



LIFTING AND WORKSHOP TECHNOLOGY



MAIN CATALOGUE 2025/26

OFFER FOR OUR CUSTOMERS WHO ARE ENTREPRENEURS AND NOT CONSUMERS



Dear customers,

Our aim is to make your work easier.

With UNICRAFT, you acquire lifting and workshop technology that always fulfils your requirements in terms of ease of use, equipment, quality and technology. In addition, the entire UNICRAFT programme impresses with its exceptional price-performance ratio.

Thanks to our comprehensive specialist dealer sales network, you will always find a

local partner who guarantees you personal support, optimum advice and after-sales service.

Of course, our expert team will also be happy to provide you with advice and assistance.

Unicraft team



Kilian Stürmer
Managing Director

Robert Stürmer
Sales Manager

SLD - Stürmer Logistics Services These figures speak for themselves

- > 20000 pallet spaces
- > 2500 shelf spaces for small parts
- > 22000 m² storage space
- > approx. 2000 m² accessories storage area
- > 55 employees
- > approx. 10500 shipments per month
- > approx. 23 million euros in stock available at all times
- > approx. 50000 m² floor space

OVER 500000 ITEMS READY FOR DELIVERY

- > approx. 21000 machines
- > approx. 235000 accessory items
- > approx. 250000 spare parts
(as at 31.12.2022)





Study and try out

The STÜRMER demonstration and training centre

In our demonstration centre at our main site in Hallstadt, near Bamberg, you can experience many of our highlights live on approx. 2000 m². Four specialist advisors are at your disposal with their specialised knowledge.

You can expect

- ▶ approx. 2000 m² of training and exhibition space
- ▶ 150 machines permanently ready for you to demonstrate
- ▶ An excerpt of the most important machines from each division of our product portfolio

STÜRMER also offers product training courses for its trade partners at the company's site in Hallstadt.

In the specially equipped training and demonstration rooms, specialist dealers are provided with important specialist knowledge about STÜRMER products and the differences to competitor products.

Many machines are presented, demonstrated and explained in the exhibition. Practical training is therefore guaranteed.



Up to 60 people can be brought along to in-house meetings, discussions and training sessions.



The company's own bistro for a cosy end to meetings, discussions and training sessions.



DISCOVER OUR PRODUCT VIDEOS NOW!

On our YouTube channel all our product videos are available to you. Subscribe to our YouTube channel, to avoid missing any of the new videos.



Table of contents

WORK AND CONSTRUCTION SITE LIGHTS



NEW Work lights	7
NEW Working spotlight	8
NEW Construction spotlights	8
NEW Light column	9
NEW Penlight	10
NEW Torch	10
NEW 3 in 1 LED torch	11
NEW Headlamp	11
NEW Engine compartment light	11

BATTERY CHARGERS/ JUMP STARTERS



Cable reel	
LKAR 8	14
Jumper cable	
16 / 25 / 35 mm ²	14
Battery tester	
BT P 1	15
Manual battery charger	
BC 14	15
Battery charger/starter	
BC 30 E S	16
Battery starters	
SB 201 MS / SB 202 MS	18
SB 501	19
Battery charger/starter	
MBC 450 S / MBC 750 S	20

POWERSTATIONS



Powerstations	
PPS 600 / 1200 / 2000 / 2400	22
Mobile power station	
NEW PPS 3600 M	24

POWER GENERATOR



Inverter generator	
PG-I SR	28
PG-I SE	28
NEW PG-I SR-S	29
NEW PG-I SE-S HC	29
PG-I SR	30
NEW PG-I SE	31
NEW PG-I SE HC	31
PG-I S	32
PG-I SE	33
Synchronous generators	
PG-E	34
PG SRA	36
PG TRA	37
PG X SEA	38
PG X TEA	39
PG-D X-TEA	41

PG TEA HC	42
PG SR	43
PG-D SR	44
PG-D SE / TE	45
PG-D TEA-S HC	46

PTO generators

PTO TA	49
--------	----

Mobile power generator

NEW PG-E 55 SEA 4 in 1	50
-------------------------------	----

INDUCTION HEATERS



IHG 1500	52
IHG 3500	53
Accessories IHG 1500/ 3500	54
IHG 10000	55
IHG 13000	55

HEATERS



Infrared electric heaters

NEW IEHG W	57
-------------------	----

Infrared electric heaters

NEW IEHG	58
-----------------	----

Electric heater

EHG	59
-----	----

EHG P	59
-------	----

Gas-fired fan heater

GHG	61
-----	----

Diesel radiant heater

DHG	62
-----	----

Diesel space heaters

DHG K	63
-------	----

Infrared diesel heater

IDHG	64
------	----

Infrared diesel heater

NEW IDHG	65
-----------------	----

LIFT TABLES & LIFT TRUCKS



Hand pallet truck

PHW, K, EF, DF	67
----------------	----

PHW W / WP	68
------------	----

Electric pallet truck

NEW EHW	69
----------------	----

GHHW 1000	73
-----------	----

High-lift pallet truck

GHHW 1025	74
-----------	----

Combined scissor pallet truck

PHH 1001	75
----------	----

PHH 1003 E	76
------------	----

Hydraulic scissor lift table

FHT 500	77
---------	----

SHT	78
-----	----

FHT-B 1200	79
------------	----

SHT G & U	80
-----------	----

Workstation lift table

HT 300 M	81
----------	----

HT 300 S	81
----------	----

HT 300 L	82
----------	----

HT 600	83
--------	----

HT 300 M PSR	86
--------------	----

HT 300 L LAP	87
--------------	----

HT 600 LAP	88
------------	----

NEW HT 301 M / HT 301 L / HT 601	90
---	----

Work and assembly table

AMT 500	92
---------	----

AMT 505	94
---------	----

TRANSPORT AIDS



Universal chassis

UF	96
----	----

Corner transport rollers

ETR 4/150	96
-----------	----

Lifting scooter

HR 1000	96
---------	----

Lever rods

HS	97
----	----

Transport rollers

TR, VTR	97
---------	----

Transport trolleys

TF	98
----	----

Transport roller set

TR 20	98
-------	----

AUTOMOTIVE SUPPLIES



Car trolley

PRW 450	100
---------	-----

Hydraulic manoeuvring aid

PV 681	100
--------	-----

Car ramps

KR	101
----	-----

Jackstands

UB	101
----	-----

UBK	101
-----	-----

Stamp jack

HSWH	102
------	-----

HSWH TOP	102
----------	-----

Trolley jacks

RWH	103
-----	-----

SRWH EF	103
---------	-----

SRWH QL	104
---------	-----

SRWH SIL	104
----------	-----

SRWH LFH	104
----------	-----

SRWH LF DS	105
------------	-----

RWHA	105
------	-----

SRWH LH	106
---------	-----

Crossbeam for trolley jack	106
----------------------------	-----

NEW WWH	107
----------------	-----

Oil collecting devices

NEW WOD 70 / WOD 70 SC	108
-------------------------------	-----

Tyre fitting trolley	
RMW 250	108
Multifunctional table	
MFT 35	109
Spring tensioners	
SFS 1000 D	110

HOISTING EQUIPMENT/ SCALES



Universal wire rope hoists	
USZ	112
Electric cable winch	
ESW	112
Wall swivel arm	
WSA-2	113
Electric cable winch	
MES	113
Barrel lifting clamp	
FHK 1	114
Chain hoists	
K	114
Lever hoists	
HZ AL	115
HZ	115
Chain hoist	
K AL	116
Winch with geared trolley	
HFW	116
Rolling chassis	
RFW	116
Screw terminals	
SK	117
Beam clamps	
TK	117
Lifting clamps	
HKS	117
Electric chain hoists	
EKZT-1	117
EKZT-2	119
Steel winch	
SW	121
Hydraulic machine jacks	
HMH	121
Machine jack	
MH	121
Permanent lifting magnets	
PLM	122
Hanging scales	
HW	123
Crane scales	
KW	123
Hand lifting magnets	
HHM	124

GEARBOX JACK



Gearbox jacks	
GH	126
GH TOP	126

AUTOMOTIVE AIDS / WORKSHOP CRANES / MOTORBIKE JACKS



Hydraulic scissor lift	
SHB 3	128
Engine mounting bridge	
MMB 505	129
Motor positioner	
MP 680	129
Motor mounting block	
MMB 450	129
Body straightening kit	
HKRS 1001	129
Workshop cranes	
WK	130
WKP	131
Mobile gantry cranes	
PK	132
Motorbike assembly stand	
MMS	133
Motorbike jack	
MH 680	133
Motorbike lifts	
MHB	133
Aluminium ramps	
LR / SLR / AR	134

INFRARED LACQUER DRYER



Infrared lacquer dryer	
ILT 1	136
NEW ILT 2	137
ILT 3 W	138

WORKSHOP PRESSES



Hydraulic workshop presses	
WPP	140
WPP TOP	142
NEW WPP HMC	144

PARTS WASHERS



Parts washers	
TWG 20, 80, 150	146
TWG 1	147
TWG 1 H	148

SANDBLASTERS



Sandblasting cabinets	
SSK 1 / SSK 1.5	150
SSK 2 / SSK 2.5	151
SSK 3.1	152

SSK 4	153
SSK 5	154
Cyclone extraction system	
ZAA 34	155
Mobile sandblasting unit	
MSSG 105A	156
Compressed air hand-held sandblasters	
DHS 1	156

WORKSHOP SUPPLIES



Stools/chairs/standing aids	
Assembly stool / swivel stool / standing aid / work chair / high chair	158
Roller boards / vices / work mats	
MRB 40 KS	159
KRL 1	159
Vices	159
Workplace mats	159

FANS



Axial fans	
MV	161
MVT	161
Pedestal fan	
SV	163
Floor fan	
BV	163
Wall fan	
WV	164
Mobile fans	
MV	164
Centrifugal fans	
RV	165

DEHUMIDIFIER



Dehumidifier	
LEF 12 / 30	168
LEF S	169

AIR CONDITIONERS



Air conditioners	
PAC	171
SC-K, SC-K D	172
Monobloc wall-mounted air conditioner	
MAC 2950 H	173

New

WORK AND CONSTRUCTION SITE LIGHTS

New



LAL 400-2 DC - Foldable LED work light

- ▶ Powerful Li-ion rechargeable battery
- ▶ Flexible 230° swivel – adapts perfectly to any working position
- ▶ Integrated LED for displaying the battery status
- ▶ Three versatile SMD LED light sources for front, rear and spotlight illumination

100% Spotlight	100% Main light	50% Main light	100% Rear light
Light duration (approx. in hours)			
7:30 h	3:00 h	6:30 h	3:00 h

Technical data		LAL 400-2 DC
Art. no.		6901015

Electrical connection	V/W	3.7/5
Capacity	mAh	800
Charging time	h	2.5
Impact resistance		IK07
Dimensions (L x W x H) approx.	mm	35x20x160
Weight approx.	kg	0.09



6500 K (neutral white light)

Rechargeable battery operation | Dimmable | USB TYPE C | IP 20



▶ For hard-to-reach places

Scope of delivery:
USB-C charging cable 1 m

Accessory	Art. no.
USB-C charging cable 1 m	6909002

LAL 900 DC – Focusable LED work light

- ▶ Powerful Li-ion rechargeable battery
- ▶ Three brightness levels
- ▶ Flexible 180° swivel – adapts perfectly to any working position
- ▶ Integrated LED for displaying the battery status
- ▶ Rubberised handle for maximum grip

100%	50%	25%
Light duration (approx. in hours)		
3:30 h	7:00 h	16:00 h

Technical data		LAL 900 DC
Art. no.		6901020

Electrical connection	V/W	3.7 / 10
Capacity	mAh	2,500
Charging time	h	3
Protection class		IP54
Impact resistance		IK07
Dimensions (L x W x H) approx.	mm	46x45x205
Weight approx.	kg	0.28



6500 K (neutral white light)

Rechargeable battery operation | Dimmable | USB TYPE C | IP 54



▶ Infinitely variable focussing for a widely scattered or pinpoint beam of light

Scope of delivery:
USB-C charging cable 1 m

Accessory	Art. no.
USB-C charging cable 1 m	6909002
Spare battery	6909003

LAL 1000-2 DC - LED work light, rotatable and swivelling

- ▶ Powerful Li-ion rechargeable battery
- ▶ Two LED light sources for perfect illumination (spotlight, main light)
- ▶ Two brightness levels
- ▶ Rotates 320° for maximum flexibility
- ▶ Flexible 180° swivel – adapts perfectly to any working position
- ▶ Integrated hook on top and bottom of the device

100% Spotlight	100% Main light	50% Main light
Light duration (approx. in hours)		
11:00 h	3:00 h	6:00 h

Technical data		LAL 1000-2 DC
Art. no.		6901025

Electrical connection	V/W	3.7 / 10
Capacity	mAh	2,500
Charging time	h	3
Protection class		IP20
Impact resistance		IK07
Dimensions (L x W x H) approx.	mm	67x66x272
Weight approx.	kg	0.34



6500 K (neutral white light)

Rechargeable battery operation | Dimmable | USB TYPE C | IP 20



▶ Flexible positioning thanks to swivelling and tilting function

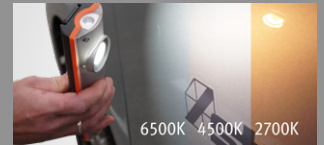
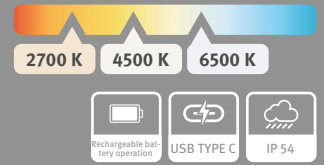
Scope of delivery:
USB-C charging cable 1 m

Accessory	Art. no.
USB-C charging cable 1 m	6909002

LAL 800 DC Colour – LED work light with colour temperature mode

- ▶ Powerful Li-ion rechargeable battery
- ▶ Two LED light sources for perfect illumination (spotlight, main light)
- ▶ LED for displaying the battery status
- ▶ Integrated hook on the top of the device
- ▶ Ideal conditions for precise colour matching and the detection of paint defects

	100 % spotlight	100 % main light
Light duration (approx. in hours)		
	8:00 h	4:00 h
<i>Technical data</i>		
Art. no.	LAL 800 DC Colour 6901030	
Electrical connection	V/W	3.7 / 10
Capacity	mAh	5,000
Charging time	h	6.5
Impact resistance		IK08
Dimensions (L x W x H) approx.	mm	60x35x215
Weight approx.	kg	0.39



▶ Three colour temperature settings make it easier to detect paint defects and damage.

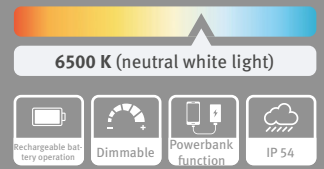
Scope of delivery:
1 m USB-C charging cable
Charging station

Accessory	Art. no.
USB-C charging cable 1 m	6909002

LAS 3000 DC – LED work light with power bank function

- ▶ Powerful Li-ion rechargeable battery
- ▶ Integrated power bank function with USB-A output
- ▶ Five brightness levels
- ▶ Robust aluminium housing with plastic edge protection
- ▶ Integrated LED for displaying the battery status
- ▶ Practical folding support with adjustable angle
- ▶ Device also for hanging

	100%	80%	60%	40%	20%
Light duration (approx. in hours)					
	3:00 h	4:00 h	6:00 h	12:00 h	30:00 h
<i>Technical data</i>					
Art. no.	LAS 3000 DC 6902000				
Electrical connection	V/W	7.4 / 30			
Capacity	mAh	5,000			
Charging time	h	4			
Protection class		IP65			
Impact resistance		IK08			
Dimensions (L x W x H) approx.	mm	140x55x215			
Weight approx.	kg	1.12			



▶ Perfect for stationary lighting at work

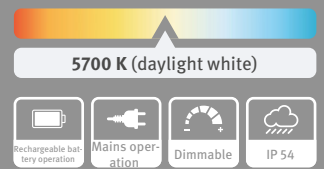
Scope of delivery:
USB-C charging cable 1 m

Accessory	Art. no.
USB-C charging cable 1 m	6909002

LBS 10000 AC/DC - Hybrid LED construction spotlight

- ▶ Can be used with 18V batteries thanks to battery adapter for Bosch, Makita, Milwaukee and Metabo or 230V mains connection
- ▶ Housing made of impact-resistant plastic IK08
- ▶ Dimmable in four stages
- ▶ LED status indicator for the installed 4 Ah battery
- ▶ Integrated tilt protection protects the lens and housing from damage
- ▶ Support adjustable in angle
- ▶ Ergonomic handle for transport

	100%	75%	50%	25%
Light duration (approx. in hours)				
	0:45 h	0:45 h	1:25 h	3:10 h
<i>Technical data</i>				
Art. no.	LBS 10000 AC/DC 6903000			
Electrical connection	V/W	230 / 18 / 90		
Energy efficiency class		F		
Connection cable length	m	5		
Impact resistance		IK08		
Dimensions (L x W x H) approx.	mm	340x182x265		
Weight approx.	kg	3.2		



Scope of delivery:
Bosch battery adapter
Makita battery adapter
Milwaukee battery adapter
Metabo battery adapter
Mains cable 230V 5 m
Tripod 3m
Traverse for mounting a second construction spotlight



Accessory	Art. no.
Adapter DeWalt 18V	6909036
Festool 18V adapter	6909037
Adapter Einhell 18V	6909038

LBS 12500-3 AC/DC - LED construction spotlight with 360° beam angle

- ▶ Perfectly suited for the construction site or workshop for 360° lighting, e.g. for painting walls and ceilings or for drywall construction
- ▶ Compatible with 230 V mains connection or 18 V batteries* thanks to the battery adapter supplied
- ▶ Four brightness levels

- ▶ Integrated LED display for brightness levels
- ▶ Mobile thanks to attached carrying handles and an all-round cable winder
- ▶ Practical hanging hook on the underside of the lamp

Hybrid 230V and 18V rechargeable battery

100%	75%	50%	25%
Light duration with battery (approx. in hours)			
0:45 h	1:10 h	2:00 h	4:45 h

Technical data		LBS 12500-3 AC/DC
Art. no.		6903010
Electrical connection	V/W	18/230 / 100
Energy efficiency class		E
Connection cable length	m	5
Impact resistance		IK08
Dimensions (L x W x H) approx.	mm	280 x 286 x 360
Weight approx.	kg	4.3



6500 K (neutral white light)

Rechargeable battery operation | Mains operation | Dimmable | IP 54

Scope of delivery:
Mains cable 230V 5 m
Battery adapter (Bosch, Makita, Metabo, Milwaukee)

Accessories	Art. no.
3 m. Telescopic tripod with crossbar	6909000
Bracket for construction spotlights	6909001
Adapter	
Bosch Professional 18V	6909004
Makita 18V	6909005
Milwaukee / DeWalt 18V	6909006
Metabo 18V	6909007
Festool 18V	6909008
Fein 18V	6909009
Einhell 18V	6909010

LLS 23000-2 AC - LED light column with extendable telescopic spotlight

- ▶ Integrated pull-out spotlight on top of device, flexibly tiltable and swivelling with an output of 3000 lumens.
- ▶ Three brightness levels for optimal light adjustment and energy savings.
- ▶ Perfect for construction sites or workshops, providing 360° lighting, e.g. for painting walls or drywall installation.

- ▶ Mobile thanks to attached carrying handles, transport rollers and a cable reel around the perimeter.
- ▶ Built-in parking brake for a stable hold
- ▶ Two integrated sockets for consumers up to 3000 W power
- ▶ Integrated LED display for brightness levels

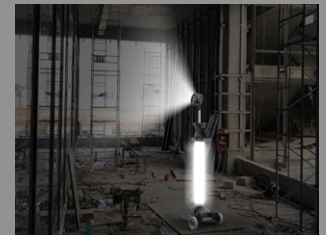
100% Spotlight	100% Main light	50% Main light	25% Main light
Light duration with battery (approx. in hours)			
0:45 h	1:10 h	2:00 h	4:45 h

Technical data		LLS 23000-2 AC
Art. no.		6904000
Electrical connection	V/W	230 / 30/200
Connection cable length	m	5
Energy efficiency class		E
Impact resistance		IK08
Dimensions (L x W x H) approx.	mm	525 x 430 x 1300
Weight approx.	kg	9.6



6500 K (neutral white light)

Mains operation | Dimmable | IP 54



▶ 360° lighting for construction site or workshop

Scope of delivery:
Mains cable 230V 5 m
Carrier bag

LBS 13500-3 AC – LED construction spotlight with tripod

- ▶ Construction spotlights for 360° lighting on construction sites
- ▶ Each spotlight individually adjustable for the right lighting position
- ▶ Four brightness levels per spotlight for optimal light adjustment and energy savings.

- ▶ Flexibly height-adjustable up to 2.2 m - adapts to any work situation
- ▶ Stable stand thanks to three sturdy feet – secure hold even on uneven surfaces

100%	75%	50%	25%
Light duration with battery (approx. in hours)			
0:45 h	1:10 h	2:00 h	4:45 h

Technical data		LBS 13500-3 AC
Art. no.		6903005
Electrical connection	V/W	230 / 100
Connection cable length	m	5
Energy efficiency class		D
Impact resistance		IK08
Dimensions (L x W x H) approx.	mm	258 x 210 x 1028
Weight approx.	kg	9



6500 K (neutral white light)

Mains operation | Dimmable | IP 54



▶ Fully foldable and weighing only approx. 9 kg for easy transport.

