.2 mm aluminium / 1.6 mm sheet metal
- ▶ With swivel joint connection



#### Technical data

|                           |                        |
|---------------------------|------------------------|
| Art no.                   | 2404670                |
| Air requirement Ø approx. | 133 l/min              |
| Stroke rate               | 9500 min <sup>-1</sup> |
| Working stroke            | 10 mm                  |
| Working pressure          | 6.2 bar                |
| Weight approx.            | 0.5 kg                 |

## SHEET METAL NIPPLE

### Sheet metal nipple BN PRO

- ▶ For cutting and moulding in car body and model making, for narrow cutting radius, also in corrugated material
- ▶ Up to 1.6 mm aluminium / 1.2 mm sheet metal



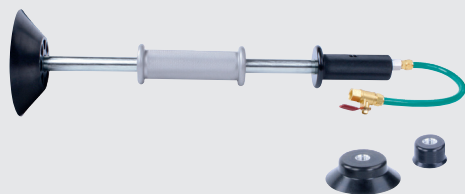
#### Technical data

|                           |                        |
|---------------------------|------------------------|
| Art no.                   | 2404550                |
| Air requirement Ø approx. | 300 l                  |
| Working pressure max.     | 6.3 bar                |
| Stroke rate               | 2600 min <sup>-1</sup> |
| Cutting width             | 5 mm                   |
| Weight approx.            | 1.1 kg                 |

## DENT HAMMER

### Pneumatic dent hammer DBH

- ▶ For dent removal from car bodies
- ▶ Incl. 3 interchangeable suction heads Ø 60, 120 and 150 mm



## SPRING BALANCERS

### Spring balancers

- ▶ For use on assembly lines, series production, etc.
- ▶ Extraordinarily resilient



| Spring balancers | 2106001    | 2106003  | 2106003  |
|------------------|------------|----------|----------|
| Load range       | 0.4 - 1 kg | 1 - 2 kg | 2 - 3 kg |
| Rope length      | 1.6 m      | 1.6 m    | 1.6 m    |

## SPECIAL CUTTER

### Special cutter SZ PRO

- ▶ Cutting car windscreens / adhesive joints
- ▶ With safety lever to prevent unintentional switch-on
- ▶ Very quiet, due to exhaust air hose
- ▶ Can also be used with grinding plates, diamond discs, scrapers



#### Technical data

|                           |                         |
|---------------------------|-------------------------|
| Art no.                   | 2404850                 |
| Air requirement Ø approx. | 280 l                   |
| Working pressure max.     | 6.3 bar                 |
| Stroke rate               | 20000 min <sup>-1</sup> |
| Connection thread         | 1/4"                    |
| Weight approx.            | 0.8 kg                  |



### Accessories: Special oil for pneumatic tools

- ▶ Art no. 2500010
- ▶ For impact wrenches, sheet metal nippers, grinders, drills, staplers, chisels, etc.
- ▶ Protects against premature wear and prevents corrosion
- ▶ Contents: 0.25 l



## CHISEL HAMMERS

### Chisel hammer set MHU

- ▶ For smaller chiselling jobs
- ▶ In a practical plastic case
- ▶ The hexagonal mounting prevents twisting of the chisels



| Technical data            |                        |
|---------------------------|------------------------|
| Art no.                   | 2402200                |
| Air requirement Ø approx. | 280 l/min              |
| Shank                     | 10 mm                  |
| Working pressure          | 6.3 bar                |
| Impact strength           | 7 J                    |
| Number of strokes         | 3000 min <sup>-1</sup> |
| Weight approx.            | 1.6 kg                 |

### Chisel hammer MHA PRO

- ▶ Robust professional demolition hammer
- ▶ Ideally suited for wall breakthroughs and renovation work
- ▶ With 3 chisels and tension springs



| Technical data            |                        |
|---------------------------|------------------------|
| Art no.                   | 2402500                |
| Air requirement Ø approx. | 360 l/min              |
| Shank                     | 12.7 mm                |
| Working pressure          | 6.3 bar                |
| Impact strength           | 10 J                   |
| Number of strokes         | 3600 min <sup>-1</sup> |
| Weight approx.            | 2.8 kg                 |

### Chisel hammer set MHB PRO

- ▶ Long professional version for all construction work, bodywork and electrical installations



| Technical data            |                        |
|---------------------------|------------------------|
| Art no.                   | MHB PRO                |
| Art no.                   | 2402300                |
| Air requirement Ø approx. | 240 l/min              |
| Shank                     | 10 mm                  |
| Number of strokes         | 2200 min <sup>-1</sup> |
| Working pressure          | 6.3 bar                |
| Impact strength           | 9.5 J                  |
| Weight approx.            | 2.0 kg                 |