LTL 300 DC – Compact, powerful penlight with COB LED

- ▶ Robust aluminium housing
- ▶ Can be operated with 700 mAh rechargeable battery or 2 x AAA batteries
- ▶ Rechargeable via USB-C interface
- ▶ Practical clip for attaching to shirt or trouser pocket, also serves as roll protection
- ▶ Practical UV function for document verification or fluorescence examinations, for example
- ▶ Simple operation with end cap switch
- ▶ Equipped with battery charge indicator

100%	UV
Light duration (approx. in hours)	
1:30 h	1:00 h

Technical data		LTL 300 DC
Art. no.		6901005

Capacity	mAh	700
Beam angle	°	60
Light range max.	m	30
Service life	m	10000
Impact resistance		IK07
Dimensions (L x W x H) approx.	mm	158 x 16 x 20
Weight approx.	g	70



▶ Practical clip for attaching to a shirt or trouser pocket

Scope of delivery:
USB-C charging cable 0.8 m

LTL 1400 DC – Compact, powerful torch with COB LED for a wide range of applications

- ▶ Robust aluminium housing
- ▶ Can be operated with 2,000 mAh rechargeable battery or 4 x AAA batteries
- ▶ Rechargeable via USB-C interface
- ▶ Four practical lighting modes for every situation: Medium, High, Low, Strobe, SOS
- ▶ Equipped with battery charge indicator
- ▶ Integrated focus function

100%	40%	1.5%	Strobe	SOS
Light duration (approx. in hours)				
2:00 h	3:30 h	50:00 h	2:00 h	2:30 h

Technical data		LTL 1400 DC
Art. no.		6901000

Capacity	mAh	2,000
Beam angle	°	120
Light range max.	m	150
Service life	m	10000
Impact resistance		IK07
Dimensions (L x W x H) approx.	mm	175 x 28 x 38
Weight approx.	g	210



Scope of delivery:
USB-C charging cable 0.8 m

LAL 1000 DC – Compact, powerful work lamp with COB and SMD LED for a wide range of applications

- ▶ Robust aluminium housing
- ▶ Can be operated with 1,000 mAh rechargeable battery or 3 x AAA batteries
- ▶ Rechargeable via USB-C interface
- ▶ Three practical lighting modes for every situation: High, Medium, Low
- ▶ Integrated spotlight on the top of the lamp
- ▶ Equipped with battery charge indicator
- ▶ Equipped with distance sensor on the front of the device to automatically switch off the light source
- ▶ Integrated magnetic holder

100%	50%	25%	Spotlight
Light duration (approx. in hours)			
1:30 h	3:00 h	5:00 h	6:00 h

Technical data		LAL 1000 DC
Art. no.		6901010

Capacity	mAh	1,000
Beam angle	°	65
Light range max.	m	55
Service life	m	10000
Impact resistance		IK07
Dimensions (L x W x H) approx.	mm	121 x 44 x 26
Weight approx.	g	140



▶ Practical clip for attaching to a shirt or trouser pocket

Scope of delivery:
USB-C charging cable 0.8 m

3-in-1 LTL 350-3 DC - 3-in-1 LED torch for a bunch of different uses

▶ Lamp body with three different attachments

	High	Low
Light duration (approx. in hours)		
Torch	2:00 h	4:30 h
Flexible lamp	5:00 h	8:00 h
Work lamp	1:30 h	4:00 h
Technical data		
Art. no.	3-in-1 LTL 350-3 DC 6901013	
Capacity	mAh	4,000
Beam angle	°	70
Light range max.		
Torch	m	100
Flexible lamp	m	154
Work lamp	m	25
Service life	m	10000
Impact resistance		IK07
Dimensions (L x W x H) approx.	mm	191 x 557 x 351
Weight approx.	g	80

- ▶ Operation with 2200 mAh battery
- ▶ Rechargeable via USB-C interface
- ▶ Lamp head can be changed quickly thanks to quick-release mechanism
- ▶ With torch, swivelling and flexible attachment
- ▶ Two practical lighting modes: Low, High
- ▶ Integrated focus function
- ▶ Equipped with battery charge indicator
- ▶ Magnetic holder on underside of lamp
- ▶ Robust aluminium housing

250 lumen



350 lumen

180 lumen



7500 K (cool daylight)



Scope of delivery:
 USB-C charging cable 0.8 m
 Attachment with flexible lamp
 Attachment with torch
 Attachment with work lamp

LSL 500 DC – Compact, powerful headlamp with COB and SMD LED for wide-angle and spot lighting

- ▶ Robust plastic housing
- ▶ Can be operated with 1000 mAh rechargeable battery or 3 x AAA batteries
- ▶ Rechargeable via USB-C interface
- ▶ Four practical lighting modes for every situation
- ▶ Weatherproof thanks to IP54

- ▶ Equipped with battery charge indicator
- ▶ Stepless swivelling lamp head
- ▶ Integrated sensor mode; switch off the lamp by waving your hand in front of it.
- ▶ Lamp can also be found in the dark thanks to fluorescent components
- ▶ Memory function for saving the selected light mode

SMD: High	SMD: Low	COB on	COB and SMD on
Light duration (approx. in hours)			
2:00 h	10:00 h	4:00 h	1:30 h
Technical data			
Art. no.	LSL 500 DC 6905000		
Capacity	mAh	1,000	
Beam angle	°	85	
Light range max.	m	80	
Service life	m	10000	
Impact resistance		IK07	
Dimensions (L x W x H) approx.	mm	68 x 39 x 73	
Weight approx.	g	90	



500 lumen



7000 K (neutral white light)



▶ Lamp can also be used without headband thanks to magnetic mount on rear

Scope of delivery:
 USB-C charging cable 0.8 m

LML 1200 DC - Extendable motor compartment light with SMD LED

- ▶ Robust aluminium - plastic housing
- ▶ 360° rotating hook for mounting on the bonnet or in the vehicle interior
- ▶ Extendable up to 1870 mm
- ▶ Two practical lighting modes: Low, High
- ▶ Equipped with battery charge indicator
- ▶ Rubber-coated hooks protect the bodywork from damage

High	Low	
Light duration (approx. in hours)		
2:00 h	6:00 h	
Technical data		
Art. no.	LML 1200 DC 6906000	
Capacity	mAh	4,000
Beam angle	°	70
Light range max.	m	40
Service life	m	10000
Impact resistance		IK07
Dimensions (L x W x H) approx.	mm	1214 x 130 x 77
Weight approx.	kg	1.1



1200 lumen



6500 K (neutral white light)



- Operation with 4000 mAh battery
- Rechargeable via USB-C interface

Scope of delivery:
 USB-C charging cable 2 m



BATTERY CHARGER STARTING DEVICES



Overview of battery chargers

	Model	BC 30 E S	EBC 22 E	EBC 75 E EBC 150 E	JSPB 12	SB 201 MS	SB 202 MS	SB 501	MBC 450 S MBC 750 S
	Art. no.:	6851050	6851100	6851105 6851110	6851150	6850655	6850660	6851160	6850515 6850510
Charger	manual	●							
	automatic								
	electronic		●	●					●
Jump start-er	AGM battery							●	
	Lithium battery				●	●	●		
Voltage	6V			●	●				
	12V	●	●	●	●	●	●	●	●
	24V	●					●	●	●
Battery type	WET [®]	●		●	●	●	●	●	●
	LiFePO4		●	●			●		● (450 S only)
	AGM [®]	●	●	●	●	●	●	●	●
	GEL [®]	●	●	●	●	●	●	●	●
function	Charge	●	●	●					●
	Conservation		●	●					●
	Jump start	●			●	●	●	●	●
	Secured jump start					●	●	●	●
	Recovery		●						●
	Supply					●	●		●
Symbol	Abbreviation: Designation	BC 30 E S	EBC 22 E	EBC 70 E EBC 160 E	JSPB 12	SB 201 MS	SB 202 MS	SB 501	MBC 750 S
	function	L	L	L	S	S	S	S	L S
	Motorcycle: Motorcycle	●	●	●	●	●	●	●	● ●
	Car: Passenger car	●	●	●	●	●	●	●	● ●
	kB: Minibuses	●	●	●	●	●	●	●	● ●
	kT: Small vans <3.5 t	●			●	●	●	●	● ●
	Boats: Motorboats with 2 batteries	●				●	●	●	● ●
	Lorries <7.5t: Light lorry < 7.5 t	●					●	●	● ●
	Lw: Agricultural vehicles, tractors	●						●	● ●
	Construction: Construction vehicles							●	● ●
	Lorry>7.5t/vehicle: Trucks, articulated lorries, commercial vehicles, buses, tractors, etc.					●	●	●	● ●

Power generator

Battery charger

Induction / heating appli-
ances

Lift tables & lift trucks

Transport aids

Car jacks

Hoisting equipment/scales

Workshop appliances

Battery charger

LKAR 8 cable reel – For a tidy charging cable when charging the electric car

- ▶ Swivelling steel bracket for wall or ceiling mounting
- ▶ Automatic return brake slows down the cable retraction - no risk of injury from retracting cable
- ▶ Housing made of impact-resistant plastic
- ▶ Locking and automatic retraction of the hose by simply pulling
- ▶ Protected against foreign bodies and splash water thanks to protection class IP 44
- ▶ Only suitable for wallboxes with charging socket



Model		<i>LKAR 8</i>
Art. no.		6882000
Technical data		
Cable length car connection	m	8
Connection cable length	m	2
Plug		Type 2
Power, cable reeled in	KW	7
Power, cable rolled out	kW	11
Connection voltage	V	400
Charging current	A	16
Dimensions (L x W x H)	mm	360 x 322 x 199
Weight approx.	kg	7

Jumper cable

- ▶ Fully insulated pole terminals
- ▶ Plastic sheathing
- ▶ Without surge protection

Scope of delivery:

- › Jumper cable red
- › Black jumper cable
- › Plastic round bag with zip fastener



<i>Model</i>	<i>Jumper cable 16 mm² Length 3 m</i>	<i>Jumper cable 25 mm² Length 3.5 m</i>	<i>Jumper cable 35 mm² Length 4.5 m</i>
Art. no.	6860000	6860001	6860002
Technical data			
Cable length	2 x 3 m	2 x 3.5 m	2 x 4.5 m
Cable cross-section	16 mm ²	25 mm ²	35 mm ²
Max. current load	220 A	350 A	480 A
Live material	Copper-coated aluminium		
Standard	DIN 72553-16	DIN 72553-25	DIN 72553-35
Suitable for batteries	12V	12/24 V	12/24 V
Suitable for motors	Petrol	Petrol/diesel	Petrol/diesel
Weight approx. (pair)	1.8 kg	2.2 kg	2.5 kg

BT P 1 Battery tester with printer - Accurate and reliable with large LCD screen

- ▶ High/low voltage detection for improved starter/charging system testing
- ▶ Proven conductance technology
- ▶ Voltmeter mode for testing the starter motor and charging system
- ▶ Checking the discharged battery
- ▶ Undervoltage/surge/polarity reversal protection
- ▶ Indicates the cold start capability CCA of the battery at the end of each test
- ▶ Test result can be saved
- ▶ Printer included



Model		BT P 1
Art. no.		6851155

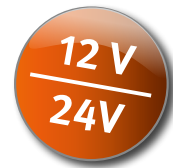
Technical data		
Cold start current CCA	A	100 – 1400
SAE/EN rating system	A	100 – 1400
IEC/DIN rating system	A	100 – 800
Operating temperature	°C	-18 – 55
Voltage range	V DC	1.5 – 17
Housing material		Acid and impact-resistant ABS
Dimensions (L x W x H) approx.	mm	270x100x60
Weight approx.	kg	0.58

Battery charger

Battery charger/starter BC 30 E S –

for charging maintenance-free starter batteries in the automotive sector

- ▶ Various battery types selectable
- ▶ Automatic detection of the battery voltage
- ▶ Selectable charging speed
- ▶ Fast charging possible
- ▶ For long-term charging of maintenance-free batteries that are not constantly in use (e.g. electric cars, motorhomes, lawnmowers, etc.)
- ▶ Optimum charging of the battery even at temperatures below 0°C with special winter mode, device charges with higher charging current and increased charging voltage
- ▶ Optimum control of all phases via illuminated display
- ▶ Simple operation



1. Display selection
2. Selecting the battery type
3. Status display Preparing/ Loading
4. Polarity status
5. BOOST function for starting
6. Technical information
7. Selection of the loading speed



Scope of delivery:
 > Charging cable 1.5 m with fully insulated terminals

Model	BC 30 E S	
Art. no.	6851050	
Technical data		
Charging voltage	12 V	24 V
Charging current (fast/normal)	4 / 8 / 15 / 100 A	
Starting voltage	3 V	
Protection	1 / 5 A	
Power/voltage	270 W/ 230 V ~50Hz	
Charging cycles	6	
Suitable for battery types	AGM, GEL, WET	
Dimensions (L x W x H) approx.	328 x 330 x 210 mm	
Weight approx.	7.87 kg	

Standard equipment:

- ▶ Normal and fast charging
- ▶ Automatic detection of the battery voltage
- ▶ Winter mode
- ▶ Digital display charging voltage and current
- ▶ Display of the battery status
- ▶ Battery voltage display
- ▶ Fuse to prevent short-circuiting of the charging cables
- ▶ Protection against short circuit with incorrect polarity
- ▶ Thermal circuit breaker with auto reset
- ▶ Protection against voltage peaks
- ▶ 1.5 m charging cable ± with professional crocodile clips
- ▶ 230 V connection cable with Schuko plug



EBC E – Electronic battery chargers/preservers for AGM/GEL/STD/lithium batteries

- ▶ Seven-stage charging, extends the service life of the battery
- ▶ Built-in processor provides an intelligent, automatic charging programme that delivers optimum charging performance at high frequency
- ▶ Suitable for e.g. vehicles, motorcycles, boats and lawnmowers
- ▶ Protection against short circuit, reverse polarity, overload and overheating
- ▶ To regenerate batteries that have been deeply discharged over a short period of time
- ▶ Constant current flow during the main charging phase ensures faster and higher charging efficiency

EBC 22 E

- ▶ Status display via LED



Model	EBC 22 E	EBC 75 E	EBC 150 E
Art. no.	6851100	6851105	6851110

Technical data				
Charging voltage	V	12	6 / 12	6 / 12
Charging current	A	1.5	2 / 5	5 / 10
Capacity maintenance	Ah	4 – 120	7 – 150	12 – 280
Power/voltage ~50 Hz	W/V	26 / 230	75 / 230	150 / 230
Suitable for battery types		WET, Gel, AGM, Lithium, LiFePO4		
Charging cable length	m	0.5	1.5	1.5
Dimensions (L x W x H) approx.	mm	100 x 65 x 70	240 x 70 x 55	290 x 80 x 61
Weight approx.	kg	0.35	0.5	0.8

Standard equipment EBC 75 E / EBC 150 E:

- Display of the battery status
- Charging voltage display
- Battery voltage display
- Display of charging and starting current
- LED: Signal with incorrect polarity/voltage or fault
- LED signal for charging and end of charge
- Protection against short circuit with incorrect polarity
- Thermal circuit breaker with auto reset
- Protection against overload
- Protection against voltage peaks
- Protection of vehicle electronics
- Charging cable +/- with professional crocodile clips
- 230 volt connection cable with Schuko plug
- Acoustic signal for voltage peaks

JSPB 12 car jump-start battery

Compact, with a peak current of up to 900 amps and power bank function

- ▶ Can start petrol engines with up to 6 litres and diesel engines with up to 3 litres of displacement.
- ▶ Can also be used as a power bank thanks to two USB-A outputs
- ▶ Integrated LED torch
- ▶ Integrated charge status indicator, automatic switch-off when not in use, deep discharge and overcharge protection, overcurrent protection, reverse polarity protection and overheating protection
- ▶ Equipped with the latest battery technology



Scope of delivery:

- ▶ 230V charging cable
- ▶ Insulated terminals
- ▶ USB cable



Model	JSPB 12
Art. no.	6851150

Technical data		
Charging voltage	V	12
Charging capacity	mAh	12000
Starting current	A	300
Peak starting current	A	900
Dimensions (L x W x H) approx.	mm	210 x 85 x 40
Weight approx.	kg	0.88

Standard equipment:

- ▶ Protection against short circuit with incorrect polarity
- ▶ Protection against overload
- ▶ Protection against voltage peaks
- ▶ Battery status display via LEDs

Battery charger

SB MS - Battery starters

Ultra-light device with integrated lithium battery

12 V

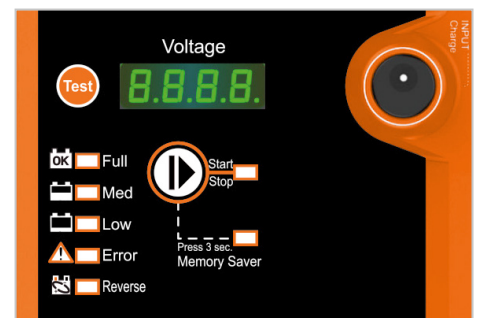
- ▶ For professional users in repair, bodywork and car electrics workshops
- ▶ Patented microprocessor control
- ▶ Display with error code display
- ▶ Easy handling thanks to extensive protection functions, e.g. against incorrect polarity or surge
- ▶ No defect in the internal battery with prolonged discharge
- ▶ Four-cell LiFePO4 battery with high safety against spontaneous ignition
- ▶ Five times longer service life than devices with conventional rechargeable batteries - approx. 3000 cycles
- ▶ 0.5 m long starter cable with fully insulated crocodile clips
- ▶ Memory Saver function: In support charging mode, use as a power supply unit to maintain the settings of the vehicle electronics when the battery is removed - important function for modern cars in which the battery may only be changed in support charging mode in order to maintain the settings of the electronic devices in the vehicle (radio code, seat and driver comfort settings, etc.)

> 100% safe with LiFePO4 lithium-ion battery with four cells

> Protection against voltage peaks

> Protection of vehicle electronics

> Backup charging mode (Memory Saver)



- > Simple operation
- > Display with error code display



Technical data	SB 201 MS	SB 202 MS
Art. no.	6850655	6850660

Electrical data	SB 201 MS	SB 202 MS
Starting voltage	12 V	12/ 24V
Battery capacity	7500 mAh	10000 mAh
Operating temperature	-20 to +40 °C	-20 to +40 °C
Charging cycles	approx. 3,000	approx. 3,000
Peak starting current	2000 A	5000 / 2500 A
I-Start	800 A	2000 / 1000 A
Protection class	IP 32	IP 32
Connection voltage	230 V ~50Hz	230 / ~50
Charging cable length	0.5 m	1.6 m
Suitable for battery types	WET, GEL, AGM	Wet, Gel, AGM, LIT
Dimensions (L x W x H) approx.	260 x 135 x 72 mm	350 x 240 x 140 mm
Weight approx.	2.4 kg	5.0 kg

Standard equipment:

- ▶ Backup charging mode (Memory Saver)
- ▶ Battery voltage display
- ▶ Fuse to prevent short-circuiting of the charging cables
- ▶ Protection against short circuit with incorrect polarity
- ▶ Protection against overload
- ▶ Protection against voltage peaks
- ▶ Protection of vehicle electronics
- ▶ Charging cable ± with professional crocodile clips
- ▶ 230 volt connection cable with Schuko plug



SB 501 - Battery starters for Wet, Gel and AGM batteries

- ▶ Universally applicable device for daily use by professional users in repair, bodywork and car workshops
- ▶ For all vehicle types with 12 or 24 volt batteries
- ▶ With 230 volt connection cable with earthed plug and for cigarette lighter
- ▶ For petrol vehicles up to 10 l cubic capacity and diesel vehicles up to 6.5 l cubic capacity
- ▶ Simple and ergonomic handling
- ▶ Protects the vehicle electronics from damage during the starting process
- ▶ Protection against voltage peaks and incorrect polarity
- ▶ Battery charger for charging the internal battery integrated
- ▶ Direct charging of the starter inside the vehicle via connection cable to cigarette lighter



Scope of delivery:

- > 230V charging cable
- > Car charging cable



Model		SB 501
Art. no.		6851160

Technical data		
Starting voltage	V	12 / 24
Starting current	A	1000 / 600
Peak starting current	A	3000 / 2000
Protection class		IP 20
Suitable for battery types		Wet, Gel, AGM
Electrical connection	V/Hz	230 / ~50
Dimensions (L x W x H) approx.	mm	380 x 190 x 420
Weight approx.	kg	18



Standard equipment:

- ▶ Digital ammeter
- ▶ Protection against overload
- ▶ Protection against voltage peaks and incorrect polarity
- ▶ Protection of vehicle electronics
- ▶ Charging cable +/- with professional crocodile clips

Battery charger

MBC 550S / MBC 750 S – Professional battery chargers/starters for wet, gel and AGM batteries with a charging voltage of 12 and 24 volts



- ▶ Outstanding operational reliability in fast and trickle charging mode
- ▶ Microprocessor-controlled device
- ▶ Automatic charging cycles with up to ten charging and analysis phases
- ▶ Three programmed and one manual charging cycle
- ▶ 100% protection of the vehicle electronics against voltage peaks when starting
- ▶ Operation of the quick start also possible via remote start. With a cable length of 1800 mm, for example from inside the vehicle
- ▶ Stepless selection of the charging current
- ▶ In support charging mode, use as a power supply unit to retain the settings of the vehicle electronics when the battery is removed (memory saver) - important function for modern cars in which the battery may only be changed in support charging mode in order to retain the settings of the electronic devices in the vehicle (radio code, seat and driver comfort settings, etc.)



- › Models with chassis
- › Backup charging mode (Memory Saver)
- › Regeneration and maintenance function
- › Quick start also via remote start operation

Model		MBC 450 S		MBC 750 S	
Art. no.		6850515		6850510	
Technical data					
Charging voltage	V	12	24	12	24
Charging current	A	60	30	100	70
Charging capacity	Ah	10 – 700		4 – 700	
Starting power	A	250 / 125		450	
Top performance	A	540		650	
Voltage ~50Hz	V	230		230	
Suitable for battery types		AGM, GEL, STD, LFP		Wet, Gel, AGM	
Dimensions (L x W x H) approx.	mm	330 x 270 x 780		380 x 310 x 950	
Weight approx.	kg	19		29.5	

Standard equipment:

- Digital display for charging voltage and current
- Digital ammeter
- Display of the battery status
- Display of charging and starting voltage
- LED signal in the event of incorrect polarity, incorrect voltage or fault
- LED signal for charging and end of charge
- Protection against short-circuiting of the charging cables
- Protection against short circuit due to incorrect polarity
- Protection against overload
- Thermal circuit breaker with auto reset
- Charging cable +/- with standard crocodile clips

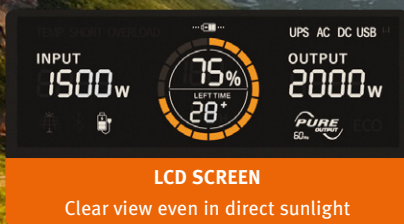
POWERSTATIONS



Powerstations

PPS Powerstations – Perfect for travelling, easy to use, can be used quickly at any time

- ▶ No exhaust fumes or noise
- ▶ In conjunction with solar panels (accessory) can be used independently
- ▶ Built-in lithium iron phosphate battery extremely durable and temperature-resistant
- ▶ Perfect for travelling thanks to the integrated carrying handle and low weight
- ▶ Robust construction, suitable for outdoor use
- ▶ LC display for easy operation and display
- ▶ Universally rechargeable via solar panel (available as accessory), 12V or 230 charger (included in the scope of delivery)
- ▶ More than 2500 charging cycles
- ▶ Intelligent charging thanks to USB-C port with Power Delivery function
- ▶ Integrated fast charging function on USB-A and USB-C output
- ▶ Wireless charging function for smartphones
- ▶ Connected devices protected by intelligent battery management system
- ▶ Completely maintenance-free
- ▶ Integrated LED lamp on the back



LCD SCREEN
Clear view even in direct sunlight



Accessories	Art. no.
1 Charging cable 12 V	6780003
2 Charging cable 230 V	6780004
3 New Parallel connection cable	6780006



Model		PPS 600	PPS 1200	PPS 2000	PPS 2400
Art. no.		6770006	6770012	6770020	6770024
Technical data					
Output AC socket	kW	0.6 (1.2 peak)	1.2 (2.4 peak)	2.0 (4.0 peak)	2.4 (4.8 peak)
Output AC socket ~ 50 Hz	V	2 x 230	2 x 230	5 x 230	5 x 230
DC output		2 x DC5521, 5 A, 13.6 V, max. 100 W, 1 x cigarette lighter 10 A, 12 V, max. 120 W			
USB-C output (USB-PD)		5 / 9 / 12 / 15 / 20 V DC, up to 5 A, max. 2 x 100 W		5 / 9 / 12 V DC, up to 3 A, max. 4 x 24 W	
USB-A output		5 / 9 / 12 V DC, up to 3 A, max. 2 x 24 W			
Battery extension		-	-	New Yes	New Yes
Sockets protection class				IP 65	
Battery capacity	Wh	512	921	1843	2150
Charging cycles (at 80% capacity)			>2500		
Discharge temperature	°C		-10 – +40		
AC input	W	400	600	1200	
DC input	V		220 - 240 V / 50 - 60 Hz		
Charging time to 100% battery with 12 V car adapter	h	5.1	9.2	18.4	21.5
Running time at 100% load	h	0.85	0.77		0.9
Sound power level Lw	dB(A)			54	
Dimensions (L x W x H) approx.	mm	279 x 193 x 181	340 x 236 x 215	430 x 275 x 300	430 x 275 x 300
Weight	kg	7	13	28	30

Wireless charging

PPS 600 / 1200 > 1x 15 W
PPS 2000 / 2400 > 2x 15 W

LiFePO₄ battery

More than 2500 charging cycles up to 80% capacity

Battery management

Deep discharge, overvoltage, overcharging, short circuit, high temperature, low temperature, Fast charging function of the Power Station, UPS function (uninterruptible power supply)

Charging times up to 100 %

with 230 V AC

PPS 600 > 1.2 hours
PPS 1200 > 1.5 hours
PPS 2000 > 1.8 hours
PPS 2400 > 1.7 hours

Sockets

Protected from all external influences thanks to protective flaps (IP65)

Charging cycles

Connected consumer

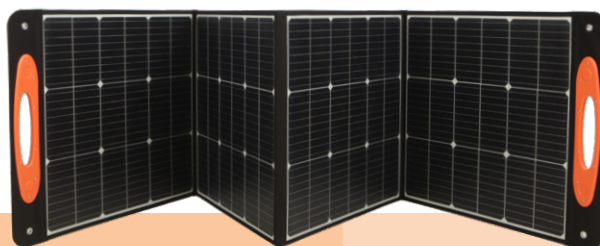
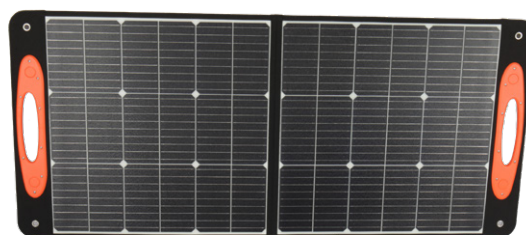
	18 W	90 W	1000 W
PPS 600	28 x	5 x	–
PPS 1200	51 x	10 x	0.9 h
PPS 2000	102 x	20 x	1.8 h
PPS 2400	119 x	23 x	2.1 h

Foldable, portable solar panel with 100W / 200 W power

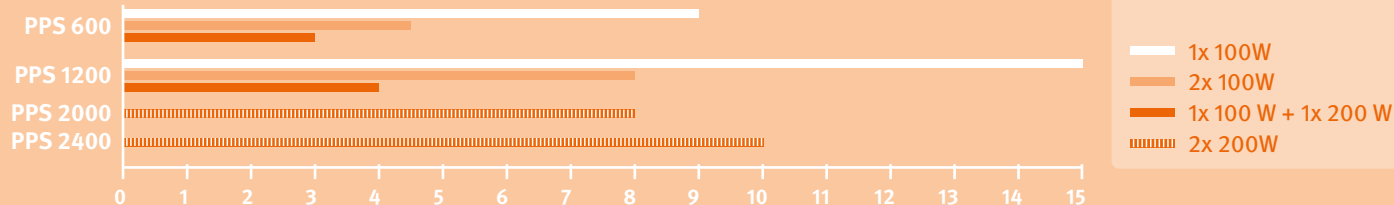
- ▶ Monocrystalline solar panel converts sunlight into electricity
- ▶ Adjustable stand for optimum absorption of sunlight
- ▶ Self-sufficient charging of a consumer directly via solar panel possible thanks to USB-A and USB-C connection
- ▶ High efficiency of 23%
- ▶ The perfect companion for outdoor journeys
- ▶ **Adapter cable** necessary when using of 2 solar panels
- ▶ **Extension cable** provides an additional cable length that allows the power station to be used in the shade while the solar panels absorb direct sunlight

Model	100 W	200 W
Art. no.	6780000	6780001

Accessories	Art. no.
Adapter cable	6780002
Extension cable 3m	6780005



Charging time to 100% in hours



Power station PPS 3600 M – Mobile power station, easy to use, quickly deployable at any time

- ▶ No exhaust fumes or noise
 - ▶ Extremely large battery capacity with 5376 Wh
 - ▶ Built-in lithium iron phosphate battery extremely durable and temperature-resistant
 - ▶ More than 2500 charging cycles possible
 - ▶ Charging via 230 V connection
 - ▶ LCD screen for easy operation and display
 - ▶ Connected devices protected by intelligent battery management system
 - ▶ Completely maintenance-free
 - ▶ Robust tubular lattice frame for outdoor use and construction site operation
- ▶ Mobile thanks to four large solid rubber tyres
 - ▶ Management system for: Deep discharge, overvoltage, overcharge, short circuit, overtemperature, undertemperature, fast charging function of the power station, UPS function (uninterruptible power supply)



Model		PPS 3600 M
Art. no.		6770036
Technical data		
Output AC socket		2x 230 V 16 A 1x 230 V 32 A 3600 W (7200 W peak)
Power station protection class / sockets		IP 23 / IP 44
Battery capacity	Wh	5,376
Charging cycles (at 80% capacity)		>2500
Charging / discharging temperature	°C	0 - 40 / -10 - 40
AC input		220 - 240 V, 50 - 60 Hz, 2200 W
Charging time to 100% capacity with 230 V AC	h	2.8
Running time at 100% load	h	1.4
Sound power level Lw	dB(A)	54
Dimensions (L x W x H) approx.	mm	597 x 476 x 585
Weight approx.	kg	68



1. On/off switch
2. LCD screen
3. Alternating current switch
4. Connection 220–240 V, 50–60 Hz, 2.2 kW
5. Two 230 V 16 A sockets
6. One 230 V 32 A socket outlet

POWER GENERATOR



Quiet operation
Inverter technology for
constant power output

PG-D 80 TEA-S HC | Art. no.: 6731080

Silenced diesel engine
Convenient starting
at the touch of a button
with E-Start



Overview of generators

Choose the right power generator

▶ The stated capacities are approximate values and may vary upwards or downwards in individual cases

Type of consumer

Ohmic consumers

▶ These consist of one or more resistors, i.e. electrical components that essentially generate heat or light.

Examples: Oven, light bulb, iron, coffee machine, fan heater, kettle, etc.

Inductive consumers

▶ Essentially electromagnetic consumers, i.e. electrical components that generate electromagnetism. These devices may require many times the starting power when starting up.

Examples: Fans, drills, pumps, circular table saws, circular hand saws, compressors, concrete mixers, water pumps, bottle vibrators, etc.

Design of the power generator

▶ When designing the generator, increased starting power may need to be taken into account depending on the type of consumer and care must be taken to ensure that the power requirement of the consumers does not exceed the continuous output of the generator.

▶ **Synchronous generators** can be briefly overloaded by up to 3 times (some models even 4 times) and are therefore particularly suitable for inductive loads with increased starting power.

▶ **Inverter generators** produce electricity with a pure sine wave and are therefore particularly suitable for modern electronics such as computers, smart TVs, etc.

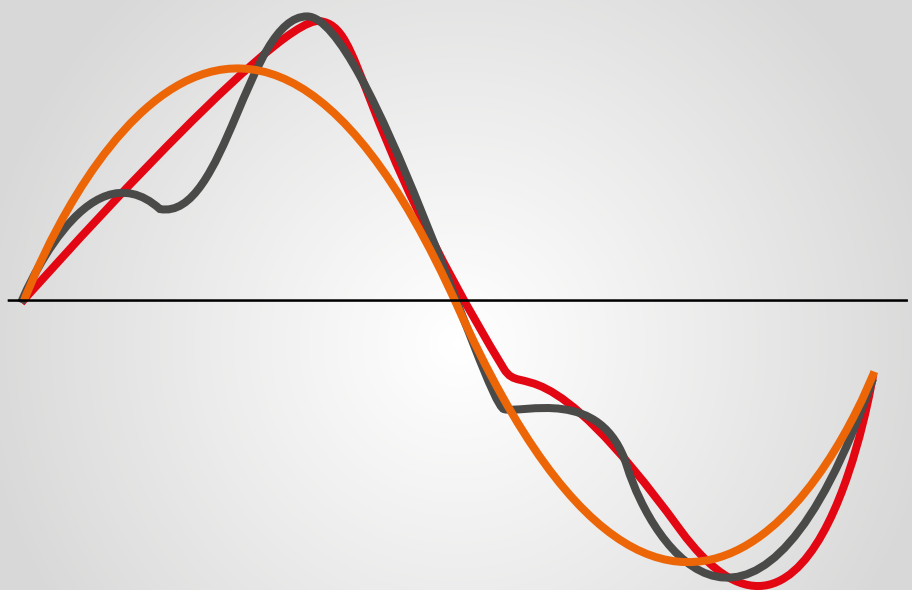
The device names - how to understand the individual designations:

PG	Power generator
-I	Inverter
-D	Diesel
-E	Eco
-X	Insulation monitoring
-S	Soundproofed housing
T	400 V
S	230V
H	Suitable for domestic feed-in
C	With interface for connection of automatic circuit breaker
E	E-start
R	Manual start
A	AVR regulation*
-54	Protection class IP 54

* AVR Automatic Voltage Regulation: Ensures a constant output voltage by electronically equalising voltage peaks or drops. The sine wave generated is so constant that most electronic devices can be operated safely. However, for particularly sensitive devices such as modern PCs or smart TVs, an inverter generator with a pure sine wave is recommended to ensure optimum performance and protection.

Overview - Inverter generator

Type designation	Article number	Continuous output power (active power) - kW	Continuous output power (apparent power) - kVA	Nominal voltage - V	Factor for short-term start-up power	Start-up power - kW		
PG-I 12 SR	6706112	1.0	1.1	230	1	1.0	-	Top price/performance
PG-I 20 SR	6706120	1.7	1.8	230	1	1.7	-	Top price/performance
PG-I 35 SE	6706135	2.8	3.1	230	1	2.8	-	Top price/performance
PG-I 21 SR-S	6707121	1.8	1.8	230	1	1.8	-	Top price/performance
PG-I 33 SR-S	6707133	3.3	3.3	230	1	3.3	-	Top price/performance
PG-I 45 SE-S HC	6707145	4.5	4.5	230	1	4.5	Suitable for domestic feed-in	Top price/performance
PG-I 55 SE-S HC	6707155	5	5	230	1	5.0	Suitable for domestic feed-in	Top price/performance
PG-I 85 SE-S HC	6707186	8	8	230	1	8	Suitable for domestic feed-in	Top price/performance
PG-I 35 SR	6707235	3.2	3.2	230	1	3.2	-	Top price/performance
PG-I 41 SE	6707242	3.6	3.6	230	1	3.6	-	Top price/performance
PG-I 65 SE	6707265	6	6	230	1	6	-	Top price/performance
PG-I 85 SE HC	6707285	8	8	230	1	8	Suitable for domestic feed-in	Top price/performance



- Sine wave inverter generator
- Sine wave power generator with AVR technology
- Sine wave standard power generator (compound)

Not all models listed are included in this promotional brochure.
You can find more models at www.stuermer-maschinen.de

Overview of petrol/diesel generators and PTO generators

Type designation	Article number	Continuous output power (active power) COP 230V - kW	Continuous output power (apparent power) COP 230 V - kVA	Continuous output power (active power) COP 400V - kW	Continuous output power (apparent power) COP 400 V - kVA	Nominal voltage - V	Voltage regulation AVR - Y/N	Factor for short-term start-up power	Start-up power - 230 Volt - kW	Start-up power - 400 Volt - kW		
Petrol synchronous generator												
PG-E 60 SEA	6706060	5.0	5.5	-	-	230	Y	3	15	-	-	Top price/performance
PG-E 80 TEA H	6706080	2.3	2.5	6.5	7.8	230/400	Y	3	6.9	19.5	Suitable for domestic feed-in	Top price/performance
PG-E 90 SEA	6706090	7.5	8.3	-	-	230	Y	3	22.5	-	-	Top price/performance
PG-E 100 TEA H	6706100	3.5	3.8	10.0	12.0	230/400	Y	3	10.35	30	Suitable for domestic feed-in	Top price/performance
PG 400 SR	6700041	2.6	3.1	-	-	230	Y	3	7.8	-	-	Made in Europe
PG 400 SRA	6701041	2.6	3.1	-	-	230	Y	3	7.8	-	-	Made in Europe
PG 500 SRA	6701051	3.9	4.2	-	-	230	Y	3	11.7	-	-	Made in Europe
PG 800 SRA	6701081	5.5	6.0	-	-	230	Y	3	16.5	-	-	Made in Europe
PG 800 TRA	6701083	3.2	3.7	5.6	7.0	230/400	Y	3	9.45	16.8	-	Made in Europe
PG 500 X-SEA	6702051	4.0	4.8	-	-	230	Y	3	12	-	With insulation monitoring	Made in Europe
PG 500 X-TEA	6702053	3.2	3.5	4.3	5.4	230/400	Y	3	9.6	12.9	With insulation monitoring	Made in Europe
PG 800 X-TEA	6702083	3.3	3.7	5.6	7.0	230/400	Y	3	9.9	16.8	With insulation monitoring	Made in Europe
PG 800 TEA HC	6702085	3.3	3.7	5.6	6.6	230/400	Y	3	9.9	16.8	Suitable for domestic feed-in	Made in Europe
PG 1200 TEA HC	6702125	4.5	5.0	9.5	11.8	230/400	Y	3	13.5	28.5	Suitable for domestic feed-in	Made in Europe
PG 800 X-TEA-54	6703083	3.6	4.0	5.4	6.8	230/400	Y	4	14.4	21.6	With insulation monitoring	Made in Europe
PG-E 55 SEA 4in1	6706955	5	5	-	-	230	Y	3	15	-	-	Top price/performance
Diesel synchronous generator												
PG-D 600 X-TEA	6704063	2.7	3.0	4.5	5.6	230/400	Y	3	8.1	13.5	With insulation monitoring	Made in Europe
PG-D 60 TEA-S HC	6731060	4.3	5.4	5.0	6.3	230/400	Y	3	12.9	15	Suitable for domestic feed-in	Top price/performance
PG-D 80 TEA-S HC	6731080	6.0	7.5	7.0	8.8	230/400	Y	3	18	21	Suitable for domestic feed-in	Top price/performance
PG-D 90 TEA-S HC	6731090	6.8	8.5	8.0	10.0	230/400	Y	3	20.4	24	Suitable for domestic feed-in	Top price/performance
PG-D 130 TEA-S HC	6731130	10.2	12.8	12.0	15.0	230/400	Y	3	30.6	36	Suitable for domestic feed-in	Top price/performance
PG-D 230 TEA-S HC	6740123	4.8	6.0	16	20	230/400	Y	3	14.4	48	Suitable for domestic feed-in	Top price/performance
PG-D 410 TEA-S HC	6740141	9.0	11.4	30	38	230/400	Y	3	27	90	Suitable for domestic feed-in	Top price/performance
PG-D 630 TEA-S HC	6740163	13.5	16.8	45	56	230/400	Y	3	40.5	135	Suitable for domestic feed-in	Top price/performance
PTO generators												
PTO 18 TA	6710015	7.2	7.2	14.4	18.0	230/400	Y	3	21.6	43.2	-	Made in Europe
PTO 27 TA	6710022	10.8	10.8	21.6	27.0	230/400	Y	3	32.4	64.8	-	Made in Europe
PTO 38 TA	6710031	15.2	15.2	30.4	38.0	230/400	Y	3	45.6	91.2	-	Made in Europe

Power generator

PG-I series - Portable and mobile inverter generators

- ▶ Inverter technology for constant power
- ▶ Reliable power generator for home and garden, camping, caravans, boats, computers and other sensitive electronic devices
- ▶ In Eco mode, the power generator regulates the speed depending on the power consumption: this reduces fuel consumption and noise emissions
- ▶ Choke for trouble-free cold start
- ▶ Indicator lights for output voltage, overload and low oil
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown with warning light

PG-I 35 SE

- ▶ Equipped with manual start and electric start

PG-I 12 SR



- 1) Indicator lights
- 2) Schuko socket 230V
- 3) ECO mode On/Off
- 4) Motor on/off
- 5) Circuit breaker
- 6) DC 12V socket outlet with 4A circuit breaker
- 7) Earthing

PG-I 20 SR



- 1) Indicator lights
- 2) 2 x 230V Schuko socket
- 3) ECO mode On/Off
- 4) Motor on/off
- 5) Circuit breaker
- 6) DC 12V socket with 5A circuit breaker
- 7) Earthing

PG-I 35 SE



Chassis with four wheels



- 1) Indicator lights
- 2) 2 x 230V Schuko socket
- 3) ECO mode On/Off
- 4) Engine on/off and e-start
- 5) Circuit breaker
- 6) DC 12V socket with 5A circuit breaker
- 7) Earthing

Model		PG-I 12 SR	PG-I 20 SR	PG-I 35 SE
Art. no.		6706112	6706120	6706135
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	1.1	1.8	3.1
Time-limited output power (active power)	kW	1.1	1.8	3.1
Continuous output power (apparent power)	kVA	1	1.7	2.8
Continuous output power (active power)	kW	1	1.7	2.8
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start	Manual start	Manual and electric start
Running time at 50% load / 100% load	h	6.6 / 4.4	5.7 / 3.8	6.1 / 4.1
Tank capacity	l	3	4.1	7.5
Sound pressure L _p / Sound power L _w	dB(A)	70 / 93	70 / 93	73 / 96
Generator protection class		IP23M	IP23M	IP23M
Sockets protection class		IP54	IP54	IP54
Dimensions (L x W x H) approx.	mm	448 x 236 x 392	525 x 282 x 457	614 x 341 x 506
Weight approx.	kg	12.1	18.5	37.5

PG-I series - Portable and mobile inverter generators

- ▶ Supplies current with a pure sine wave for safe use of devices with sensitive electronics, such as PCs
- ▶ Modern inverter technology with constant power output
- ▶ Low-noise, economical operation and power-dependent, infinitely variable speed control
- ▶ Choke for trouble-free cold start
- ▶ Closed design for better noise insulation and protection against coarse dirt and impacts

PG-I 45 SE-S HC

- ▶ Manual start & electric start
- ▶ Suitable for domestic supply with manual and automatic mains isolator switch

PG-I 21 SR-S



- 1) Schuko socket 230V
- 2) DC 12V socket; 8.3A
- 3) Circuit breaker
- 4) ECO mode On/Off
- 5) Indicator lights
- 6) Digital display for output voltage, frequency and operating time

PG-I 33 SR-S

New



- 1) ECO mode
- 2) Digital display
- 3) Indicator lights
- 4) DC reset
- 5) 12V DC 8.3A socket outlet
- 6) 230V AC 16A socket outlet
- 7) 230V AC 16A socket outlet
- 8) AC reset

PG-I 45 SE-S HC

New



- 1) AC reset
- 2) Indicator lights
- 3) Digital display
- 4) ECO mode
- 5) DC reset
- 6) Interface for automatic circuit breaker
- 7) 12V DC 8.3A socket outlet
- 8) 230V AC 16A socket outlet
- 9) 230V AC 16A socket outlet

Model		PG-I 21 SR-S	PG-I 33 SR-S	PG-I 45 SE-S HC
Art. no.		6707121	6707133	6707145
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	2	3.3	4.5
Time-limited output power (active power)	kW	2	3.3	4.5
Continuous output power (apparent power)	kVA	1.8	3	4
Continuous output power (active power)	kW	1.8	3	4
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start	Manual start	Manual start / E-start
Running time at 50% / 100% load	h	8 / 4	5.4 / 3.3	7.5 / 4.5
Tank capacity	l	4	6	12
Sound pressure level Lp	dB(A)	67	76	77
Sound power level Lw	dB(A)	90	96	97
Generator / sockets protection class		IP23M / IP44	IP23M / IP44	IP23M / IP44
Dimensions (L x W x H) approx.	mm	490 x 300 x 490	490 x 300 x 490	595 x 440 x 515
Weight approx.	kg	19.3	21	40

Power generator

PG-I series - Portable and mobile inverter generators

- ▶ Supplies current with a pure sine wave for safe use of devices with sensitive electronics, such as PCs
- ▶ Modern inverter technology with constant power output
- ▶ Low-noise, economical operation and power-dependent, infinitely variable speed control
- ▶ Choke for trouble-free cold start

PG-I 85 SE-S HC

- ▶ Suitable for domestic supply with manual and automatic mains isolator switch
- ▶ Electric start for convenient starting at the touch of a button
- ▶ Noise-insulated

PG-I 35 SR

- ▶ Manual start

PG-I 55 SE-S HC



- 1) Schuko socket 230V
- 2) DC 12V socket; 8.3A
- 3) Circuit breaker
- 4) ECO mode On/Off
- 5) Indicator lights
- 6) Digital display for output voltage, frequency and operating time
- 7) Interface for automatic circuit breaker
- 8) Switch for circuit interruption
- 9) Earthing
- 10) 230V 32A CEE

PG-I 85 SE-S HC

New



- 1) Start / Stop
- 2) Power Supply
- 3) AC reset
- 4) Indicator lights
- 5) Digital display
- 6) ECO mode
- 7) Rotary switch for engine / e-start
- 8) Interface for automatic circuit breaker
- 9) 12V DC 8.3A socket outlet and reset
- 10) 2 x 230V AC 16A socket outlet and reset
- 11) 230V AC 32A socket outlet and reset

PG-I 35 SR



- 1) 2 x 230V Schuko socket
- 2) DC 12V socket; 8.3A
- 3) Circuit breaker
- 4) Indicator lights
- 5) On/off switch for motor
- 6) Digital display for output voltage, frequency and operating time
- 7) Earthing

Model		PG-I 55 SE-S HC	PG-I 85 SE-S HC	PG-I 35 SR
Art. no.		6707155	6707186	6707235
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	5.5	8.5	3.5
Time-limited output power (active power)	kW	5.5	8.5	3.5
Continuous output power (apparent power)	kVA	5	8	3.2
Continuous output power (active power)	kW	5	8	3.2
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start / E-start	Manual start / E-start	Manual start
Running time at 50% / 100% load	h	8 / 4	10.5 / 6	6 / 3
Tank capacity	l	11	30	7
Sound pressure level Lp	dB(A)	77	77	77
Sound power level Lw	dB(A)	97	97	97
Generator / sockets protection class		IP23M / IP44	IP23M / IP44	IP23M / IP44
Dimensions (L x W x H) approx.	mm	590 x 405 x 545	765 x 625 x 700	432 x 345 x 460
Weight approx.	kg	39.5	85	25

PG-I 41 SE / PG-I 65 SE

- ▶ With trolley and transport handle
- ▶ Manual and electric start

PG-I 85 SE HC

- ▶ With trolley and transport handle
- ▶ Suitable for domestic supply with manual and automatic mains isolator switch
- ▶ Manual and electric start

PG-I 41 SE

New



- 1) Rotary switch for engine / e-start
- 2) Indicator lights
- 3) AC reset
- 4) ECO mode
- 5) Digital display
- 6) DC reset
- 7) 12V DC 8.3A socket outlet
- 8) 230V AC 16A socket outlet
- 9) 230V AC 16A socket outlet

PG-I 65 SE

New



- 1) ECO mode
- 2) AC reset
- 3) Indicator lights
- 4) DC reset
- 5) AC reset
- 6) Motor / Electric start
- 7) Digital display
- 8) 12V DC 8.3A socket outlet
- 9) 230V AC 16A socket outlet
- 10) 230V AC 32A socket outlet

PG-I 85 SE HC

New



- 1) Indicator lights
- 2) ECO mode
- 3) Digital display
- 4) AC reset
- 5) DC reset
- 6) Rotary switch for engine / e-start
- 7) Interface for automatic circuit breaker
- 8) 12V DC 8.3A socket outlet
- 9) 230V AC 16A socket outlet
- 10) 230V AC 16A socket outlet
- 11) 230V AC 32A socket outlet

Model		PG-I 41 SE	PG-I 65 SE	PG-I 85 SE HC
Art. no.		6707242	6707265	6707285
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	4	6.5	8.5
Time-limited output power (active power)	kW	4	6.5	8.5
Continuous output power (apparent power)	kVA	3.6	6	8
Continuous output power (active power)	kW	3.6	6	8
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start / E-start	Manual start / E-start	Manual start / E-start
Running time at 50% / 100% load	h	10 / 5	8.8 / 4.9	9.8 / 5.2
Tank capacity	l	12.5	17	25
Sound pressure level Lp	dB(A)	77	77	77
Sound power level Lw	dB(A)	97	97	97
Generator / sockets protection class		IP23M / IP44	IP23M / IP44	IP23M / IP44
Dimensions (L x W x H) approx.	mm	533 x 416 x 423	673 x 600 x 551	693 x 646 x 613
Weight approx.	kg	37	42	65

Accessories	Art. no.
Automatic Disconnecter incl. connection cable 4m	6707199



Power generator

Inverter generator PG-I 40 S - low-noise, for demanding private users and semi-professionals

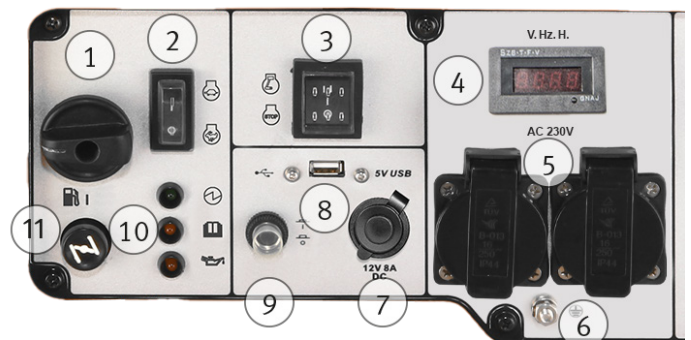
- ▶ Reliable power generator for home and garden, camping, caravans, boats, computers and other sensitive electronic devices
- ▶ Inverter technology for constant power output
- ▶ Indicator lights for output voltage, overload and low oil
- ▶ Clearly arranged connections and controls
- ▶ Power-dependent, infinitely variable speed control ensures low noise level
- ▶ Choke for trouble-free cold start
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown with warning light

Mobile power generator with up to 13 hours running time

Two 230 V alternating current Schuko sockets



Model	PG-I 40 S	
Art. no.	6706400	
Technical data		
Voltage	V	230 (± 3%)
Time-limited output power (apparent power)	kVA	4.07
Time-limited output power (active power)	kW	3.7
Continuous output power (apparent power)	kVA	3.85
Continuous output power (active power)	kW	3.5
Fuel	Petrol	
Starter motor	Manual start / E-start	
Running time at 50% load	h	13
Running time at 100% load	h	5
Tank capacity	l	12
Sound pressure level Lp	dB(A)	70
Sound power level Lw	dB(A)	90
Socket design	2 x 230 V SCHUKO	
Generator protection class	IP 23M	
Sockets protection class	IP 44	
Dimensions (L x W x H) approx.	mm	690 x 460 x 495
Weight approx.	kg	57



- 1) Petrol tap
- 2) Energy-saving switch
- 3) ON/OFF switch for the motor
- 4) Display
- 5) 2 x 230 V Schuko connection
- 6) Earthing connection
- 7) 12 V DC outlet
- 8) 5V USB charging connection
- 9) Circuit breaker 8A AC
- 10) Oil indicator light / Overload indicator / AC indicator light
- 11) Choke