### Chisel hammer set MH-V PRO SET

- ▶ Perfectly suited for construction work
- ▶ With universal chisel set
- ▶ Vibration-damped and well-balanced
- ▶ Hexagonal chisel holder



| Technical data            |                        |
|---------------------------|------------------------|
| Art no.                   | 2402410                |
| Air requirement Ø approx. | 141 l/min              |
| Shank                     | 10.2 mm                |
| Impact strength           | 15.2 J                 |
| Number of strokes         | 2700 min <sup>-1</sup> |
| Working pressure          | 6.2 bar                |
| Connection thread         | 1/4"                   |
| Weight approx.            | 2.5 kg                 |

### Chisel hammer MHP PRO

- ▶ Robust professional demolition hammer
- ▶ Ideally suited for wall breakthroughs and renovation work



| Technical data            |                        |
|---------------------------|------------------------|
| Art no.                   | 2402550                |
| Air requirement Ø approx. | 600 l/min              |
| Shank                     | 14.7 mm                |
| Working pressure          | 6.3 bar                |
| Impact strength           | 28 J                   |
| Number of strokes         | 2400 min <sup>-1</sup> |
| Weight approx.            | 6.9 kg                 |

### Accessories: Needle scaler attachment

- ▶ Art no. 2402600
- ▶ For rough rust removal, removing plaster and concrete residues and other surface treatments
- ▶ Suitable for MHU, MHB PRO and MHV PRO



| Accessories   | Art. no. |
|---------------|----------|
| Spare needles | 2402605  |

### Accessories: Cross-slotted retaining cap

- ▶ Art no. 2402103
- ▶ Suitable for MHU, MHB
- ▶ For quickly changing the chisels



## STAPLING AND NAILING DEVICES

### KG PRO stapler

- ▶ Staplers for fastening foils, fabrics, leather, wall panelling, insulating materials
- ▶ Also ideal for interior fittings, especially for fastening tongue and groove boards, profiles, mouldings, chipboard etc.
- ▶ With rubberised handle, cold-insulating, non-slip and vibration-reducing
- ▶ With bottom-loading magazine and contact safety device
- ▶ In a practical plastic case



KG 16 PRO

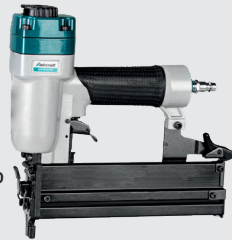


KG 50 PRO

| Technical data           | KG 16 PRO          | KG 32 PRO          | KG 50 PRO               |
|--------------------------|--------------------|--------------------|-------------------------|
| Art no.                  | 2405401            | 2405301            | 2405601                 |
| Air requirement Ø        | approx. 0.5 l/shot | approx. 0.5 l/shot | approx. 1.8 litres/shot |
| Staple length min.- max. | 6 mm – 16 mm       | 13 - 32 mm         | 19 - 50 mm              |
| Staple type              | Type 80            | Type 90 L, MA      | Type N                  |
| Working pressure         | 6 – 8 bar          | 6 – 8 bar          | 6 – 8 bar               |
| Weight approx.           | 0.9 kg             | 1.3 kg             | 3.1 kg                  |

### Nail and stapling device NKG 40/50 PRO

- ▶ Also ideal for interior fittings, especially for fastening tongue and groove boards, profiles, mouldings, chipboard etc.
- ▶ Rubberised handle, cold-insulating, non-slip and vibration-reducing
- ▶ Under-loader magazine and contact safety device
- ▶ Practical plastic case



| Technical data           | NKG 40/50 PRO      |
|--------------------------|--------------------|
| Art no.                  | 2405501            |
| Air requirement Ø        | approx. 0.6 l/shot |
| Staple length min.- max. | 16 - 40 mm         |
| Staple type              | Type 90            |
| Nail length min.         | 15 mm              |
| Nail type                | Type F             |
| Weight approx.           | 1.6 kg             |

### NG 90 PRO nailing device

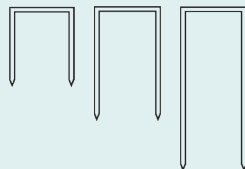
- ▶ Adjustable exhaust air outlet
- ▶ For the production of boxes, formwork and for fastening of gypsum fibreboards
- ▶ Rubberised handle, cold insulating, non-slip and vibration-reducing
- ▶ Bottom-loading magazine and contact safety device



| Technical data    | NG 90 PRO         |
|-------------------|-------------------|
| Art no.           | 2405905           |
| Air requirement Ø | 4.8 l/shot        |
| Nail type         | For striped nails |
| Weight approx.    | 4.5 kg            |

### Accessories: Clamps type 80

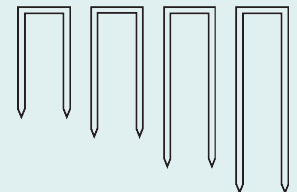
- ▶ Spine width: 12.8 mm
- ▶ Wire gauge: 0.7 x 0.9 mm
- ▶ Galvanised wire unresinated



| Clamps | PQ   | Art. no. |
|--------|------|----------|
| 6 mm   | 5000 | 2405406  |
| 10 mm  | 5000 | 2405410  |
| 16 mm  | 5000 | 2405416  |