Inverter power generator Series PG-I SE - quiet, for demanding private users and semi-professionals

- ▶ Reliable power generator for home and garden, camping, boats, also suitable for operating computers and other sensitive electronic devices
- ▶ Inverter technology for constant power output
- ▶ Power-dependent, infinitely variable speed control via automatic clutch ensures low noise level
- ▶ Thermal circuit breaker for overload protection
- ▶ Indicator lights for output voltage, overload and low oil
- ▶ Low fuel consumption in eco mode
- ▶ Choke for trouble-free cold start
- ▶ Electric start for convenient starting at the touch of a button

PG-I 42 SE



Quiet operation

Inverter technology for constant power output

PG-I 80 SE



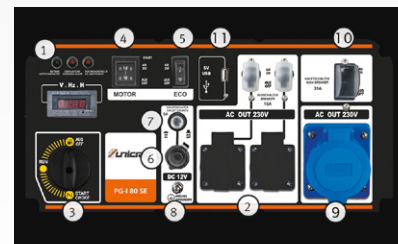
Quiet operation

Inverter technology for constant power output

Chassis with large wheels for easy manoeuvring



- 1) Manual start
- 2) Engine on/off and e-start
- 3) Eco mode On/Off
- 4) Indicator lights
- 5) 230 V earthed socket outlet with circuit breaker
- 6) 230 V earthed socket outlet with circuit breaker
- 7) DC 12 V socket outlet with circuit breaker
- 8) CEE socket 230 V



- 1) Rotary switch for choke
- 2) Indicator lights
- 3) Engine on/off and e-start
- 4) Eco mode On/Off
- 5) 5V USB slot
- 6) DC 12 V socket outlet with circuit breaker
- 7) 2 x 230 V Schuko socket outlet with circuit breaker
- 8) CEE socket 230 V
- 9) Main switch
- 10) Main switch
- 11) Main switch

Technical data		PG-I 42 SE
Art. no.		6706420
Technical data		
Voltage	V	230 (±4%)
Time-limited output power (apparent power)	kVA	4.51
Time-limited output power (active power)	kW	4.1
Continuous output power (apparent power)	kVA	3.85
Continuous output power (active power)	kW	3.5
Fuel		Petrol
Starter motor		Manual start / E-start
Running time at 50% load	h	9
Running time at 100% load	h	5
Tank capacity	l	15
Sound pressure level L _p	dB(A)	76
Sound power level L _w	dB(A)	96
Socket design		2 x 230 V SCHUKO, 1 x 12 V DC
Sockets protection class		IP 44
Generator protection class		IP 23M
Dimensions (L x W x H) approx.	mm	557 x 464 x 478
Weight approx.	kg	42

Technical data		PG-I 80 SE
Art. no.		6706800
Technical data		
Voltage	V	230 (±4%)
Time-limited output power (apparent power)	kVA	8.25
Time-limited output power (active power)	kW	7.5
Continuous output power (apparent power)	kVA	7.7
Continuous output power (active power)	kW	7.0
Fuel		Petrol
Starter motor		Manual start / E-start
Running time at 50% load	h	26
Running time at 100% load	h	10.5
Tank capacity	l	25
Sound pressure level L _p	dB(A)	74
Sound power level L _w	dB(A)	94
Socket design		2 x 230 V SCHUKO, 1 x 230 V CEE, 1 x 12 V DC
Sockets protection class		IP 44
Generator protection class		IP 23M
Dimensions (L x W x H) approx.	mm	730 x 610 x 730
Weight approx.	kg	105

Power generator

Synchronous generator series PG-E - for the discerning private user and the semi-professional

- ▶ All generators with copper windings
- ▶ Short-term power up to 3 times the rated power
- ▶ Automatic voltage regulation AVR
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown with warning light
- ▶ 3 in 1 display for voltage, frequency and operating hours
- ▶ Long running time due to large tank
- ▶ Tank with fill level indicator
- ▶ Equipped with wheel set and sturdy folding handle

PG-E 60 SRA

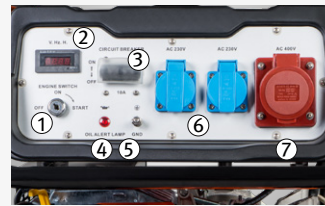


- 1) Motor ON/OFF switch
- 2) Display voltage, frequency, operating hours
- 3) Fuse switch
- 4) Oil indicator light
- 5) Earthing connection
- 6) 230 V consumer connection
- 7) 400 V consumer connection

Large tank 25l

E-start
Hand start

PG-E 80 TEA H



- 1) Motor ON/OFF switch
- 2) Display voltage, frequency, operating hours
- 3) Fuse switch
- 4) Oil indicator light
- 5) Earthing connection
- 6) 230 V consumer connection
- 7) 400 V consumer connection

Large tank 25l

E-start
Hand start

Model		PG-E 60 SEA
Art. no.		6706060
Technical data		
Voltage	V	230
Time-limited output power (apparent power)	kVA	6.05
Time-limited output power (active power)	kW	5.5
Continuous output power (apparent power)	kVA	5.5
Continuous output power (active power)	kW	5.0
Fuel		Petrol
Starter motor		E-start/manual start
Running time at 50% load	h	16
Running time at 100% load	h	8.2
Tank capacity	l	25
Sound pressure level Lp	dB(A)	76
Sound power level Lw	dB(A)	97
Socket design		2x 230 V Schuko, 1x 230 V CEE 32A
Generator protection class	IP	23
Sockets protection class	IP	44
Dimensions (L x W x H) approx.	mm	700 x 526 x 580
Weight approx.	kg	91



All models with practical wheel set and sturdy folding handle for easy transport

Synchronous generator series PG-E - for the discerning private user and the semi-professional

- ▶ All generators with copper windings
- ▶ Short-term power up to 3 times the rated power
- ▶ Automatic voltage regulation AVR
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown with warning light
- ▶ 3 in 1 display for voltage, frequency and operating hours
- ▶ Long running time due to large tank
- ▶ Tank with fill level indicator
- ▶ Equipped with wheel set and sturdy folding handle

PG-E 90 SRA



- 1) Motor ON/OFF switch
- 2) Display voltage, frequency, operating hours
- 3) Fuse switch
- 4) Oil indicator light
- 5) Earthing connection
- 6) 230 V consumer connection
- 7) 400 V consumer connection

Large tank 25l

E-start
Hand start

PG-E 100 TEA H



- 1) Motor ON/OFF switch
- 2) Display voltage, frequency, operating hours
- 3) Fuse switch
- 4) Oil indicator light
- 5) Earthing connection
- 6) 230 V consumer connection
- 7) 400 V consumer connection
- 8) Choke
- 9) Operating lamp

Large tank 45l

Electric start

Model		PG-E 80 TEA H	PG-E 90 SEA	PG-E 100 TEA H
Art. no.		6706080	6706090	6706100
Technical data				
Voltage	V	230 / 400	230	230 / 400
Time-limited output power (apparent power)	kVA	2.75 / 8.4	8.8	4.05 / 13.2
Time-limited output power (active power)	kW	2.5 / 7.0	8	3.68 / 11
Continuous output power (apparent power)	kVA	2.53 / 7.8	8.25	3.79 / 12
Continuous output power (active power)	kW	2.3 / 6.5	7.5	3.45 / 10
Fuel		Petrol	Petrol	Petrol
Starter motor		E-start/manual start	E-start/manual start	E-start
Unbalanced load in %		25	-	25
Running time at 50% load	h	13	12	10
Running time at 100% load	h	8.5	8	8
Tank capacity	l	25	25	45
Sound pressure level Lp	dB(A)	76	75	79
Sound power level Lw	dB(A)	97	97	99
Socket design		2x 230 V Schuko, 1x 400 V CEE 16A	2x 230 V Schuko, 1x 230 V 32 A	2x 230 V Schuko, 1x 400 V CEE 16A
Generator protection class	IP	IP 23	IP 23M	IP 23
Sockets protection class	IP	IP 44	IP 44	IP 44
Dimensions (L x W x H) approx.	mm	700 x 526 x 580	700 x 526 x 580	730 x 600 x 910
Weight approx.	kg	94 kg	9	170



All models with practical wheel set and sturdy folding handle for easy transport

Power generator

Synchronous power generator PG series – Powerful and robust. Easy to handle, can be used quickly at any time. Particularly suitable for hard-to-start machines and power tools

- ▶ Long running times thanks to 11-litre large tank
- ▶ Electronic voltage regulation AVR
- ▶ Splash and impact protection through panelling plates
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown
- ▶ Short-term power up to 3 times the rated power



HONDA
inside.

Large tank 11l



PG 400 SRA

Large tank 11l



PG 800 SRA

Large tank 11l



PG 500 SRA

Model		PG 400 SRA	PG 500 SRA	PG 800 SRA
Art. no.		6701041	6701051	6701081
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	3.4	5.1	7.2
Time-limited output power (active power)	kW	3.1	4.6	6.4
Continuous output power (apparent power)	kVA	2.9	4.2	6.0
Continuous output power (active power)	kW	2.6	3.9	5.5
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start	Manual start	Manual start
Consumption at 75% load	l/hour	1.1	1.6	2.2
Tank capacity	l	11	11	11
Sound pressure level Lp	dB(A)	69	71	72
Sound power level Lw	dB(A)	95	97	97
Socket design		2 x 230 V SCHUKO	1 x 230 V SCHUKO 1 x 230 V 16A	1 x 230 V CEE 32A 1 x 230 V SCHUKO
Generator protection class	IP	23	23	23
Sockets protection class	IP	54	44	44
Dimensions (L x W x H) approx.	mm	623 x 409 x 500	729 x 500 x 536	729 x 500 x 536
Weight approx.	kg	43	61	73

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Professional synchronous power generator PG series - suitable for demanding users and continuous commercial use. Particularly suitable for hard-to-start machines and power tools

- ▶ Long running times thanks to 11-litre large tank
- ▶ Electronic voltage regulation AVR
- ▶ Splash and impact protection through panelling plates
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown
- ▶ Short-term power up to 3 times the rated power
- ▶ Universally applicable for 230 V and 400 V consumers



HONDA
inside.

Large tank 11l



PG 800 TRA

Model		PG 800 TRA
Art. no.		6701083
Technical data		
Voltage	V	230/400
Time-limited output power (apparent power)	kVA	4.9/5.5
Time-limited output power (active power)	kW	3.7/4.1
Continuous output power (apparent power)	kVA	6.6/8.3
Continuous output power (active power)	kW	5.6/7.0
Fuel		Petrol
Starter motor		Manual start
Unbalanced load	%	30
Consumption at 75% load	l/hour	2.2
Tank capacity	l	11
Sound pressure level Lp	dB(A)	72
Sound power level Lw	dB(A)	97
Socket design		230 V, Schuko 400 V, 16 A
Generator protection class	IP	23
Sockets protection class	IP	44
Dimensions (L x W x H) approx.	mm	729 x 500 x 536
Weight approx.	kg	81

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Power generator

Professional synchronous power generator PG series - suitable for demanding users and continuous commercial use. Particularly suitable for hard-to-start machines and power tools

- ▶ Long running times thanks to large 18-litre tank
- ▶ Electronic voltage regulation AVR
- ▶ Splash and impact protection through panelling plates
- ▶ Magnetic thermal circuit breaker protects against overload and short circuits caused by defective loads or cables
- ▶ Safe personal protection thanks to insulation monitoring (device does not need to be earthed)
- ▶ Low oil shutdown
- ▶ High level of convenience thanks to E-Start



HONDA
inside.



Large tank 18l

E-start/manual start



PG 500 X-SEA

Large tank 18l

E-start/manual start



PG 800 X-SEA

Model		PG 500 X-SEA	PG 800 X-SEA
Art. no.		6702051	6702081
Technical data			
Voltage	V	230	230
Time-limited output power (apparent power)	kVA	4.8/5.3	6.4/ 7.2
Time-limited output power (active power)	kW	4.0/4.1	5.5/6.0
Fuel		Petrol	Petrol
Starter motor		E-start/manual start	E-start/manual start
Consumption at 75% load	l/hour	1.6	2.2
Tank capacity	l	18	18
Sound pressure level Lp	dB(A)	71	72
Sound power level Lw	dB(A)	97	97
Socket design		230 V, Schuko	230 V, Schuko
		230 V, 32 A	230 V, 32 A
Generator protection class	IP	23	23
Sockets protection class	IP	44	44
Dimensions (L x W x H) approx.	mm	842 x 523 x 557	842 x 523 x 557
Weight approx.	kg	76	96

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles



HONDA
inside.

Large tank 18l
E-start/manual start



PG 500 X-TEA

Large tank 18l
E-start/manual start



PG 800 X-TEA

Large tank 24l
Electric start



PG 1200 X-TEA

Model		PG 500 X-TEA	PG 800 X-TEA	PG 1200 X-TEA
Art. no.		6702053	6702083	6702123 **
Technical data				
Voltage	V	230/400	230/400	230/400
Time-limited output power (apparent power)	kVA	3.8 / 6.3	4.0 / 8.3	5.6 / 13.9
Time-limited output power (active power)	kW	3.4 / 5.0	3.6 / 6.6	5.0 / 11.1
Continuous output power (apparent power)	kVA	3.5 / 5.4	3.7 / 7.0	5.0 / 11.8
Continuous output power (active power)	kW	3.2 / 4.3	3.3 / 5.6	4.5 / 9.5
Fuel		Petrol	Petrol	Petrol
Starter motor		E-start/manual start	E-start/manual start	E-start
Unbalanced load	%	30	30	30
Consumption at 75% load	l/hour	1.6	2.1	3.9
Tank capacity	l	18	18	24
Sound pressure level Lp	dB(A)	71	72	70
Sound power level Lw	dB(A)	97	97	96
Socket design		230 V, Schuko 400 V, 16 A	230 V, Schuko 400 V, 16 A	230 V, Schuko 230 V 16 A, 400 V 16 A
Generator protection class	IP	23	23	23
Sockets protection class	IP	44	44	44
Dimensions (L x W x H) approx.	mm	842 x 523 x 557	842 x 523 x 557	960 x 641 x 667
Weight approx.	kg	88	99	165

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Power generator

Professional synchronous power generator PG series – suitable for demanding users and continuous commercial use. Particularly suitable for hard-to-start machines and power tools

PG 800 X-TEA-54 and PG 1200 X-TEA-54

- ▶ Protection class IP 54
- ▶ Splash and impact protection through panelling plates
- ▶ Long running times thanks to 18-litre large tank (PG 1200 X-TEA-54 24l)
- ▶ High level of convenience thanks to E-Start
- ▶ Electronic voltage regulation AVR

- ▶ Magnetic thermal circuit breaker protects against overload and short circuits caused by defective loads or cables
- ▶ Short-term power up to 4 times the rated power
- ▶ 200% suitable for inclined loads
- ▶ Safe personal protection through insulation monitoring (device does not need to be earthed)
- ▶ Low oil shutdown



HONDA
inside.

Protection class generator IP 54

Large tank 18l

E-start/manual start

Protection class generator IP 54

Large tank 24l

Electric start



PG 800 X-TEA-54



PG 1200 X-TEA-54

Model	PG 800 X-TEA-54	PG 1200 X-TEA-54
Art. no.	6703083	6703123 **
Technical data		
Voltage	230 V / 400 V	230 V / 400 V
Time-limited output power (apparent power)	4.8 / 8.8 kVA	7.5 / 13.8 kVA
Time-limited output power (active power)	4.3 / 7.1 kW	6.8 / 11.1 kW
Continuous output power (apparent power)	4.0 / 6.8 kVA	6.8 / 11.8 kVA
Continuous output power (active power)	3.6 kW / 5.4 kVA	6.1 / 9.4 kW
Fuel	Petrol	Petrol
Starter motor	E-start/manual start	E-start
Unbalanced load	200%	200%
Consumption at 75% load	1.9 l/h	3.9 l/h
Tank capacity	18 l	24 l
Sound pressure level Lp	72 dB(A)	70 dB(A)
Sound power level Lw	97 dB(A)	96 dB(A)
Generator protection class	IP 54	IP 54
Sockets protection class	IP 54	IP 54
Socket design	230 V 16 A 400 V 16A	3 x 230 V Schuko 400 V 16A 400 V 32A
Dimensions (L x W x H) approx.	842 x 523 x 557 mm	960 x 641 x 667 mm
Weight approx.	113 kg	170 kg

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

(1) Short-term maximum power

Professional synchronous generator series PG - for the highest demands with diesel engine

PG-D 600 X-TEA, and PG-D 1100 X-TEA

- ▶ Soundproofed diesel engine (complies with noise and exhaust emission regulations)
- ▶ Splash and impact protection due to full panelling
- ▶ Electronic voltage regulation AVR

- ▶ Magnetic thermal circuit breaker protects against overload and short circuits caused by defective loads or cables
- ▶ Safe personal protection through insulation monitoring (device does not need to be earthed)
- ▶ Low oil shutdown
- ▶ Long running times thanks to 24-litre large tank
- ▶ High level of convenience thanks to E-Start

- ▶ Model PG-D 1100 X-TEA with water-cooled motor



DIESEL engine

Low noise

Large tank 24l

Electric start



PG-D 600 X-TEA

DIESEL engine

Low noise

Large tank 24l

Electric start



PG-D 1100 X-TEA
with optional wheel set

Model	PG-D 600 X-TEA	PG-D 1100 X-TEA
Art. no.	6704063	6704123
Technical data		
Voltage	230 V/400 V	230 V/400 V
Time-limited output power (apparent power)	3.2 / 6.9 kVA	6.6 / 10.8 kVA
Time-limited output power (active power)	2.9 / 5.5 kW	5.9 / 8.6 kW
Continuous output power (apparent power)	3.0 / 5.6 kVA	6.0 / 10.0 kVA
Continuous output power (active power)	2.7 / 4.5 kW	5.4 / 8.0 kW
Fuel	Diesel	Diesel
Starter motor	E-start	E-start
Unbalanced load in %	30	30
Consumption at 75% load	1.4 l/h	3.0 l/h
Tank capacity	24 l	24 l
Sound pressure level Lp	67 dB(A)	70 dB(A)
Sound power level Lw	93 dB(A)	96 dB(A)
Generator protection class	IP 23	IP 23
Sockets protection class	IP 44	IP 44
Socket design	230 V Schuko 2 x 230 V 16 A 400 V 16A	230 V 16 A 230 V 32 A 400 V 16A
Dimensions (L x W x H) approx.	945 x 595 x 825 mm	1451 x 650 x 975 mm
Weight approx.	186 kg	325 kg

Chassis accessories	Art. no.
for PG-D 600 X-TEA	6709930
for PG-D 1100 X-TEA	6709931



Chassis
2 wheels
2 rigid handles

Power generator

Petrol synchronous generator series PG TEA HC - for domestic supply

- ▶ Suitable for domestic supply with manual mains isolator switch
- ▶ Also compatible with automatic mains disconnector thanks to "CONN interface"
- ▶ Electronic voltage regulation AVR
- ▶ Magnetic thermal circuit breaker protects against overload and short circuits caused by defective loads or cables
- ▶ Low oil shutdown
- ▶ Long running times thanks to large 18-litre tank
- ▶ Convenient starting at the touch of a button with E-Start
- ▶ Quality Made in Europe



HONDA
inside.

Protection class generator IP 54

Large tank 24l

Electric start

Protection class generator IP 23

Large tank 18l

E-start/manual start



PG 800 TEA HC



PG 1200 TEA HC

Model		PG 800 TEA HC	PG-1200 TEA HC
Article no.		6702085	6702125
Technical data			
Voltage	V	230 / 400	230 / 400
Time-limited output power (apparent power)	kVA	4.0 / 8.3	13.9 / 5.6
Time-limited output power (active power)	kW	3.6 / 6.6	5.0 / 11.1
Continuous output power (apparent power)	kVA	3.7 / 7.0	5.0 / 11.8
Continuous output power (active power)	kW	3.3 / 5.6	4.5 / 9.5
Power factor	Cos	0.8 / 0.9	0.8 / 0.9
Starter motor		Manual start / E-start	E-start
Unbalanced load	%	30	30
Tank capacity	l	18	24
Sound pressure level Lp	dB(A)	72	70
Sound power level Lw	dB(A)	97	96
Socket design		230 V, Schuko / 400 V, 16 A	230 V, Schuko / 2x 230 V, 16 A / 400 V, 16 A
Sockets protection class		IP 44	IP 44
Generator protection class		IP 23	IP 23
Dimensions (L x W x H) approx.	mm	842 x 523 x 557	960 x 641 x 667
Weight approx.	kg	99	165

(1) Short-term maximum power

Automatic circuit breaker	Art. no.
AMF	6709920

- Automatically recognises a voltage drop and controls the switchover from the mains supply to emergency power. The emergency generator is then started automatically
- When normal voltage is detected, the emergency power generator is automatically switched off and the connection to the supply network is restored

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Synchronous power generator PG series – Powerful and robust. Easy to handle, can be used quickly at any time. Particularly suitable for hard-to-start machines and power tools

- ▶ Maximum reliability and efficiency
- ▶ Capacitor-controlled generators
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown
- ▶ Short-term power up to 3 times the rated power



HONDA
inside.

		PG 400 SR
<i>Model</i>		PG 400 SR
Art. no.		6700041
<i>Technical data</i>		
Voltage	V	230
Time-limited output power (apparent power)	kVA	3.4
Time-limited output power (active power)	kW	3.1
Continuous output power (apparent power)	kVA	2.9
Continuous output power (active power)	kW	2.6
Fuel		Petrol
Starter motor		Manual start
Consumption at 75% load	l/hour	1.1
Tank capacity	l	3.1
Sound pressure level Lp	dB(A)	71
Sound power level Lw	dB(A)	96
Socket design		2 x 230 V SCHUKO
Generator protection class		IP 23
Sockets protection class		IP 54
Dimensions (L x W x H) approx.	mm	640 x 458 x 400
Weight approx.	kg	38

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Power generator

Synchronous power generator PG-D – Compact diesel power generators

- ▶ With thermal circuit breaker and manual start as standard
- ▶ Robust tubular steel frame
- ▶ Easy access for maintenance and inspection
- ▶ Simple operation
- ▶ Quality made in Europe

- PG-D 600 TE/ PG-D 650 SE**
- ▶ With insulation monitoring, thermal circuit breaker and oil monitoring as standard
 - ▶ Convenient e-start
 - ▶ Robust tubular steel frame with protective cover made of sheet steel
 - ▶ Simple operation
 - ▶ Digital display for voltmeter and operating hours counter

- ▶ Large 24 litre tank for long running times
- ▶ Do not comply with noise standard 2000/14/EC, not authorised for outdoor operation without noise protection measures

PG-D 450 SR



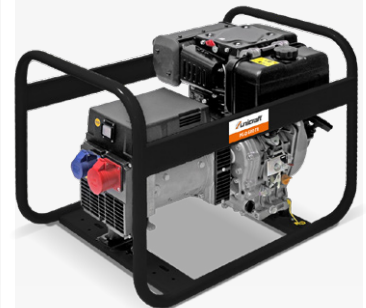
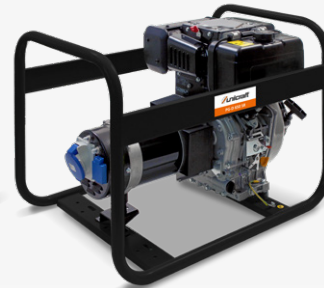
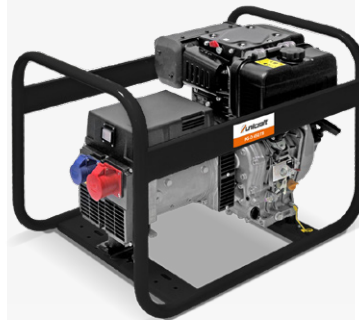
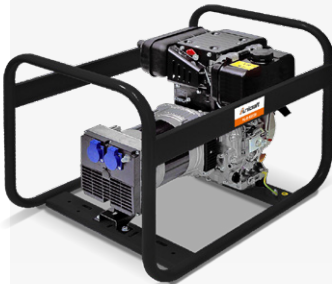
PG-D 450 TR



PG-D 650 SR



PG-D 600 TR



Model		PG-D 450 SR	PG-D 450TR	PG-D 650 SR	PG-D 600 TR
Article no.		6705041	6705043	6705061	6705063
Power generator					
Voltage	V	230	230 / 400	230	230 / 400
Time-limited output power (apparent power)	kVA	3.9	3.1 / 4.7	5.9	4.0 / 6.9
Time-limited output power (active power)	kW	3.5	2.8 / 3.7	5.3	3.6 / 5.5
Continuous output power (apparent power)	kVA	3.3	2.3 / 4	4.9	3.5 / 5.7
Continuous output power (active power)	kW	3.0	2.1 / 3.2	4.4	3.2 / 4.5
Drive		Yanmar L70N Recoil	Yanmar L70N Recoil	Yanmar L100N	Yanmar L100N
Unbalanced load	%	-	30	-	30
Socket design		1x 230 V, Schuko 16A 1x 2P+T CEE 230 V 16A	1x 230 V, Schuko 16A 1x 2P+T CEE 230 V 16A 1x 3P+N+T CEE 400V 16A	1x 230 V, Schuko 16A 1x 2P+T CEE 230 V 32A	1x 230 V, Schuko 16A 1x 2P+T CEE 230 V 16A 1x 3P+N+T CEE 400V 16A
Sockets protection class		IP44 / IP54	IP44 / IP54	IP44 / IP54	IP44 / IP54
Generator protection class		IP 23	IP 23	IP 23	IP 23
Dimensions (L x W x H) approx.	mm	760 x 540 x 560	760 x 540 x 560	760 x 540 x 560	760 x 540 x 560
Weight approx.	kg	54	70	94	96

PG-D 650 SE



PG-D 600 TE



Accessories	Art. no.
Chassis RS-PG 1	6709900
Chassis RS-PG 2	6709901
Adapter for exhaust hose connection inner Ø 38 mm	6709905
Flexible metal flue gas hose Ø 40/60 mm (per metre)	6709906
Maintenance kit:	
PG-D 450 SR	6709907
PG-D 450 TR	6709908
PG-D 650 SR	6709909
PG-D 600 TR	6709910
PG-D 650 SE	6709911
PG-D 600 TE	6709912

Model		PG-D 650 SE	PG-D 600 TE
Art. no.		6705071	6705073
Technical data			
Voltage	V	230	230 / 400
Time-limited output power (apparent power)	kVA	5.9	3.2 / 6.9
Time-limited output power (active power)	kW	5.3	2.9 / 5.5
Continuous output power (apparent power)	kVA	4.8	3.0 / 5.6
Continuous output power (active power)	kW	4.4	2.7 / 4.5
Drive		Yanmar L100 Electric	Yanmar L100 Electric
Unbalanced load	%	-	30
Socket design		1x SCHUKO 230 V 16A IP54, 1x 2P+T CEE 230 V 16A IP44, 1x 2P+T CEE 230 V 32A IP44	1x SCHUKO 230 V 16A IP54, 2x 2P+T CEE 230 V 16A IP44, 1x 3P+N+T CEE 400V 16A IP44
Sockets protection class		IP 44 / IP 54	IP 44 / IP 54
Generator protection class		IP 23	IP 23
Dimensions (L x W x H) approx.	mm	840 x 641 x 696	840 x 641 x 696
Weight approx.	kg	114	124



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Power generator

Synchronous generators - diesel generators for domestic supply

- ▶ Suitable for domestic supply with manual mains isolator switch
- ▶ Also equipped with connection for automatic mains disconnecter
- ▶ The Equal Power function enables a significantly higher output power in 230 V: With most generators, the output power in 230 V is approx. 30% of the output power in 400 V. The Equal Power function achieves an output

- power in 230 V of approx. 80%!
- ▶ Soundproofed diesel engine
- ▶ Equipped with digital display (voltage, frequency, operating hours) Splash and impact protection thanks to full panelling

- ▶ Electronic voltage regulation AVR
- ▶ Low oil indicator
- ▶ Convenient starting at the touch of a button with E-Start
- ▶ With preheater for a quick and easy start even in cold temperatures
- ▶ Sturdy chassis with two swivel rollers

PG-D 60 TEA-S HC



Socket design
1x 230 V 16A Schuko
1x 230 V 32A CEE
1x 400V 32A CEE
1x 12 V DC

PG-D 80 TEA-S HC



Socket design
1x 230 V 16A Schuko
1x 230 V 32A CEE
1x 400V 16A CEE
1x 12 V DC

Model		PG-D 60 TEA-S HC	PG-D 80 TEA-S HC
Article no.		6731060	6731080
Power generator			
Type		Synchronisation	Synchronisation
Nominal voltage	V	230 / 400	230 / 400
Time-limited output power (apparent power)	kVA	5.8 / 6.9	8.0 / 8.9
Time-limited output power (active power)	kW	4.7 / 5.5	6.4 / 7.5
Continuous output power (apparent power)	kVA	5.4 / 6.3	7.5 / 8.8
Continuous output power (active power)	kW	4.3 / 5.0	6.0 / 7.0
Generator speed	min ⁻¹	3000	3000
Generator protection class		IP 23	IP 23
Sockets protection class		IP 44	IP 44
Drive		188F	1100F
Power factor	Cos	0.8	0.8
Starter motor		E-start	E-start
Fuel		Diesel	Diesel
Tank capacity	l	15	15
Running time at 50% load	h	8.5	7.5
Oil tank capacity	litres	1.65	1.65
Sound pressure level Lp	dB(A)	67	67
Sound power level Lw	dB(A)	92	92
Dimensions (L x W x H) approx.	mm	950 x 550 x 830	950 x 550 x 830
Weight approx.	kg	145	151

Synchronous generators - diesel generators for domestic supply

- ▶ Suitable for domestic supply with manual mains isolator switch
- ▶ Also equipped with connection for automatic mains disconnector
- ▶ The Equal Power function enables a significantly higher output power in 230 V: With most generators, the output power in 230 V is approx. 30% of the output power in 400 V.

The Equal Power function achieves an output

- power in 230 V of approx. 80%!
- ▶ Soundproofed diesel engine
- ▶ Equipped with digital display (DC voltage, output power, AC voltage, frequency, current, operating hours) Splash and impact protection due to full panelling

- ▶ Electronic voltage regulation AVR
- ▶ Low oil indicator
- ▶ Long running times thanks to 25-litre large tank
- ▶ Convenient starting at the touch of a button with E-Start
- ▶ With preheater for a quick and easy start even in cold temperatures
- ▶ Sturdy chassis with two swivel rollers

PG-D 90 TEA-S HC



Socket design
 1x 230 V 16A Schuko
 1x 230 V 32A CEE
 1x 400V 32A CEE
 1x 12 V DC

PG-D 130 TEA-S HC



Socket design
 1x 230 V 16A Schuko
 1x 230 V 32A CEE
 1x 400V 32A CEE
 1x 12 V DC

Model		PG-D 90 TEA-S HC	PG-D 130 TEA-S HC
Article no.		6731090	6731130
Power generator			
Type		Synchronisation	Synchronisation
Nominal voltage	V	230 / 400	230 / 400
Time-limited output power (apparent power)	kVA	9.2/10.7	15.7 / 13.4
Time-limited output power (active power)	kW	7.3 / 8.5	10.7 / 12.5
Continuous output power (apparent power)	kVA	8.5 / 10.0	12.8 / 15.0
Continuous output power (active power)	kW	6.8/ 8.0	10.2/ 12.0
Generator speed	min ⁻¹	3000	3000
Generator protection class		IP 23	IP 23
Sockets protection class		IP 44	IP 44
Drive		1100F	2V92
Power factor	Cos	0.8	0.8
Starter motor		E-start	E-start
Fuel		Diesel	Diesel
Tank capacity	l	25	25
Running time at 50% load	h	12	7
Oil tank capacity	litres	2.5	3.8
Sound pressure level Lp	dB(A)	72	73
Sound power level Lw	dB(A)	97	97
Dimensions (L x W x H) approx.	mm	1120 x 760 x 840	1350 x 650 x 890
Weight approx.	kg	203	310

Power generator

PG-D TEA-S HC synchronous generator - Diesel generator for domestic supply

- ▶ Including 1h socket and changeover switch
- ▶ Including insulation monitoring for all outlets except 1h socket outlet
- ▶ Long running times thanks to large tank
- ▶ Suitable for domestic supply with manual mains isolator switch
- ▶ Also equipped with connection for automatic mains disconnect
- ▶ Soundproofed diesel engine (complies with noise and exhaust emission regulations)
- ▶ Electronic voltage regulation AVR
- ▶ Equipped with digital display (DC voltage, output power, AC voltage, frequency, current, operating hours) Splash and impact protection due to full panelling
- ▶ Low oil indicator
- ▶ Convenient starting at the touch of a button with E-Start
- ▶ With preheater for a quick and easy start even in cold temperatures

PG-D 230 TEA-S HC

- 1x 230V, 16 A, Schuko
- 1x 230V, 32 A, CEE
- 1x 400V, 16 A, CEE
- 1x 400V, 32 A, CEE
- 1x 400V, 32 A, 1h



PG-D 410 TEA-S HC

- 1x 230V, 16 A, Schuko
- 1x 230V, 32 A, CEE
- 1x 400V, 16 A, CEE
- 1x 400V, 32 A, CEE
- 1x 400V, 63 A, CEE
- 1x 400V, 63 A, 1h



PG-D 630 TEA-S HC

- 1x 230V, 16 A, Schuko
- 1x 230V, 32 A, CEE
- 1x 400V, 16 A, CEE
- 1x 400V, 32 A, CEE
- 1x 400V, 63 A, CEE
- 1x 400V, 63 A, 1h



PG-D 410 TEA-S HC

Model		PG-D 230 TEA-S HC	PG-D 410 TEA-S HC	PG-D 630 TEA-S HC
Article no.		6740123	6740141	6740163
Nominal voltage	V		230 / 400	
Time-limited output power (apparent power)	kVA	6.9 / 23	12.3 / 41	18.9 / 63
Time-limited output power (active power)	kW	5.4 / 18	9.9 / 33	15 / 50
Continuous output power (apparent power)	kVA	6.0 / 20	11.4 / 38	16.8 / 56
Continuous output power (active power)	kW	4.8 / 16	9.0 / 30	13.5 / 45
Generator speed	min ⁻¹		1500	
Generator protection class			IP 23	
Sockets protection class		IP 44		IP 44 / IP 67
Drive		4D20G00/5		4D20TIG1/5
Power factor	cos phi		0.8	
Emission standard			Euro 5	
Starter motor			E-start	
Fuel			Diesel	
Tank capacity	l	60		90
Running time at 50% load	h		10	
Running time at 100% load	h		8	
Sound pressure level Lp	dB(A)		75	
Sound power level Lw	dB(A)		97	
Mains frequency	Hz		50	
Dimensions (L x W x H) approx.	mm	2050 x 850 x 1150	2250 x 930 x 1150	2250 x 930 x 1200
Weight (net) approx.	kg	780	880	1050

PTO shaft generators series PTO TA - with electronic voltage regulation AVR

- ▶ Maintenance-free PTO drive for continuous use in agriculture or during power failures
- ▶ Easily accessible connections on the top
- ▶ Control panel with operating hours counter, voltmeter and frequency meter
- ▶ Robust design with protection class IP23
- ▶ Electronic voltage regulation AVR
- ▶ Thermal circuit breaker protects against overloads and short circuits caused by defective loads or cables
- ▶ Favourable alternative to diesel generators



Accessories	Art. no.
Cardan shaft without slipping clutch 860 mm	5990014

Model		PTO 18 TA	PTO 27 TA	PTO 38 TA
Art. no.		6710015	6710022	6710031
Technical data				
Type		Synchronisation	Synchronisation	Synchronisation
Voltage	V	230/400	230/400	230/400
Time-limited output power (apparent power)	kVA	7.9 / 19.8	11.9 / 29.7	16.7/41.8
Time-limited output power (active power)	kW	7.9 / 15.84	11.9 / 23.76	16.7 / 33.44
Continuous output power (apparent power)	kVA	7.2 / 18	10.8 / 27	15.2 / 38
Continuous output power (active power)	kW	7.2 / 14.4	10.8 / 21.6	15.2 / 30.4
Drive		PTO shaft	PTO shaft	PTO shaft
Unbalanced load	%	10	10	10
Power (tractor) recommended	kW (PS)	33 (45)	48 (65)	77 (105)
Power factor	Cos	1 / 0.8	1 / 0.8	1 / 0.8
Input speed	min ⁻¹	428	428	428
Three-point mounting Category		1	1	1
Socket design		2 x 230 V 16A 1 x 400V 32A	2 x 230 V 16A 1 x 400V 63A	2 x 230 V 16A 1 x 400V 63A
Generator protection class		IP23	IP23	IP23
Dimensions (L x W x H) approx.	mm	950 x 800 x 933	950 x 800 x 933	950 x 800 x 933
Weight approx.	kg	118	139	179

(1) Short-term maximum power

Power generator

New

Synchronous power generator PG-E 55 SEA 4 in 1 - Mobile power generator with welding machine, compressor and built-in light mast

- ▶ Multifunctional power generator for the construction site and outdoor use thanks to welding, compressor and light function
- ▶ Equipped with manual and electric start
- ▶ Choke for trouble-free cold start
- ▶ Integrated AVR control for a constant current voltage
- ▶ Extremely robust thanks to tubular lattice frame and solid rubber tyres
- ▶ Height-adjustable lighting column with four LED lamps for perfect 360° illumination
- ▶ Integrated compressor, perfect for compressed air applications on site
- ▶ Two one-hand quick-release couplings for operating pneumatic tools
- ▶ Flexibly adjustable welding current up to 200 A, ideal for various welding tasks with the stick electrode



› Lighting mast can be dismantled for transport



› Integrated compressor, perfect for compressed air applications on site
› Two one-hand quick-release couplings for operating pneumatic tools



1. Main switch
2. Compressor main switch
3. Display
4. Oil indicator lamp
5. Key switch
6. 1x 230V 32A
1x 230V 16A
7. Switching levels lamps
8. Main switch lamps
9. Earth cable/welding torch connection
10. Rotary knob for welding current

Model		PG-E 55 SEA 4 in 1
Article no.		6706955
Technical data		
Power generator		
Nominal voltage	V	230
Max. Voltage deviation (+/-)	%	5
Time-limited output power (apparent power)	kVA	5.5
Time-limited output power (active power)	kW	5.5
Continuous output power (apparent power)	kVA	5.0
Continuous output power (active power)	kW	5.0
Generator speed	min ⁻¹	3000
Generator protection class		IP 21 S
Socket design		1x 230 V 32 A
Sockets protection class		IP 44
Drive		
Power factor	cos phi	1
Starter motor		Manual start / E-start
Fuel		Petrol
Tank capacity	l	30
Running time at 50% load	h	18
Running time at 100% load	h	9
Consumption at 75% load	l/h	2.4
Oil tank capacity	litres	1.1

Sound pressure level Lp	dB(A)	97
Sound power level Lw	dB(A)	106.3
Welding machine		
Protection class		IP 21
EMC - class		A
Mains plug		DKJ35-50
No-load voltage	V	75
Weldable electrodes	mm	1.6 – 4.0
Setting range for electrode	A	50 – 200
Duty cycle at max. current 40°C	%	50
Electrode		
Current at duty cycle 100% 40°C	A	180
Electrode		
Compressor		
Motor speed	min ⁻¹	3000
Suction capacity	l/min	200
Filling capacity	l/min	100
Filling capacity at operating pressure	bar	6
Maximum pressure	bar	8
Container contents	l	20
Number of cylinders		2
Lamp		
Lamp height	m	4.5
Luminosity	W	4 x 100
Dimensions and weights		
Dimensions (L x W x H) approx.	mm	851x583x780
Weight approx.	kg	158

INDUCTION HEATERS



Functionality and benefits of the induction principle for the bodywork and commercial vehicle sector

How it works:

The induction heater and its accessories ensure that heat is only applied where it is actually needed, without contact. Since electromagnetic induction only occurs with conductive materials, non-conductive materials (such as glass, rubber, plastic, painted surfaces, etc.) are spared from heating and the resulting damage; an open flame is no longer necessary and the associated fire

hazard is virtually eliminated.

Area of application and benefits:

- ▶ For quick and easy removal of parts on vehicles by applying heat, e.g.: Glass panes, panelling, stickers, films or similar
- ▶ Targeted and precisely dosed heat application within seconds thanks to state-of-the-art microprocessor technology

- ▶ Complete protection of surrounding areas and prevention of damage to painted surfaces, glass, rubber, plastic, etc.

Induction heater IHG 1500 – Extremely versatile in the bodywork and commercial vehicle sector

- ▶ Easy to transport thanks to small design and low weight of 4.5 kg
- ▶ Extremely versatile in the bodywork and commercial vehicle sector thanks to extensive standard accessories
- ▶ Additional accessories available

Numerous application options

- ▶ Dents caused by minor hail without damaging the paintwork
- ▶ Removal of smaller panelling
- ▶ Stripping and removing sealants and levelling compounds
- ▶ Loosening of stuck and rusted parts such as screws, sleeves, seals, hinges, nuts and the like, nuts and the like
- ▶ Parts that are difficult to access can also be loosened after heating by using and attaching special winding wire (e.g. axle parts, ball joints, sensors, etc.)



› For loosening parts that are difficult to access using special winding wire



› For heating and loosening stuck and rusted parts



› For easy removal of smaller panelling



› For removing rust



4.5 KG ONLY

IHG 1500 - includes versatile accessories (bottom left image)

Scope of delivery:

- › Coil holder
- › Front coil M 8
- › Front coil M12
- › 1 pcs. winding cord
- › Flat spiral coil
- › Carrying strap
- › in plastic case



Model		IHG 1500
Art. no.		6400015

Technical data		
Protection	A	16
Protection class		IP 21 S
Cable length	mm	700
Input power	kW	1.5
Electrical connection	V/Hz	230 / ~50
Output frequency	kHz	25 – 45
Dimensions (L x W x H) approx.	mm	200 x 75 x 140
Weight approx.	kg	4.5
Weight with accessories approx.	kg	5

Control concept

- ▶ Targeted and precisely dosed heat application within seconds thanks to state-of-the-art microprocessor technology
- ▶ Heating the parts to over 800°C
- ▶ Quick and easy to use
- ▶ High efficiency
- ▶ Prevention of overheating thanks to two fans
- ▶ High operational reliability thanks to self-monitoring with visual status signal

Induction heater IHG 3700 – For heating and loosening stuck and rusted parts

Powerful and easy to use

- ▶ Control with up to ten parameters, e.g. setting the maximum temperature or duration of the heating process
- ▶ High repeatability by setting the desired parameters
- ▶ Inexpensive, safe and clean alternative to heating with a welding torch

Practical details

- ▶ Integrated water cooling, easy to fill thanks to water level indicator
- ▶ Simple software updates via USB connection
- ▶ Easy to transport thanks to compact design and low weight

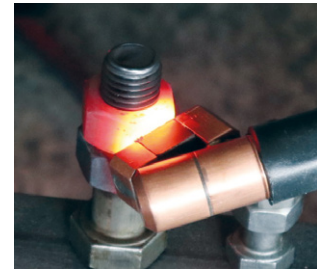
Numerous application options

- ▶ Interchangeable attachments for numerous applications
- ▶ Loosening smaller panelling parts, stuck and rusted parts such as bolts, nuts, screws, bearings, gear wheels or similar
- ▶ Localised heating of parts for soldering, pressing, bending or gluing
- ▶ Melting of materials with a low melting point

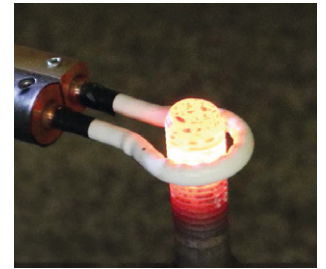
- ▶ Easy to transport
- ▶ Easy loosening of screws and nuts
- ▶ Heating parts for pressing, bending or gluing



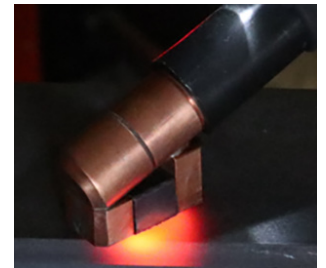
IHG 3700



› Heating a nut with the focus coil at an angle



› Heating a threaded bolt with the water-cooled coil



› Heating a component with the focus coil at an angle

Scope of delivery:

- › Handle for coil with 2 m cable
- › Lateral focus coil
- › Cooling circuit filling 2.5 litres

Model		IHG 3700
Art. no.		6400035

Technical data		
Output frequency	kHz	18 – 60
Protection class		IP 22
Coolant volume	l	2.5
Input power	kW	3.7
Electrical connection	V/Hz	230 / ~50
Dimensions (L x W x H) approx.	mm	440 x 240 x 200
Weight approx.	kg	13.5

Convince yourself of our performance
and ask for an individual consultation!

Contact: +49 (0) 951 96 555-506
beratung@unicraft.de

Induction heater accessories

IHG 1500



Model

Front coil (L = 220 mm) M6 (15)
Art. no. 6411015

Front coil (L = 220 mm) M8 (19)
Art. no. 6411019

Front coil (L = 220 mm) M8 (20)
Art. no. 6411020

Front coil (L = 220 mm) M10 (23)
Art. no. 6411023



Front coil (L = 220 mm) M10 (23)
Art. no. 6411026

Front coil (L = 220 mm) M16 (32)
Art. no. 6411032

Front coil (L = 220 mm) M20 (38)
Art. no. 6411038

Front coil (L = 220 mm) M22 (45)
Art. no. 6411045

Side coil (L = 220 mm) M6 (15)
Art. no. 6411115



Side coil (L = 220 mm) M8 (19)
Art. no. 6411119

Model

Side coil (L = 220 mm) M8 (20)
Art. no. 6411120

Side coil (L = 220 mm) M10 (23)
Art. no. 6411123

Side coil (L = 220 mm) M12 (26)
Art. no. 6411126



Side coil (L = 220 mm) M16 (32)
Art. no. 6411132

Side coil (L = 220 mm) M20 (38)
Art. no. 6411138

Side coil (L = 220 mm) M22 (45)
Art. no. 6411145

Focus coil (Ø = 20 mm)
Art. no. 6411004



**Winding cord (flexible heating coil)
(L = 800 mm)**
Art. no. 6411003



Flat spiral coil (PAD coil)
Art. no. 6411002



**Customised heating coil (L=750mm,
Ø=4mm)**
Art. no. 6411001

**Ceramic heating coil flexible L = 800
mm**
Art. no. 6411005



IHG 3700

Model



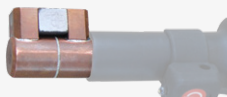
Handle extension
Art. 6412000
no.



Diagonal focussing coil
Art. 6412001
no.



Lateral focus coil
Art. 6412002
no.



Focussing coil straight
Art. 6412003
no.



Model

Adapter for water-cooled coils
Art. 6412004
no.



Coil water-cooled Ø 20 mm
Art. 6412005
no.



Coil water-cooled Ø 25 mm
Art. 6412006
no.



Coolant 3l canister
Art. 6412007
no.



Remote control/foot pedal
Art. 6412009
no.