### Accessories: Clamps type 90

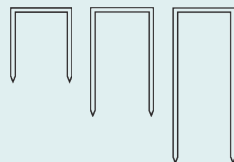
- ▶ Spine width: 5.8 mm
- ▶ Wire gauge: 1.05 x 1.27 mm
- ▶ Galvanised wire, resin-coated



| Clamps | PQ   | Art. no. |
|--------|------|----------|
| 19 mm  | 5000 | 2405319  |
| 25 mm  | 5000 | 2405325  |
| 32 mm  | 5000 | 2405332  |
| 38 mm  | 5000 | 2405338  |

### Accessories: Clamps type N

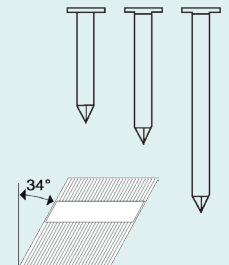
- ▶ Spine width: 10.8 mm
- ▶ Wire gauge: 1.40 x 1.60 mm
- ▶ Galvanised wire, resin-coated



| Clamps | PQ    | Art. no. |
|--------|-------|----------|
| 32 mm  | 10000 | 2405632  |
| 38 mm  | 10000 | 2405638  |
| 50 mm  | 10000 | 2405650  |

### Accessories: Nails type RN

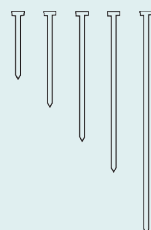
- ▶ striped 34°
- ▶ Galvanised and resin-coated steel wire



| Nails        | PQ   | Art. no. |
|--------------|------|----------|
| 2.87 x 60 mm | 3000 | 2405960  |
| 3.10 x 70 mm | 3000 | 2405970  |
| 3.10 x 90 mm | 3000 | 2405990  |

### Accessories: Upset head nails type F

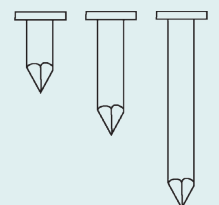
- ▶ Wire gauge: 1.05 mm x approx. 1.22 mm
- ▶ Head: approx. 1.9 mm - approx. 2.2 mm
- ▶ Galvanised wire unresinated



| Nails | PQ   | Art. no. |
|-------|------|----------|
| 15 mm | 5000 | 2405515  |
| 25 mm | 5000 | 2405525  |
| 32 mm | 5000 | 2405532  |
| 40 mm | 5000 | 2405540  |
| 50 mm | 5000 | 2405550  |

### Accessories: Coil nails wire-bound

- ▶ Ø 3.05 mm
- ▶ 120 pcs/coil



| Coil nails   | PQ   | Art. no. |
|--------------|------|----------|
| 3.05 x 22 mm | 7200 | 2405822  |
| 3.05 x 45 mm | 7200 | 2405845  |

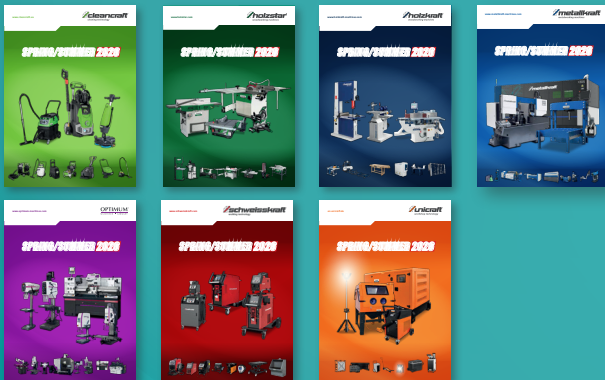


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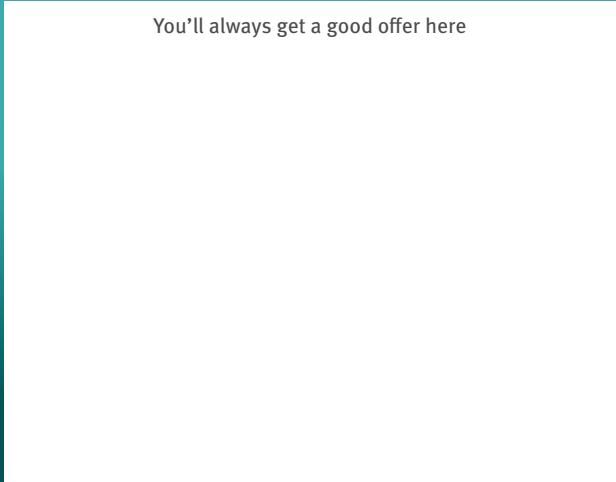
**AIRPROFI 703/100**  
Mobile piston compressor  
with belt drive  
Art. no.: 2018731



**Stürmer Maschinen GmbH**  
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Phone +49 (0) 9 51 96 555 - 0  
[info@stuermer-maschinen.de](mailto:info@stuermer-maschinen.de) | [www.stuermer-maschinen.de](http://www.stuermer-maschinen.de)

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