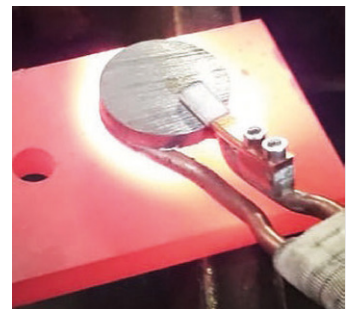


Induction heaters IHG 10000 / IHG 19000 – Powerful and mobile devices with trolley

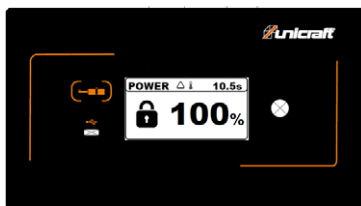
- ▶ Ideal for every workshop - for use in the automotive, railway and aviation industries, shipbuilding and industry in general, metalworking, maintenance, welding, repair workshops
- ▶ For heating before hardening, straightening, bending or forging pipes, round steel and profiles
- ▶ Localised heating of parts for soldering, pressing, bending and gluing
- ▶ Loosening smaller panelling parts and stuck and rusted parts such as bolts, nuts, screws, bearings, gears or similar
- ▶ Mobile device with chassis and integrated water cooling
- ▶ Inexpensive, safe and clean alternative to heating with a burner
- ▶ Power 12 kVA - high load factor
- ▶ Very quiet operation
- ▶ Flexible and simple operation
- ▶ Water-cooled induction coils
- ▶ Infinitely variable power control from 10 to 100 per cent
- ▶ Timer for high repeatability
- ▶ Clear display for showing and setting the parameters
- ▶ Operating modes constant power CP and constant magnetic field CF selectable



› Preheating before welding



› Hardening of surfaces



- 1) The parameter/screen name
- 2) Timer display
- 3) Timer value
- 4) Parameters
- 5) Button for activating the heating function/ for changing the inductor
- 6) USB port
- 7) Encoder



IHG 10000



IHG 13000

Scope of delivery IHG 10000:

- › Handle for coil with 4 m cable
- › Round focus coil, 32 mm
- › Cooling circuit filling 10 litres

Scope of delivery IHG 19000:

- › Rectangular focus coil

Model		IHG 10000	IHG 19000
Art. no.		6420100	6420150
Technical data			
Output frequency	kHz	18 – 45	18 – 35
Protection class		IP 21	IP 21
Coolant volume	l	10	15
Input power	kW	11	19
Electrical connection	V/ Hz	400 / ~50	400 / ~50
Dimensions (L x W x H) approx.	mm	400 x 760 x 700	850 x 540 x 960
Weight approx.	kg	58	96

Accessories IHG 10000

	Art. no.
Ring coil	
- Ø22 mm with one winding	6430050
- Ø28 mm with one winding	6430051
- Ø34 mm with one winding	6430052
- Ø40 mm with one winding	6430053
- Ø47 mm with one winding	6430054
- Ø57 mm with one winding	6430055
Ring coil Ø22 mm with two windings	6430070
Round focus coil, 32 mm	6430010
Round frontal focus coil, 32 mm	6430015
U-profile coil, 14 mm	6430080
Replacement ferrite core	6430085
Coolant 10 litre canister	6430101
Remote control/foot pedal	6412009

Accessories IHG 19000

	Art. no.
Rectangular focus coil	6430110
Round focus coil	6430111
Coolant 10 litre canister	6430101
Repair kit	6430102

HEATERS



IEHG infrared electric heaters - for wall and/or tripod mounting

- ▶ Instant heat - no preheating required, simply switch on and enjoy
- ▶ Targeted and even heat distribution - exactly where you need it
- ▶ Intense heat with minimal light emission in three heating levels
- ▶ Clean and odourless - no condensation, no unpleasant odours
- ▶ Heat without any noise
- ▶ Allergy-friendly - no swirling up of dust
- ▶ Suitable for indoors and outdoors thanks to IP65 protection rating, perfect for the patio or workshop

- IEHG 2 W**
- ▶ Practical wall mounting, adjustable angle
 - ▶ Convenient control via remote control

- IEHG 1.2-2 W**
- ▶ Practical wall mounting or on the stand available as an accessory

- IEHG 2.8-2 W**
- ▶ Convenient control via remote control
 - ▶ Practical wall mounting or on the stand available as an accessory



IEHG 1.2-2 W / IEHG 2.8-2 W
Practical mounting on the tripod available as an accessory with a height of 1.3 m height

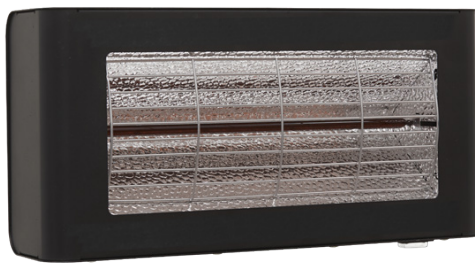


IEHG 2 W

- Scope of delivery IEHG 2 W:**
- > Remote control
 - > Wall mounting bracket

- Scope of delivery IEHG 1.2-2 W**
- > Tripod mounting bracket

- Scope of delivery IEHG 2.8-2 W**
- > Remote control
 - > Tripod mounting bracket



IEHG 1.2-2 W



IEHG 2.8-2 W

Model		IEHG 2 W	IEHG 1.2-2 W	IEHG 2.8-2 W
Article no.		6510030	6510032	6510033

Technical data				
Heatable room volume approx.	m ³	12	8	18
Heat output	kW	2	1.2	2.8
Heating levels		3	2	2
Protection class		IP65	IP20	IP20
Electrical power	W	800 / 1400 / 2000	600 / 1200	1400 / 2800
Electrical connection ~50 Hz	V	230	230	230
Dimensions (L x W x H) approx.	mm	635 x 150 x 95	412 x 95 x 210	412 x 95 x 430
Weight approx.	kg	1.9	2.8	5.0

Accessory	Art. no.
Telescopic stand for IEHG 1.2-2 W and IEHG 2.8-2 W	6510095
Spare tubes	Art. no.
for IEHG 2 W	6510090
for IEHG 3.2 M	6510091
for IEHG 1.2-2 W	6510092
for IEHG 2.8-2 W	6510093

IEHG 3.2 M / IEHG 3 - Mobile infrared electric heaters

- ▶ Secure footing & full mobility thanks to sturdy swivel rollers with parking brake
- ▶ Easy to manoeuvre - ergonomically positioned handle for effortless manoeuvring
- ▶ Large-area heat output thanks to two powerful heating elements
- ▶ Robust protective grille reliably protects the heating elements from damage
- ▶ Ideal for small workshop spaces - compact, space-saving and efficient
- ▶ Immediate heat development after switching on - no preheating time
- ▶ Environmentally friendly and emission-free operation
- ▶ Individually adjustable for needs-based heating
- ▶ Safe operation thanks to built-in overheating protection and tip-over protection with automatic switch-off for worry-free heating



IEHG 3.2 M



IEHG 3

Model		IEHG 3.2 M	IEHG 3
Art. no.		6510038	6510035
Technical data			
Heatable room volume approx.	m ³	20	60
Heat output	kW	2 x 1.5	3
Heating levels		2	4
Electrical connection	V	230	230
Dimensions (L x W x H) approx.	mm	556 x 490 x 870	725 x 300 x 800
Weight approx.	kg	16.5	13.8



▶ *Tip-over protection with automatic switch-off for carefree heating*

EHG 2 / EHG 3 - Electric heater

- ▶ Provides quick heat
- ▶ Ideal for rooms that need to be heated over a longer period of time
- ▶ Integrated overheating and tip-over protection
- ▶ Fan function
- ▶ Ceramic heating element offers various advantages over conventional heating coils:
 - Lower power consumption
 - Allergy-friendly, as pet hair and dust do not burn on the surface.
 - Longer service life



EHG 2

EHG 3

Model		EHG 2	EHG 3
Art. no.		6510001	6510004
Technical data			
Heat output	kW	2	3
Mains voltage	V	230	230
Blower capacity	m ³ /h	140	322
Heating levels		2	2
Boiler room	m ³	48	30
Dimensions (L x W x H) approx.	mm	210 x 130 x 260	234 x 130 x 284
Weight approx.	kg	1.4	1.5

EHG 2 P / EHG 3 P / EHG 5 P - Electric heater

- ▶ Provides quick heat
- ▶ Ideal for rooms that need to be heated over a longer period of time
- ▶ Integrated overheating protection
- ▶ Robust metal housing
- ▶ Fan function
- ▶ Ceramic heating element offers various advantages over conventional heating coils:
 - Lower power consumption
 - Allergy-friendly, as pet hair and dust do not burn on the surface
 - Longer service life



EHG 2P



EHG 3P



EHG 5P

Model		EHG 2 P	EHG 3 P	EHG 5 P
Art. no.		6510002	6510003	6510006
Technical data				
Heat output	kW	2	3	5
Mains voltage	V/A	230	230	400 / 16
Blower capacity	m ³ /h	158	280	588
Heating levels		2	2	2
Dimensions (L x W x H) approx.	mm	210 x 160 x 217	265 x 210 x 290	300 x 235 x 345
Weight approx.	kg	1.7	3	4.3



Heaters

EHG 5 / EHG 9 / EHG 15 - Electric heater

- ▶ Provides quick heat
- ▶ Ideal for rooms that need to be heated over a longer period of time
- ▶ Integrated overheating protection
- ▶ Robust metal housing
- ▶ High heating and fan output
- ▶ Integrated tip-over protection

EHG 9 / EHG 15

- ▶ Integrated run-on function ensures that the appliance cools down quickly after switching off



EHG 5



EHG 9



EHG 15

Model		EHG 5	EHG 9	EHG 15
Art. no.		6510005	6510009	6510015
Technical data				
Heat output	kW	5	9	15
Mains voltage	V/A	400 / 16	400 / 16	400 / 32
Blower capacity	m ³ /h	774	1198	2246
Heating levels		2	2	2
Fan function		Yes	Yes	Yes
Dimensions (L x W x H) approx.	mm	270 x 255 x 400	355 x 300 x 490	410 x 360 x 550
Weight approx.	kg	5.6	9.6	14.5

GHG 15 / GHG 30 / GHG 50 - Gas-fired fan heater

- ▶ Ideal for large, well-ventilated rooms - e.g. on construction sites, in warehouses or in workshops
- ▶ Only a socket and propane cylinder are required for heating operation
- ▶ The high heat output ensures that rooms are heated quickly
- ▶ Robust metal housing
- ▶ With overheating protection, which automatically interrupts the gas supply in the event of overheating while the fan continues to run for cooling.
- ▶ An additional integrated temperature sensor serves as flame failure protection and prevents unburnt gas from escaping.
- ▶ Simple ignition at the touch of a button

GHG 30 / GHG 50

- ▶ Heating capacity infinitely variable



GHG 50



GHG 15

Model		GHG 15	GHG 30	GHG 50
Art. no.		6520015	6520030	6520050
Technical data				
Heat output	kW	15	18 – 30	30 – 50
Adjustable		–	stepless	stepless
Mains voltage	V	230	230	230
Energy efficiency class		A	A	A
Blower capacity	m ³ /h	580	1000	1000
Dimensions (L x W x H) approx.	mm	380 x 190 x 305	465 x 245 x 385	665 x 250 x 410
Weight approx.	kg	4	6	8



Pressure reducer

Accessory	Art. no.
Gas hose 1.5m for GHG 15, GHG 30	6520002
Gas hose 1.5m for GHG 50	6520003
Pressure reducer 700 mbar incl. gas hose 1.5 mtr.	6520000
Pressure reducer 1,500 mbar incl. gas hose 1.5 mtr.	6520001

Heaters

DHG 20 / DHG 30/ DHG 50 – Diesel space heaters

- ▶ Professional and powerful diesel heater with integrated thermostat for heating and drying in construction, agriculture, storage rooms (only in well-ventilated rooms) where a constant temperature needs to be reached and maintained.
- ▶ Not suitable for enclosed spaces.
- ▶ High-quality stainless steel burner
- ▶ Simple operation thanks to automatic electronic ignition
- ▶ Directly fired diesel heating fan, primarily for outdoor heating applications.
- ▶ Integrated thermostat for constant temperature maintenance
- ▶ Integrated fuel tank with fuel gauge



DHG 20



DHG 30



DHG 50

Model		DHG 20	DHG 30	DHG 50
Art. no.		6530020	6530030	6530050
Technical data				
Heat output	kW	20	30	50
Mains voltage	V	230	230	230
Fuel		Diesel	Diesel	Diesel
Fuel consumption	l/h	1.65	2.4	4
Tank capacity	l	22	38	50
Energy efficiency class		A	A	A
Blower capacity	m ³ /h	550	750	1100
Dimensions (L x W x H) approx.	mm	752 x 305 x 430	860 x 520 x 610	1010 x 555 x 610
Weight approx.	kg	14	21	24

DHG 30 K / DHG 50 K – Diesel space heaters

- ▶ Integrated thermostat with digital display for automatic operation
- ▶ Large chassis for convenient transport
- ▶ Simple ignition at the touch of a button
- ▶ Only use outdoors and in well-ventilated rooms.

DHG 50 K
with high-quality Danfoss gear pump



Model		DHG 30 K	DHG 50 K
Art. no.		6531030	6531050
Technical data			
Heat output	kW	30	50
Mains voltage	V	230	230
Fuel		Diesel	Diesel
Fuel consumption	l/h	2.4	3.8
Tank capacity	l	50	69
Outer diameter of exhaust pipe	mm	118	148
Exhaust pipe holder	mm	120	150
Energy efficiency class		C	C
Blower capacity	m³/h	760	2000
Type of fuel pump		Air Pump	Gear Pump
Dimensions (L x W x H) approx.	mm	1110 x 490 x 750	1370 x 560 x 995
Weight approx.	kg	33	59



Hot air hose



Thermostat

Accessory	Art. no.
Hot air hose 5m Ø 250mm for DHG 30 K	6531000
Hot air hose 5m Ø 350mm for DHG 50 K	6531001
Thermostat with 10m cable length	6531005

Heaters

IDHG 20 / IDHG 40 – Infrared diesel heater

- ▶ The diesel heater immediately provides localised radiant heat without generating air turbulence
- ▶ Ideal for workplace heating, construction drying, construction heating and de-icing. Thanks to its low weight, the infrared diesel heater can be transported quickly to new locations
- ▶ With integrated room thermostat
- ▶ Simple ignition at the touch of a button
- ▶ Integrated cooling system prevents overheating
- ▶ Only use in ventilated rooms!



IDHG 20



IDHG 40

Model		IDHG 20	IDHG 40
Art. no.		6532020	6532040
Technical data			
Heat output	kW	20	40
Mains voltage	V	230	230
Fuel consumption	l/h	1.6	3.2
Tank capacity	l	10.5	38
Blower capacity	m ³ /h	613	–
Dimensions (L x W x H) approx.	mm	575 x 340 x 635	925 x 635 x 860
Weight approx.	kg	18	28

IDHG series - Infrared diesel heaters for rooms up to 1600 m³

- ▶ Very efficient heating due to large radiant heat surface
- ▶ Simple operation with digital display
- ▶ Equipped with integrated room thermostat
- ▶ Sturdy chassis with four swivel rollers
- ▶ Electromagnetic fuel pump
- ▶ Cost-efficient heating thanks to low consumption
- ▶ Stainless steel heating element
- ▶ Fan switches off when the temperature is reached
- ▶ Installed quality injection nozzle from "Danfoss"
- ▶ Integrated protective function for safe operation (e.g. overheating protection, tilt protection)



IDHG 13



IDHG 16

New

Model	IDHG 13	IDHG 16
Art. no.	6532013	6532015

Technical data		IDHG 13	IDHG 16
Heat output	kW	13	16
Heating levels		1	1
Heatable room volume	m ³	900	1600
Fuel consumption	l/h	1.03	1.26
Tank capacity	l	32	42
Energy efficiency class		C	C
Connection voltage	V	230	230
Mains frequency	Hz	50	50
Sound pressure level	dB(A)	48	48
Dimensions (L x W x H) approx.	mm	950 x 305 x 1050	1335 x 305 x 1050
Weight (net) approx.	kg	46.3	57.9



› Exhaust outlet on the top of the housing



› Digital display with control panel



› for practical use in workshops

Scope of delivery:
› Exhaust hose 1 - 3 m

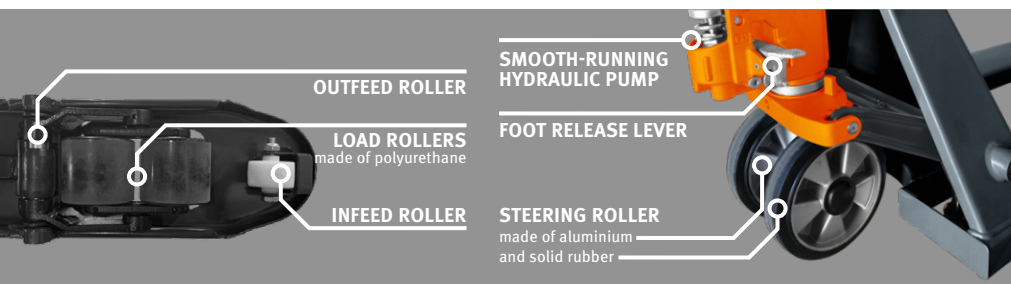
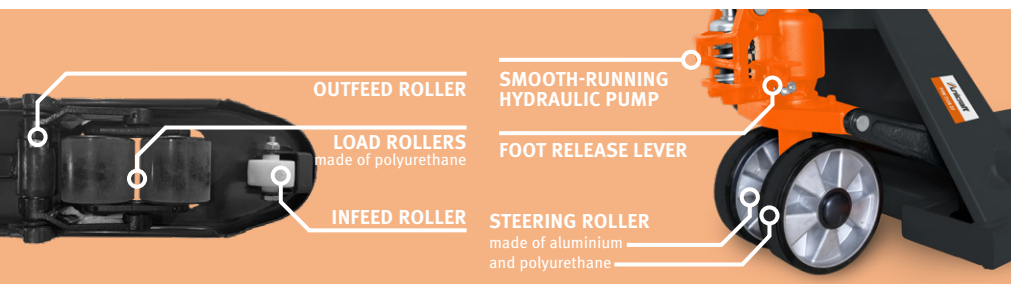
Accessories	Art. no.
Exhaust pipe bend 90°	6532100
Exhaust pipe rigid 50 cm	6532101
Exhaust hose 50 cm	6532102
Exhaust hose 100 cm	6532103
Exhaust gas hose Ø60 mm for IDHG 13	6532104

LIFT TABLES & LIFT TRUCKS



PHW series - Comfortable, resilient and manoeuvrable hand pallet truck

- ▶ Lifting, lowering and neutral position
Can be operated via one-hand lever
- ▶ With a foot lowering lever as standard, which enables the loaded pallets to be lowered flexibly with the foot
- ▶ Smooth-running hydraulic pump with hard chrome-plated piston and pressure relief valve
- ▶ Infinitely adjustable lowering speed via sensitive drain valve
- ▶ Easy to move even heavy loads
- ▶ Robust ball bearings in all wheels and rollers
- ▶ Steel frame and fork in a very stable and torsion-resistant shell construction
- ▶ Low maintenance costs
- ▶ Infeed and outfeed rollers for easier pallet loading
(PHW 2507 / 2508 / 2508 DF)
- ▶ Ergonomically shaped drawbar
(PHW 2508 mit Kunststoffmantel)



FORK LENGTH	Model	Fork Length (mm)
PHW 2507L	1800 mm	
PHW 2508	1150 mm	
PHW 2508 EF	1150 mm	
PHW 2508 DF	1150 mm	
PHW 2508 K	800 mm	



Model		PHW 2508 EF	PHW 2508 DF	PHW 2508 K	PHW 2508	PHW 2507L
Art. no.		6152525	6152520	6152513	6152512	6152511
Technical data		PHW 2508 EF	PHW 2508 DF	PHW 2508 K	PHW 2508	PHW 2507L
Fork length	mm	1150	1150	800	1150	1800
Load capacity	t	2	2.5	2.5	2.5	2.5
Carrying width	mm	550	550	540	540	540
Fork width	mm	160	160	160	160	160
Stroke range	mm	75 – 190	85 – 195	85 – 200	85 – 200	85 – 200
Steering angle	°	205	205	186	205	186
Turning radius	mm	1281	1281	835	1281	1790
Swivel rollers (Ø x width)	mm	160 x 50	180 x 50	200 x 50	200 x 50	200 x 50
Load rollers (Ø x width)	mm	70 x 80	70 x 80	80 x 70	80 x 70	80 x 70
Dimensions (L x W x H) approx.	mm	1540x550x1175	1540x550x1210	1200 x 540 x 1235	1550 x 540 x 1235	2190 x 540 x 1240
Weight approx.	kg	52	65	60	67	100

Professional pallet truck

Professional pallet truck series PHW W/WP–
with 2 tonne load capacity and integrated electronic scales.

- ▶ Ideal for warehouses, dispatch centres and production facilities
- ▶ Combined functionality of a pallet truck and scales saves valuable time
- ▶ Intuitive control panel with functions such as tare, zero point determination and counting function
- ▶ Aluminium swivel rollers with solid rubber treads and PU tandem fork rollers for smooth manoeuvring
- ▶ Easy pallet pick-up and delivery thanks to integrated infeed and outfeed rollers
- ▶ 72 hours operating time with only 6 - 8 hours charging time thanks to built-in 6V battery
- ▶ Reliable at temperatures from -10° to 40 °C



PHW 2500 W



PHW 2500 WP
▶ Additionally with integrated printer

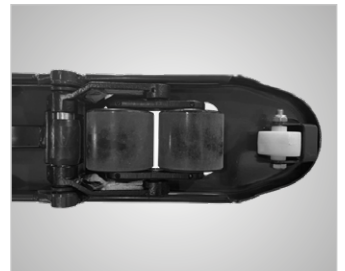
Scope of delivery PHW 2500 WP:
▶ Thermal roll 57 x 40 x 15 mm



› Intuitive control panel with functions such as tare, zero point determination and counting function



› Intuitive control panel with functions such as tare, zero point determination and counting function
› Integrated printer



› Easy pallet pick-up and delivery thanks to integrated infeed and outfeed rollers



› Smooth-running hydraulic pump with foot release lever

Model		PHW 2500 W
Art. no.		6150280

Model		PHW 2500 WP
Art. no.		6150285

Technical data		
Load capacity	t	2.5
Carrying width	mm	570
Fork width	mm	175
Fork length	mm	1150
Stroke range	mm	85 – 200
Steering angle	°	210
Turning radius	mm	1362
Required aisle width	mm	1768
Swivel rollers (Ø x width)	mm	180 x 50
Fork rollers (Ø x width)	mm	80 x 70
Dimensions (L x W x H)	mm	570 x 1200 x 90
approx.		
Weight approx.	kg	90
Scales		
Weighing capacity	kg	2500
Measuring interval	kg	0.5
Measurement accuracy	kg	at 2500 kg = +/- 2.5 kg
Power supply		6V/4Ah

EHW 15.2 E – Electric pallet truck, fully electric version with lithium-ion battery.

- ▶ Very manoeuvrable and low overall weight, also suitable for use in confined spaces
- ▶ Stepless, convenient control of the travelling speed via rocker switch
- ▶ Ergonomic tiller head for high operating comfort
- ▶ Powerful and maintenance-free lithium-ion battery
- ▶ High availability thanks to a very short charging time of just two and a half to three hours
- ▶ Battery discharge indicator (LED) on the drawbar
- ▶ CAN bus interface and Curtis maintenance control for quick and easy diagnostics (external diagnostic software required)
- ▶ Lateral support rollers
- ▶ Easy, safe manoeuvring in tight bends thanks to automatic speed reduction by 50% in the event of a heavy drawbar deflection

- › Powerful lithium-ion battery
- › Ideal for loading and unloading trucks and as a portable device
- › Very manoeuvrable, compact and lightweight
- › Low-speed function for manoeuvring with vertical drawbar



Illustration shows EHW 15.2 E without side support rollers

Model		EHW 15.2 E
Art. no.		6160107

Technical data		
Load capacity	t	1.5
Carrying width	mm	540
Fork width/length	mm	160 / 1150
Stroke range	mm	80 – 195
Turning radius	mm	1332
Lifting speed	m/s	0.016
Lowering speed	m/s	0.05
Travelling speed	km/h	4
Traction motor power	kW	0.75
Hoist motor power	kW	0.5
Battery voltage	V	24
Chassis height	mm	646
Swivel rollers (Ø x width)	mm	210 x 75
Fork rollers (Ø x width)	mm	80 x 60
Noise level	dB(A)	70
Battery weight	kg	5.9
Dimensions (L x W x H) approx.	mm	1539 x 540 x 1130
Weight approx.	kg	136

Accessories EHW 12	Art. no.
Charger 24V/8A	6161240
Charger 24V/12A	6161241
Li-ion - battery 24V 20 Ah	6161235
Li-ion - battery 24V 40 Ah	6161236
Li-ion - battery 24V 60 Ah	6161237

Pallet truck

Electric pallet truck EHW 15 E – with lithium-ion battery

- ▶ Very manoeuvrable and low overall weight, also suitable for use in confined spaces, on the tail lift or as a truck-mounted device
- ▶ Stepless, convenient control of the travelling speed via rocker switch
- ▶ Low-speed function enables slow manoeuvring with vertical drawbar - perfect in confined spaces!
- ▶ Ergonomic tiller head for high operating comfort
- ▶ Powerful and maintenance-free lithium-ion battery
- ▶ High availability thanks to a very short charging time of just two and a half to three hours and the option of intermediate charging during breaks or downtimes
- ▶ Integrated battery management system ensures long-term maintenance and safety during the charging process
- ▶ Battery discharge indicator on the drawbar
- ▶ Battery easy to remove and insert
- ▶ CAN bus interface and Curtis maintenance control for quick and easy diagnostics (external diagnostic software required)

▶ *Powerful lithium-ion battery*

▶ *Ideal for loading and unloading lorries and as a truck-mounted device*

▶ *Very manoeuvrable, compact and lightweight*

▶ *Low-speed function for manoeuvring with vertical drawbar*

Scope of delivery:

- ▶ 8A charger
- ▶ Li-ion rechargeable battery 24 V / 20 Ah

Standard equipment:

- ▶ LED battery discharge indicator
- ▶ Low-speed function
- ▶ Electronic key for unlocking



Model		EHW 15 E
Art. no.		6160105

Technical data		
Load capacity	t	1.5
Carrying width	mm	540
Fork width/length	mm	160 x 1150
Stroke range	mm	80 – 195
Turning radius	mm	1340
Lifting speed	m/s	0.015
Lowering speed	m/s	0.05
Travelling speed	km/h	4.9
Maximum incline, loaded	%	6
Maximum incline, unloaded	%	16
Traction motor power	kW	0.75
Hoist motor power	kW	0.5
Battery voltage	V	24
Battery nominal capacity	Ah	20
Noise level	dB(A)	70
Chassis height	mm	646
Battery weight	kg	5.8
Swivel rollers (Ø x width)	mm	210 x 75
Fork rollers (Ø x width)	mm	80 x 70
Dimensions (L x W x H) approx.	mm	1538 x 540 x 1125
Weight approx.	kg	136



▶ *Two sprung side support rollers for excellent driving and cornering stability*

Accessories EHW 12	Art. no.
Charger (24V/8A for EHW 12/15)	6161240
Charger (24V/12A for EHW 12/15)	6161241
Li-ion - battery (24V / 20 Ah)	6161230
Li-ion - battery (24V / 40 Ah)	6161231

Electric pallet truck EHW 12 – fully electric version with lithium-ion battery

- ▶ Very manoeuvrable and low overall weight, also suitable for use in confined spaces, on the tail lift or as a truck-mounted device
- ▶ Stepless, convenient control of the travelling speed via rocker switch
- ▶ Low-speed function enables slow manoeuvring with vertical drawbar - perfect in confined spaces!
- ▶ Ergonomic tiller head for high operating comfort
- ▶ Powerful and maintenance-free lithium-ion battery
- ▶ High availability thanks to a very short charging time of just two and a half to three hours and the option of intermediate charging during breaks or downtimes
- ▶ Integrated battery management system ensures long-term maintenance and safety during the charging process
- ▶ Battery discharge indicator on the drawbar
- ▶ Battery easy to remove and insert
- ▶ CAN bus interface and Curtis maintenance control for quick and easy diagnostics (external diagnostic software required)

- › Powerful lithium-ion battery
- › Ideal for loading and unloading lorries and as a truck-mounted device
- › Very manoeuvrable, compact and lightweight
- › Low-speed function for manoeuvring with vertical drawbar

Scope of delivery:

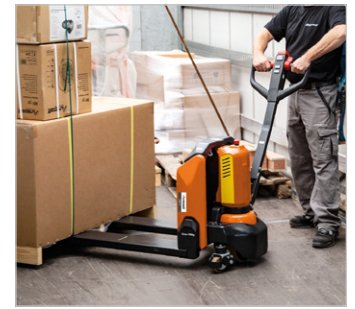
- › Battery charger
- › Li-ion battery 24V/20Ah

Standard equipment:

- ▶ LED battery discharge indicator
- ▶ Low-speed function
- ▶ Electronic key for unlocking



EHW 12 - Figure with side support castor accessories



› Very manoeuvrable, also suitable for use in confined spaces, e.g. in lorries



- › Convenient control of speed, direction of travel and braking via easily responsive rocker switches
- › Easily accessible, large buttons for raising and lowering the forks and horns



- › Easily accessible low-speed button for slow manoeuvring with vertical drawbar
- › Battery discharge indicator via LED
- › Unlocking the pallet truck with an electronic key

Model	EHW 12
Art. no.	6160112

Technical data		
Load capacity	t	1.2
Carrying width	mm	540
Fork width/length	mm	160 / 1150
Stroke range	mm	80 – 195
Turning radius	mm	1337
Lifting speed	m/s	0.031
Lowering speed	m/s	0.069
Travelling speed	km/h	4.6
Maximum incline, loaded	%	4
Maximum incline, unloaded	%	16
Traction motor power	kW	0.65
Hoist motor power	kW	0.5
Battery voltage	V	24
Battery nominal capacity	Ah	20
Noise level	dB(A)	70
Chassis height	mm	628
Battery weight	kg	4.4
Swivel rollers (Ø x width)	mm	210 x 70
Fork rollers (Ø x width)	mm	80 x 93
Dimensions (L x W x H) approx.	mm	1537 x 540 x 1160
Weight approx.	kg	124



Accessories EHW 12	Art. no.
① Li-ion battery 24V/20Ah	6161242
① Li-ion battery 24V/36Ah	6161243
Charger for 6161242	6161240
Charger for 6161243	6161241
② Mounting kit for sprung side support rollers	6161000
› For outstanding driving and cornering stability	
Scope of delivery:	
› Two sprung side support rollers	
› Two covers	

Pallet truck

Electric pallet truck EHW 15 / EHW 20 – fully electric version with lithium-ion battery

- ▶ Very manoeuvrable and low overall weight, also suitable for use in confined spaces, on the tail lift or as a truck-mounted device
 - ▶ Stepless, convenient control of the travelling speed via rocker switch
 - ▶ Low-speed function enables slow manoeuvring with vertical drawbar - perfect in confined spaces!
 - ▶ EHW 20: easy, safe manoeuvring in tight bends thanks to automatic speed reduction by 50% in the event of a strong drawbar deflection
 - ▶ Ergonomic tiller head for high operating comfort
 - ▶ Powerful and maintenance-free lithium-ion battery
 - ▶ High availability thanks to a very short charging time of just two and a half to three hours and the option of intermediate charging during breaks or downtimes
- ▶ Integrated battery management system ensures long-term maintenance and safety during the charging process
 - ▶ Battery discharge indicator on the drawbar
 - ▶ Battery easy to remove and insert
 - ▶ CAN bus interface and Curtis maintenance control for quick and easy diagnostics (external diagnostic software required)

› Powerful lithium-ion battery

› Ideal for loading and unloading lorries and as a truck-mounted device

› Very manoeuvrable, compact and lightweight

› Low-speed function for manoeuvring with vertical drawbar

› Sprung side support rollers for high driving and cornering stability

Scope of delivery EHW 15:

- › Battery charger
- › Li-ion battery 24V/20Ah

Scope of delivery EHW 20:

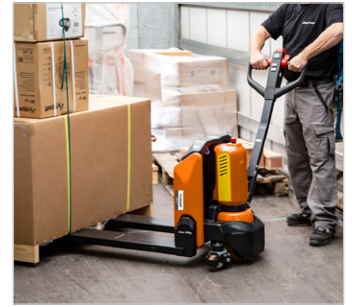
- › Battery charger
- › Li-ion battery 48V/20Ah

Standard equipment:

- ▶ Lateral support rollers
- ▶ LCD battery discharge indicator
- ▶ Low-speed function
- ▶ Unlocking with PIN code (EHW15)
- ▶ Unlocking with PIN code, RFID chip (EHW20)

Model		EHW 15	EHW 20
Art. no.		6160115	6160120

Technical data			
Load capacity	t	1.5	2.0
Carrying width	mm	540	540
Fork width/length	mm	160 / 1150	160 / 1150
Stroke range	mm	80 – 195	80 – 195
Turning radius	mm	1330	1336
Lifting speed	m/s	0.02	0.017
Lowering speed	m/s	0.05	0.05
Travelling speed	km/h	4.6	4.8
Maximum incline, loaded	%	6	7
Maximum incline, unloaded	%	16	16
Traction motor power	kW	0.65	0.75
Hoist motor power	kW	0.5	0.8
Battery voltage	V	24	48
Battery nominal capacity	Ah	20	20
Noise level	dB(A)	70	70
Chassis height	mm	628	628
Battery weight	kg	4.6	7.5
Swivel rollers (Ø x width)	mm	210 x 70	210 x 70
Fork rollers (Ø x width)	mm	80 x 93	80 x 93
Dimensions (L x W x H) approx.	mm	1530 x 540 x 1160	1536 x 540 x 1160
Weight approx.	kg	123	149



› Very manoeuvrable, also suitable for use in confined spaces, e.g. in lorries



› Convenient control of speed, direction of travel and braking via easily responsive rocker switches

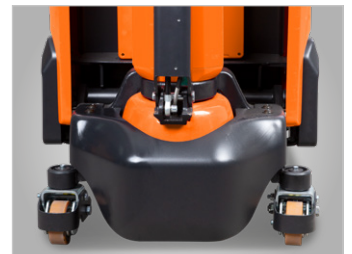
› Easily accessible, large buttons for raising and lowering the forks and horns



› Low-speed button for slow manoeuvring with vertical drawbar

› Battery discharge indicator via LCD

› Unlocking the lift trolley with a four-digit PIN code, model EHW 20 additionally with RFID chip



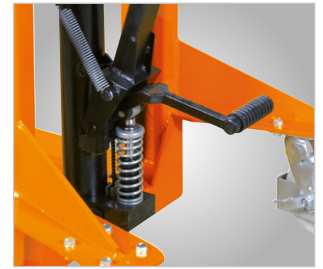
› Two sprung side support rollers for excellent driving and cornering stability

Accessories EHW 15	Art. no.
Li-ion battery 24V/20Ah	6161242
Li-ion battery 24V/36Ah	6161243
Charger for 6161242	6161240
Charger for 6161243	6161241

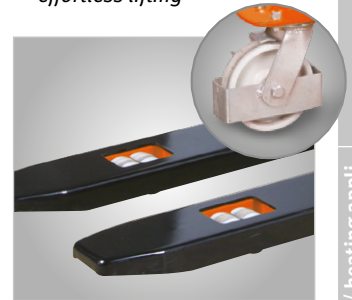
Accessories EHW 20	Art. no.
Li-ion battery 48V/20Ah	6161482
Charger for 6161482	6161481

High lift pallet truck GHHW 1000 – Particularly well suited for loading and unloading vehicles

- ▶ Facilitates handling and transport in the warehouse and at the workplace
- ▶ Can be used twice for stacking and short transport
- ▶ No sparks due to static charge and no electromagnetic fields, therefore also suitable for flammable or explosive substances
- ▶ Robust steel profile construction with high-quality welded seams
- ▶ Fixed fork width for stable lifting of the load
- ▶ Economically constructed lifting device with manually operated hydraulic pump
- ▶ Fits well through all door openings and fully occupied warehouses due to its compact design
- ▶ Equipped with low-wear rollers and swivelling nylon rear wheels with ball bearings for smooth driving behaviour
- ▶ Durable precision mechanics
- ▶ The lifting function is particularly easy to operate thanks to the foot and hand levers



› The foot lever enables effortless lifting

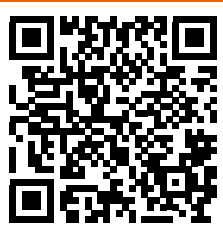


- › Sturdy construction with large swivel rollers and double fork rollers made of polyurethane
- › No sparks due to static charge and no electromagnetic fields, therefore also suitable for flammable or explosive substances

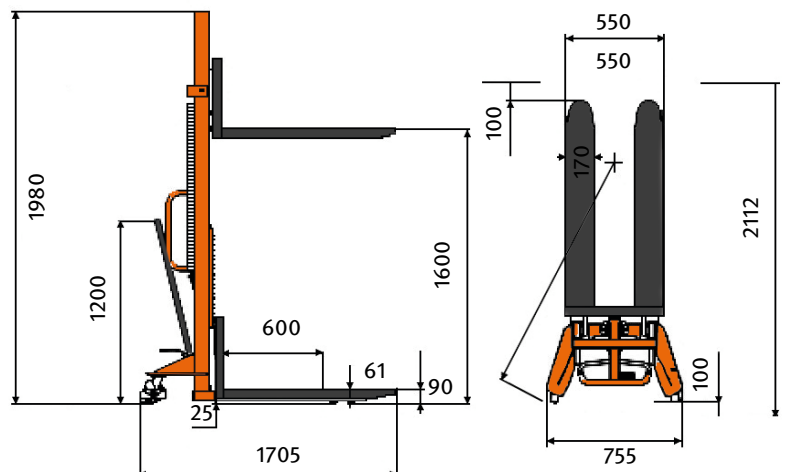


- › The ergonomically shaped handle can be operated with one hand
- › Optimum comfort thanks to plastic coating

Info & Video



Model		GHHW 1000
Art. no.		6151016
Technical data		
Load capacity	t	1
Carrying width	mm	550
Fork width	mm	170
Fork length	mm	1150
Stroke range	mm	90-1600
Chassis height	mm	1980
Steering angle	°	210
Swivel rollers (Ø x width)	mm	147 x 40
Fork rollers (Ø x width)	mm	83 x 60
Lowering speed		manually controllable
Turning radius	mm	1380
Required aisle width	mm	2112
Load distribution	mm	600
Dimensions (L x W x H) approx.	mm	1705 x 755 x 1980
Weight approx.	kg	230



Pallet truck

GHHW 1025 – High-lift pallet truck particularly suitable for loading and unloading vehicles

- ▶ Facilitates handling and transport in the warehouse and workshop
 - ▶ Can be used for high stacking and short transport
 - ▶ No sparks due to static charge and no electromagnetic fields, therefore also suitable for flammable or explosive substances
 - ▶ Robust steel profile construction with high-quality welded seams
 - ▶ Fixed fork width for stable lifting of the load
 - ▶ Solidly built lifting device with manually operated hydraulic pump
 - ▶ The lifting function is particularly easy and effortless
- to operate thanks to the foot and hand levers
 - ▶ Fits well through all door openings and fully occupied warehouses due to its compact design
 - ▶ Equipped with low-wear rollers and swivelling nylon rear wheels with ball bearings for smooth driving behaviour
 - ▶ Equipped with durable precision mechanics



- › Ergonomic handle
- › The ergonomically moulded handle is can be operated with one hand
- › Optimum comfort thanks to plastic coating



- › Operation also by foot
- › The foot lever enables effortless lifting



Model		GHHW 1025
Art. no.		6151020
Technical data		
Load capacity	t	1
Carrying width	mm	580
Fork (L x W)	mm	170 x 1150
Stroke range	mm	90 – 2500
Lifting speed	mm/s	20
Turning radius	mm	1350
Castor diameter	mm	80
Castor width	mm	70
Fork roller diameter	mm	147
Fork roller width	mm	40
Dimensions (L x W x H) approx.	mm	1695 x 860 x 1838 (max. 2925)
Weight approx.	kg	292

Combined scissor pallet truck PHH 1001 – The mobile lifting platform with 1 tonne load capacity

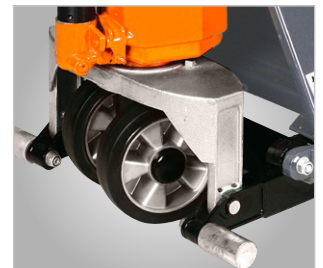
- ▶ Robust, fully hydraulic lifting and lowering device
- ▶ Smooth-running hydraulic pump with hard chrome-plated piston and pressure relief valve
- ▶ Infinitely adjustable lowering speed via sensitive drain valve
- ▶ Quickly reach the maximum fork height thanks to mechanical quick lift
- ▶ Frame and fork in stable and torsion-resistant shell construction
- ▶ Very manoeuvrable due to up to 210° steering angle
- ▶ Ergonomically shaped drawbar with additional plastic coating
- ▶ Easy movement of even heavy loads by switching from the pump to the neutral position
- ▶ Extra quiet running thanks to aluminium swivel castors with solid rubber treads
- ▶ Plastic load rollers
- ▶ Maintenance-free precision ball bearings in all wheels and rollers



- › The lift, quick lift, lower and neutral position functions are set using the single-handed lever.
- › Optimum comfort thanks to plastic coating

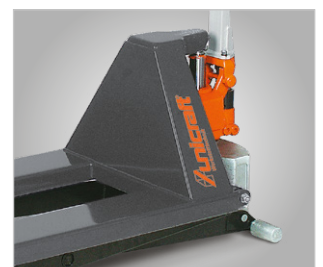
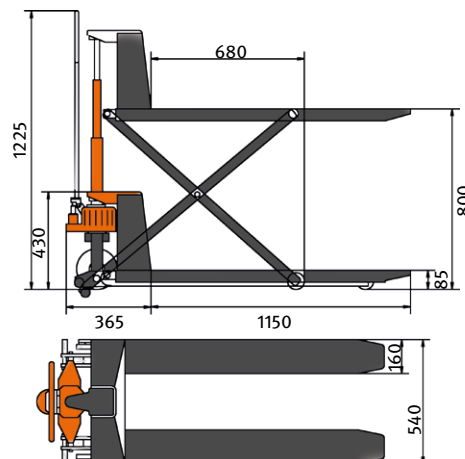


- › Fully hydraulic lifting and lowering device with hard chrome-plated 3-part piston and pressure relief valve
- › The lowering speed is automatically reduced for heavy loads
- › Mechanical quick lift to reach the maximum height



- › When lifting, the pallet truck rests on the standard support legs above a certain height. This ensures a secure footing and prevents unintentional rolling away

Model		PHH 1001
Art. no.		6150100
Technical data		
Load capacity	t	1
Carrying width	mm	540
Fork width	mm	160
Fork length	mm	1150
Stroke range	mm	85-800
Chassis height	mm	430
Steering angle	°	210
Swivel rollers (Ø x width)	mm	180 x 50
Fork rollers (Ø x width)	mm	74 x 50
Dimensions (L x W x H) approx.	mm	1515 x 540 x 1225
Weight approx.	kg	122



- › Thanks to the low chassis height of just 430 mm, the PHH 1001 can be used universally

Scissor pallet truck

Combined scissor pallet truck PHH 1003 E – with electro-hydraulic lifting device with 1 t load capacity

- ▶ Robust electro-hydraulic lifting and lowering device
- ▶ Hydraulic pump with hard chrome-plated piston with pressure relief valve
- ▶ Can be used twice as an electrically or manually operated scissor pallet truck e.g. during the battery charging process
- ▶ Manual lowering, speed continuously and smoothly adjustable via sensitive release valve.
- ▶ Frame and fork in stable and torsion-resistant shell construction
- ▶ Ergonomically shaped drawbar with additional plastic coating
- ▶ Extra quiet thanks to aluminium swivel castors and fork rollers with polyurethane-wrapped solid rubber treads
- ▶ Maintenance-free precision ball bearings in all wheels and rollers
- ▶ Maintenance-free battery with five-hour runtime (12 V/60 Ah) as standard
- ▶ Battery charging possible via any 230 V socket



› The ergonomically shaped drawbar can be operated with one hand and is additionally coated with plastic for optimum comfort



› Robust electro-hydraulic lifting and lowering device
› The lowering speed is automatically reduced with heavy loads to prevent damage
› With LED display of the battery charge level



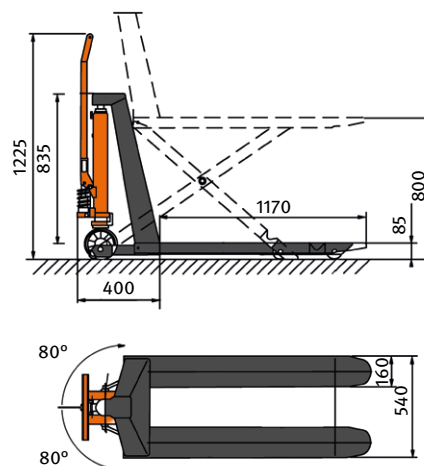
› High-quality hydraulic pump with hard chrome-plated piston and pressure relief valve



› When lifting, the pallet truck rests on the standard support legs above a certain height. This ensures a secure footing and prevents unintentional rolling away



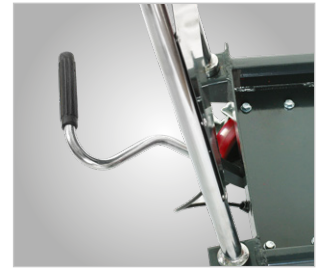
Model		PHH 1003 E
Art. no.		6150104
Technical data		
Load capacity	t	1
Carrying width	mm	540
Fork width	mm	160
Fork length	mm	1170
Stroke range	mm	85-800
Steering angle	°	160
Turning radius	mm	1564
Swivel rollers (Ø x width)	mm	180 x 55
Fork rollers (Ø x width)	mm	75 x 50
Hoist motor power	kW	0.8
Battery voltage	V	12
Battery nominal capacity	Ah	60
Battery weight	kg	24
Dimensions (L x W x H) approx.	mm	1715 x 540 x 1254
Weight approx.	kg	152



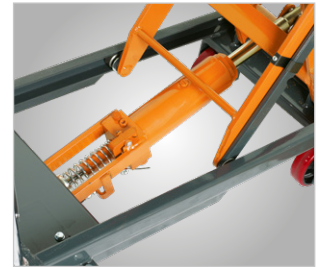
Scissor lift table

Hydraulic scissor lift table FHT 500 - Mobile with 500 kg load capacity

- ▶ Robust steel construction
- ▶ For flexible and convenient working
- ▶ With easy-to-operate foot lever to raise the table hydraulically to the desired height.
- ▶ Separate foot lever for lowering the table
- ▶ Robust rollers with safety wheel guards and brakes on the two swivel rollers for greater safety when loading and unloading
- ▶ The overload safety valve protects the operator and the pump



› Easy-to-use hydraulic foot lever



› Hydraulic lifting and lowering device

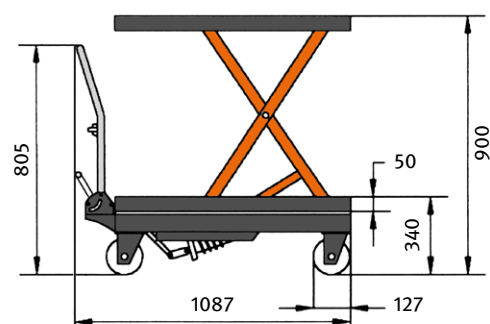


› The robust rollers are equipped with safety wheel guards and brakes on the swivel rollers, which ensures greater safety during loading and unloading.



› Easy and convenient table lowering

Model		FHT 500
Art. no.		6150500
Technical data		
Load capacity	kg	500
Table dimensions	mm	855 x 500 x 50
Total length	mm	1087
Stroke range	mm	340-900
Handle height	mm	805
Stroke per pump movement	mm	13
Rollers Ø	mm	127
Weight approx.	kg	87



Scissor pallet truck

Hydraulic compact scissor lift table series SHT

- ▶ For ergonomic working at an optimum working height
- ▶ With closed platform
- ▶ Separate control unit with 3 metre cable, control buttons and emergency stop switch
- ▶ Stepless lifting and lowering
- ▶ Sturdy, powder-coated steel construction
- ▶ Guaranteed stability
- ▶ All-round safety edges
- ▶ Fulfils the safety criteria of EN 1570
- ▶ High-pressure cylinder with dual safety function



SHT 1000

Model		SHT 1000	SHT 2000
Art. no.		6154100	6154200
Technical data			
Load capacity	t	1	2
Table dimensions	mm	1300 x 800	1300 x 800
Stroke duration	s	25	40
Loaded lifting speed	mm/s	40	22
Power	kW	1.1	1.5
Stroke range	mm	190 – 1010	190 – 1010
Weight approx.	kg	178	242

Electric scissor lift table FHT-B 1200 – for changing electric car batteries, gearboxes and motors

- ▶ Safe and efficient replacement of gearboxes, motors and batteries in electric vehicles
- ▶ Perfect for work in vehicle workshops thanks to a lifting height of 1,840 mm
- ▶ Robust lift table with double scissors made of steel
- ▶ Double hydraulic piston ensures a load capacity of up to 1,200 kg
- ▶ Length-adjustable and tiltable loading table via adjusting screws
- ▶ Height electrically adjustable using control panel
- ▶ Transport of protruding components possible thanks to fold-away handle
- ▶ Adjustable insulated levelling feet on the top of the loading table for optimum alignment of the battery
- ▶ Adjustable feet can be positioned flexibly thanks to loading table with perforated grid



› PU swivel rollers with parking brakes for easy manoeuvring



› Adjustable feet can be flexibly positioned using loading table with M10 hole pattern

Model	FHT-B 1200	
Art. no.	6155000	
Technical data		
Load capacity	kg	1200
Table height min.	mm	650
Table height max.	mm	1840
Lifting time table height min. to max.	s	50 – 60
Drive motor power	kW	0.75
Connection voltage	V	230
Table length/ width	mm	1290+110 / 770
Handle height	mm	880
Dimensions (L x W x H) approx.	mm	1840 x 770 x 780
Weight approx.	kg	418



Accessories	Art. no.
Standard levelling foot with rubber pad	6155001
Levelling foot high version with thread	6155003
Adjustable foot, high version with rubber pad	6155004
Vario adapter set	6155002

Workstation table

SHT G & U series lift tables - with particularly low overall height

Model SHT 1001 U with U-shaped platform

- ▶ For ergonomic working at an optimum working height
- ▶ With closed platform
- ▶ Separate control unit with 3 metre cable, control buttons and emergency stop switch
- ▶ Stepless lifting and lowering
- ▶ Sturdy steel construction for optimum stability
- ▶ Fulfils the safety criteria of EN 1570
- ▶ Chrome-plated piston rods

SHT 1001 G

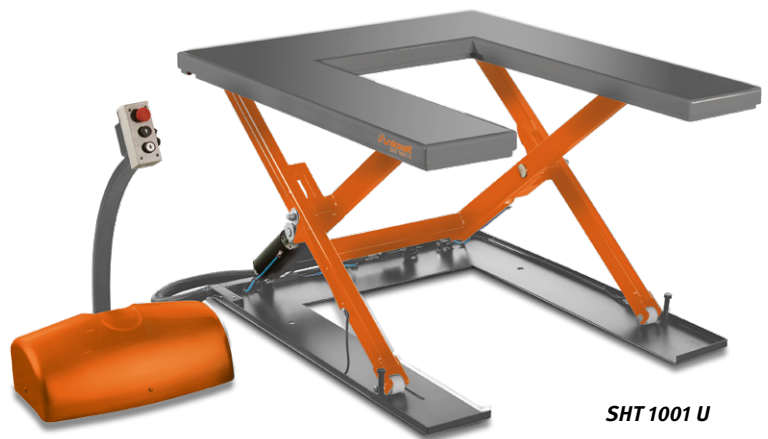
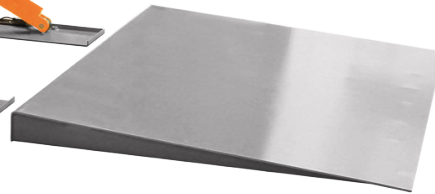
- ▶ Includes access ramp for convenient access to equipment with running gear such as lawn mowers, etc.

SHT 1001 U

- ▶ U-shaped platform, making it easier to access with pallet trucks



SHT 1001 G



SHT 1001 U

Scope of delivery SHT 1001 G:
 > Access ramp

Model		SHT 1001 G	SHT 1001 U
Art. no.		6153102	6153101
Technical data			
Load capacity	t	1	1
External platform dimensions approx.	mm	1450 x 1140	1450 x 1140
Internal platform dimensions approx.	mm	-	1050 x 585
Stroke duration	s	18	18
Loaded lifting speed	mm/s	42	42
Power 400 V ~ 50 Hz	kW	0.75	0.75
Stroke range	mm	85-860	85-860
Weight approx.	kg	231	312

Workstation table HT 300 M/HT 300 S – Mobile, with quick and individual height adjustment

- ▶ Adjustment of the table height using foot hydraulics
- ▶ Design principle with smooth-running scissor mechanism ensures that the platform can be raised and lowered absolutely parallel
- ▶ Easy to manoeuvre thanks to four swivel rollers with a diameter of 125 mm
- ▶ Two rollers equipped with brakes
- ▶ Different worktops can be mounted on the base frame, securely fixed with four pins
- ▶ Fulfils the safety criteria of EN 1570-1



HT 300 S



HT 300 M



› Foot-operated hydraulics for adjusting the table to the desired working height



› Easy to manoeuvre thanks to four swivel rollers, two rollers fitted with brakes

Model		HT 300 S	HT 300 M
Art. no.		6100300	6100310
Technical data			
Load capacity	t	0.3	0.3
Table height min.	mm	400	400
Table height max.	mm	1010	1010
Dimensions (L x W x H) approx.	mm	970 x 590 x 400	1200 x 740 x 400
Platform (L x W) approx.	mm	970 x 590	1200 x 740
Roller diameter	mm	125	125
Weight approx.	kg	60	80

Scissor lift table

Height-adjustable work table HT 300 L - mobile, with double horizontal scissors and generous dimensions

- ▶ Construction made of high-quality steel profiles for extremely high stability
- ▶ Adjustment of the table height using foot hydraulics
- ▶ Design principle with smooth-running scissor mechanism ensures that the platform can be raised and lowered absolutely parallel
- ▶ Easy to manoeuvre thanks to four swivel rollers
- ▶ Two rollers equipped with brakes
- ▶ Different worktops can be mounted on the base frame, secure fastening with plug pins
- ▶ Fulfils the safety criteria of EN 1570-1



› Foot-operated hydraulics for adjusting the table to the desired working height



› Easy to manoeuvre thanks to four swivel rollers, two rollers fitted with brakes



Model		HT 300 L
Art. no.		6100320

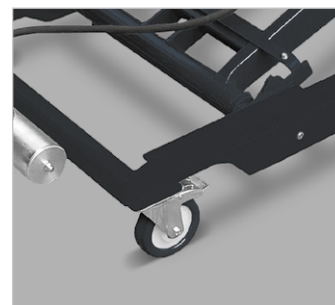
Technical data		
Load capacity	t	0.3
Table height min.	mm	400
Table height max.	mm	1010
Dimensions (L x W x H) approx.	mm	1900 x 740 x 400
Platform (L x W) approx.	mm	1900 x 740
Roller diameter	mm	125
Weight approx.	kg	140

Work table HT 600 - mobile and height-adjustable, with single scissor mechanism

- ▶ Construction made of high-quality steel profiles for extremely high stability
- ▶ Adjustment of the table to the desired working height using foot hydraulics - smooth lifting and lowering movement
- ▶ Design principle with smooth-running scissor mechanism ensures that the platform can be raised and lowered absolutely parallel
- ▶ Easy to manoeuvre thanks to four heavy-duty swivel rollers
- ▶ Two rollers equipped with brakes
- ▶ Different worktops can be mounted on the base frame, secure fastening with plug pins
- ▶ Fulfils the safety criteria of EN 1570-1



› Foot-operated hydraulics for smooth lifting and lowering movements


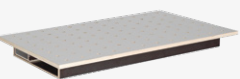









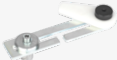







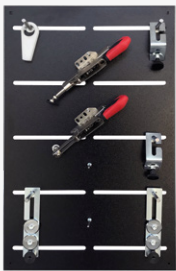
› Easy to manoeuvre thanks to four heavy-duty swivel rollers, two of which are equipped with brakes

Model		HT 600
Art. no.		6100600

Technical data		
Load capacity	t	0.6
Table height min.	mm	400
Table height max.	mm	1010
Dimensions (L x W x H) approx.	mm	1900 x 740 x 400
Platform (L x W) approx.	mm	1900 x 740
Roller diameter	mm	125
Weight approx.	kg	190

Accessories

Model	HT 300S Art. no. 6100300	HT 600 M Art. no. 6100310	HT 300L Art. no. 6100320	HT 600 Art. No. 6100600
 <p>Table top HPL perforated grid panel › Table dimensions approx: 80 x 120 cm › Material: Multiplex HPL coated › Clamping system: Perforated grid with Ø20 mm › Weight approx: 15.5 kg Scope of delivery: › Fastening screw › 2 sheet metal brackets + screws for connecting several table tops Art. no. 6112000</p>	●	●	●	●
 <p>Table top HPL perforated grid top incl. drawer & storage space › Table dimensions approx: 80 x 120 cm › Material: Multiplex HPL coated › Clamping system: Perforated grid with Ø20 mm › Drawer length 99 cm › Weight approx: 23 kg Scope of delivery: › Drawer › 4 mounting brackets + screws › 2 sheet metal brackets + screws for connecting several table tops Art. no. 6112001</p>	●	●	●	
 <p>Table top HPL perforated grid top incl. drawer & storage space swivelling › Table dimensions approx: 80 x 120 cm › Table dimensions swivelled out approx: 160 x 120 cm › Material: Multiplex HPL coated › Clamping system: Perforated grid with Ø20 mm › Drawer length 99 cm › Weight approx: 38 kg Scope of delivery: › Swivelling perforated grid panel with drawer and storage space Art. no. 6112002</p>	●	●		
 <p>Metal worktop, smooth 1000 x 600 mm › With all-round bevelling › Push handles at the ends › Panel thickness 3 mm Art. no. 6110300</p>	●			
 <p>Worktop beech multiplex, 1250 x 800 mm › Panel thickness 30 mm › Includes four socket pins for fixing Art. no. 6110301</p>	●			
 <p>Perforated worktop beech multiplex, 1250 x 800 mm › Panel thickness 30 mm › Perforated grid 100 mm › Bore diameter 22 mm Art. no. 6110302</p>	●			
 <p>Perforated worktop beech multiplex, 1600 x 790 mm › Panel thickness 30 mm › Perforated grid 100 mm › Bore diameter 22 mm Art. no. 6110310</p>		●		

Model	Table top Art. no. 6112000	Table top Art. no. 6112001	Table top Art. no. 6112002
 Clamp for fixing the workpiece incl. clamping bolt Ø 20 mm Art. no. 6112005	●	●	●
 Support rail with anti-slip surface incl. 2 clamping bolts Ø 20 mm Art. no. 6112006	●	●	●
 Support rail with anti-slip surface & lifting device Art. no. 6112007	●	●	●
 Self-adhesive replacement covering (for Art. no. 6112006 & 6112007) Art. no. 6112008	●	●	●
 Eccentric clamp with clamping bolt Ø 20 mm Art. no. 6112009	●	●	●
 Positioning angle with clamping bolt Ø 20 mm Art. no. 6112010	●	●	●
 Horizontal clamp with clamping bolt Ø 20 mm Art. no. 6112011	●	●	●
 Vertical clamp with clamping bolt Ø 20 mm Art. no. 6112012	●	●	●
 Horizontal clamp for perforated grid plate Ø 20 mm Art. no. 6112013	●	●	●
 Vertical clamp for perforated grid plate Ø 20 mm Art. no. 6112014	●	●	●
 Tripod with horizontal clamp for perforated grid plate Ø 20 mm Art. no. 6112015	●	●	●
 Tripod with vertical clamp for perforated grid plate Ø 20 mm Art. no. 6112016	●	●	●
 Clamping bolt Ø 20 mm with hexagon socket screw Art. no. 6112017	●	●	●
 Clamping system 1 <ul style="list-style-type: none"> > 1 Organiser panel with mounting pins > 1 Horizontal clamp with clamping bolt > 1 Vertical clamp with clamping bolt > 4 clamping bolts ø20 mm with disc > 2 open plates, 180 x 40, with thread > 2 pivot bearings with threaded pin for eccentric clamp > 2 plastic eccentric clamps > 2 Angle open 80 x 40 x 60 > 2 stop screws Art. no. 6112018	●	●	●
 Clamping system 2 <ul style="list-style-type: none"> > 1 Organiser panel with mounting pins > 1 round adapter plate with horizontal clamp > 1 round adapter plate with vertical clamp > 6 clamping bolts ø20 mm with disc > 4 open plates, 180 x 40, with thread > 4 pivot bearings with threaded pin for eccentric clamp > 4 plastic eccentric clamps > 2 Angle open 80 x 40 x 60 > 2 stop screws > 2 adapter blocks for raising the clamps on the round adapter plate Art. no. 6112019	●	●	●

Power generator

Battery charger

Induction / heating appliances

Lift tables & lift trucks

Transport aids

Car jack

Hoisting equipment/scales

Workshop appliances

Workstation table

Workstation table HT 300 M PSR – Mobile and height-adjustable, with swivelling plate frame

- ▶ Enables one person to effortlessly load panels onto the platform frame and swivel from the vertical to the horizontal position
- ▶ Use on sizing or panel dividing saws, on the shelf or on the way between stations
- ▶ Swivel frame with two-position locking in vertical and horizontal position
- ▶ Adjustment of the frame to the desired working height by simply operating the hydraulic unit via a foot lever.
- ▶ Design principle with smooth-running scissor mechanism ensures that the platform can be raised and lowered absolutely parallel
- ▶ Sturdy support rollers on the lower support and several all-round rollers ensure ergonomic smooth running
- ▶ Counterweight on the lower frame for a secure stand and maximum stability when moving the table
- ▶ Control pedal of the workstation table fully accessible
- ▶ Easy to manoeuvre thanks to four swivel rollers with a diameter of 125 mm
- ▶ Two rollers equipped with brakes
- ▶ Assembly and disassembly of the swivel plate frame on the platform base frame in a few simple steps
- ▶ Fulfils the safety criteria of EN 1570-1



› Foot-operated hydraulics for adjusting the table to the desired working height



› Easy to manoeuvre thanks to four swivel rollers, two rollers fitted with brakes

Model	HT 300 M PSR	
Art. no.		6100315

Technical data		
Load capacity	t	0.3
Max. load capacity of swivel frame	t	0.12
Table height min.	mm	400
Table height max.	mm	1010
Dimensions (L x W x H) approx.	mm	1200 x 740 x 400
Roller diameter	mm	125
Weight approx.	kg	75
Swivel frame (L x W) approx.	mm	1500 x 1800
Swivel frame weight	kg	10



Height-adjustable work table HT 300 L LAP – mobile, with double horizontal shears and perforated grid panel made of beech multiplex

- ▶ Construction made of high-quality steel profiles for extremely high stability
- ▶ Including high-quality perforated grid panel 2000 x 1000 x 30 mm made of beech multiplex with 100 mm hole grid and 22 mm hole diameter
- ▶ Adjustment of the table height using foot hydraulics
- ▶ Design principle with smooth-running scissor mechanism ensures that the platform can be raised and lowered absolutely parallel
- ▶ Easy to manoeuvre thanks to four swivel rollers
- ▶ Two rollers equipped with brakes
- ▶ Fulfils the safety criteria of EN 1570-1



› Foot-operated hydraulics for adjusting the table to the desired working height



› Easy to manoeuvre thanks to four swivel rollers, two rollers fitted with brakes

Scope of delivery:

- › Perforated grid plate 2000 x 1000 x 30 mm, beech multiplex, perforation grid 100 mm, hole diameter 22 mm

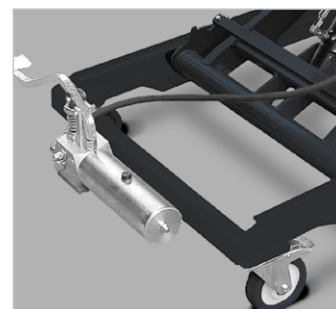
Model		HT 300 L LAP
Art. no.		6100325

Technical data		
Load capacity	t	0.3
Table height min.	mm	430
Table height max.	mm	1040
Dimensions (L x W x H) approx.	mm	2000 x 1000 x 430
Platform length x width	mm	2000 x 1000
Roller diameter	mm	125
Weight approx.	kg	188

Workstation table

Workstation table HT 600 LAP - mobile, height-adjustable, with single scissor mechanism and perforated grid top made of beech multiplex

- ▶ Construction made of high-quality steel profiles for extremely high stability
- ▶ Including high-quality perforated grid panel 2000 x 1000 x 30 mm made of beech multiplex with 100 mm hole grid and 22 mm hole diameter
- ▶ Adjustment of the table to the desired working height using foot hydraulics – smooth lifting and lowering movement
- ▶ Design principle with smooth-running scissor mechanism ensures that the platform can be raised and lowered absolutely parallel
- ▶ Easy to manoeuvre thanks to four heavy-duty swivel rollers
- ▶ Two rollers equipped with brakes
- ▶ Fulfils the safety criteria of EN 1570-1



› Foot-operated hydraulics for smooth lifting and lowering movements



› Easy to manoeuvre thanks to four heavy-duty swivel rollers, two of which are equipped with brakes



Scope of delivery:

- › Perforated grid plate 2000 x 1000 x 30 mm, beech multiplex, perforation grid 100 mm, hole diameter 22 mm

Model		HT 600 LAP
Art. no.		6100605

Technical data		
Load capacity	t	0.6
Table height min.	mm	430
Table height max.	mm	1040
Dimensions (L x W x H) approx.	mm	2000 x 1000 x 430
Platform length x width	mm	2000 x 1000
Roller diameter	mm	125
Weight approx.	kg	238

Accessories suitable for perforated grid plate

Clamp

- › For fixing the workpiece from above
- › Adjustable up to 200 mm workpiece thickness
- › 360° swivelling

6111000

Scope of delivery:

- › One raster bolt



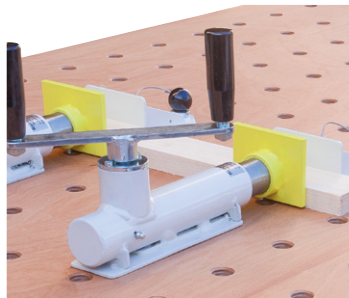
Quick release with angular gear

- › Adjustment stroke 130 mm
- › Pressure plate length x width 100 x 78 mm
- › Can be used on perforated beech grid panel

6111001

Scope of delivery:

- › Two raster bolts



Single abutment

- › Can be used on perforated beech grid panel

Scope of delivery:

- › One raster bolt
- › One securing plug

6111002



Support rail with anti-slip surface

- › For attaching to worktops

Scope of delivery:

- › One support rail

6111003

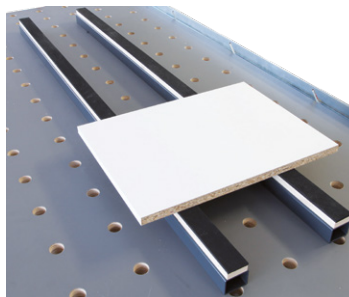


Figure shows 2 support rails

HT 301 M / HT 301 L / HT 601 - Mobile work table, with hydraulic height adjustment

- ▶ Robust steel construction
- ▶ Ergonomic and flexible working thanks to hydraulic height adjustment
- ▶ Can be configured as required with different worktops for multifunctional use
- ▶ Easy to manoeuvre thanks to robust swivel rollers with safety wheel guard and parking brake
- ▶ Integrated handles for easy manoeuvring in the workshop

- HT 601**
- ▶ with double hydraulic pistons and enlarged table surface



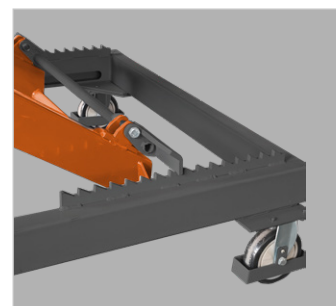
HT 301 M
Fig. similar



HT 301 L
Fig. similar



HT 601
Fig. similar



› Safety catch protects against unintentional lowering

Accessories

MDF perforated worktop	Art. no.
for HT 301 M	
1100 x 640 x 18 mm	6140000
Bore Ø 20 mm	
1200 x 800 x 18 mm	6140001
Bore Ø 20 mm	
for HT 301 L / HT 601	
2020 x 1020 x 25 mm Bore Ø 20 mm	6140011
1500 x 800 x 25 mm	6140012
Bore Ø 20 mm	



Welding table top with side panel	Art. no.
for HT 301 M	
1100 x 640 x 100 mm	6140003
Bore Ø 28 mm	
for HT 301 L / HT 601	
1500 x 830 x 100 mm	6140013
Bore Ø 28 mm	
1500 x 830 x 125 mm	6140014
Bore Ø 28 mm	

Welding table top	Art. no.
for HT 301 M	
1200 x 750 x 12 mm Bore Ø 28 mm	6140002

Roller conveyor attachment	Art. no.
for HT 301 M	
1200 x 560 mm	6140004

Plate swivel frame	Art. no.
for HT 301 L / HT 601	
	6140010

Model		HT 301 M	HT 301 L	HT 601
Art. no.		6130300	6130305	6130600
Technical data				
Load capacity	t	0.3	0.3	0.65
Table height min./max.	mm	490 / 1100	430 / 1085	455 / 1210
Table (L x W)	mm	1100 x 640	1500 x 830	1500 x 830
Stroke per pump movement	mm	250	300	300
Dimensions (L x W x H) approx.	mm	1100 x 640 x 400	2020 x 1020 x 550	2020 x 1020 x 550
Weight approx.	kg	74	130	157

Accessories for welding table top for HT 301 M / HT 301 L / HT 601



Accessories	Set 1 System 28 193283100	Set 2 System 28 193283200	Set 3 System 28 193283300	Set 4 System 28 193283400	Set 5 System 28 193283500
Art. no.					
22 Ferrule nitrided	4 x	6 x	10 x	14 x	14 x
23 Clamp nitrided 45°/90°	2 x	4 x	6 x	10 x	10 x
24 Prism nitrided 135°	2 x	4 x	4 x	6 x	8 x
20 Bolt burnished 95 mm	12 x	18 x	24 x	30 x	36 x
21 Magnetic clamping bolt		4 x	4 x	8 x	8 x
8 Nitrided stop 150 mm	4 x	6 x	8 x	10 x	12 x
9 Nitrided stop 225 mm	4 x	6 x	8 x	10 x	12 x
10 Nitrided stop 500 mm				4 x	4 x
11 Nitrided angle 175 mm	2 x	4 x	6 x	8 x	12 x
13 Nitrided angle 300 mm	2 x	2 x	2 x	2 x	2 x
12 Nitrided angle 500 mm		2 x	2 x	2 x	2 x
16 + 17 Turning angle nitrided 500 mm				1 x + 1 X	1 x + 1 X
14 + 15 Nitrided angle 750 mm			1 x + 1 X	1 x + 1 X	1 x + 1 X
18 + 19 Nitrided angle 800 mm					1 x + 1 X
25 Tool trolley				1 x	1 x

Options (ex works only)	Art. no.
Base basic equipment 750 instead of base basic equipment 650	193280857X
1 Surcharge per height-adjustable foot 450-700	193280878XX
2 Surcharge per height-adjustable foot 550-900	193280877XX
3 Surcharge per foot with swivel castor and parking brake	193280876XX
4 Surcharge per height-adjustable foot with swivel castor and parking brake 550-750	193280879XX
5 Surcharge per foot with floor anchoring	193280874XX

Accessories	Art. no.
6 Sub Table Box for System 28	1932809901
7 Eccentric stop Ø 60 mm with M10 thread - nitrided	193280402 N
8 Universal stop 150 L - nitrided	193280410 N
9 Universal stop 225 L - nitrided	193280420 N
10 Universal stop 500 S - nitrided	193280430 N
Stop and clamping angle	
11 - 175 L - nitrided	193280110 N
12 - 500 G - nitrided	193280162 N
13 - 300 G - nitrided	193280152 N
14 - 750 G left - nitrided	193280166 N
15 - 750 G right - nitrided	193280167 N
16 - 500 G with rotation angle left-cast / nitrided	193280164 N
17 - 500 G with angle of rotation right-cast / nitrided	193280165 N
18 - 800 GK left - nitrided	193280144 N
19 - 800 GK right - nitrided	193280146 N
20 Quick-release pin, short - burnished	193280510
21 Quick-release pin, short - burnished without groove	193280511

Accessories	Art. no.
22 Magnetic clamping bolt 68 mm	193280740
23 Professional screw clamp - nitrided	193280610 N
24 Professional screw clamp 45°/90° - nitrided	193280630 N
25 Prism Ø 50 mm 135° with screwed-in collar - nitrided	1932806481 N
26 Tool trolley	193280910
27 Brush Ø 30 mm with protective cap	193280820
28 Torch holder - burnished	193280920
29 Allen key 6 mm	1932808521
30 Combination whetstone 200 x 50 x 25 mm	193000940
Stop and clamping angle	
31 - 175 SL - nitrided	193280109 N
32 - 300 GK left - nitrided	193280124 N
33 - 300 GK right - nitrided	193280126 N
34 - 500 GK left - nitrided	193280130 N
35 - 500 GK right - nitrided	193280132 N
36 Table press	193280780
37 Non-stick with corrosion protection 1 litre in spray bottle	194000924
38 Standard 125 mm vice 125 mm vice	193004302 193004320
Surface clamping countersunk bolt	
39 - double-burnished	193280595
40 - triple-burnished	1932805953
41 - quadruple-burnished	1932805954
Surface clamping bolt	
42 - double-burnished	193280590
43 - quadruple-burnished	1932805904
44 - triple-burnished	1932805903
45 Quick-release bolt without groove, triple-burnished	193280513

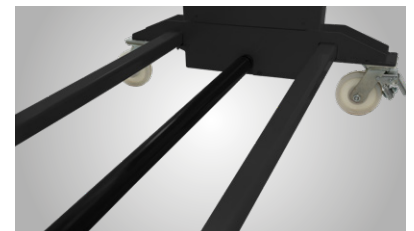
Workstation table

AMT 500 - Work and assembly table

- ▶ Infinitely height-adjustable assembly table
- ▶ Height adjustment using the foot hydraulics
- ▶ Robust helper in every workshop and working environment
- ▶ The **patented height adjustment system** ensures smooth and stepless height adjustment. Even with uneven load distribution of the eccentric load
- ▶ No jamming, no jerking
- ▶ Reacts quickly and at a well-dosed speed
- ▶ Clear width of 1105 mm between the lifting columns
- ▶ Four swivel rollers, two with brakes



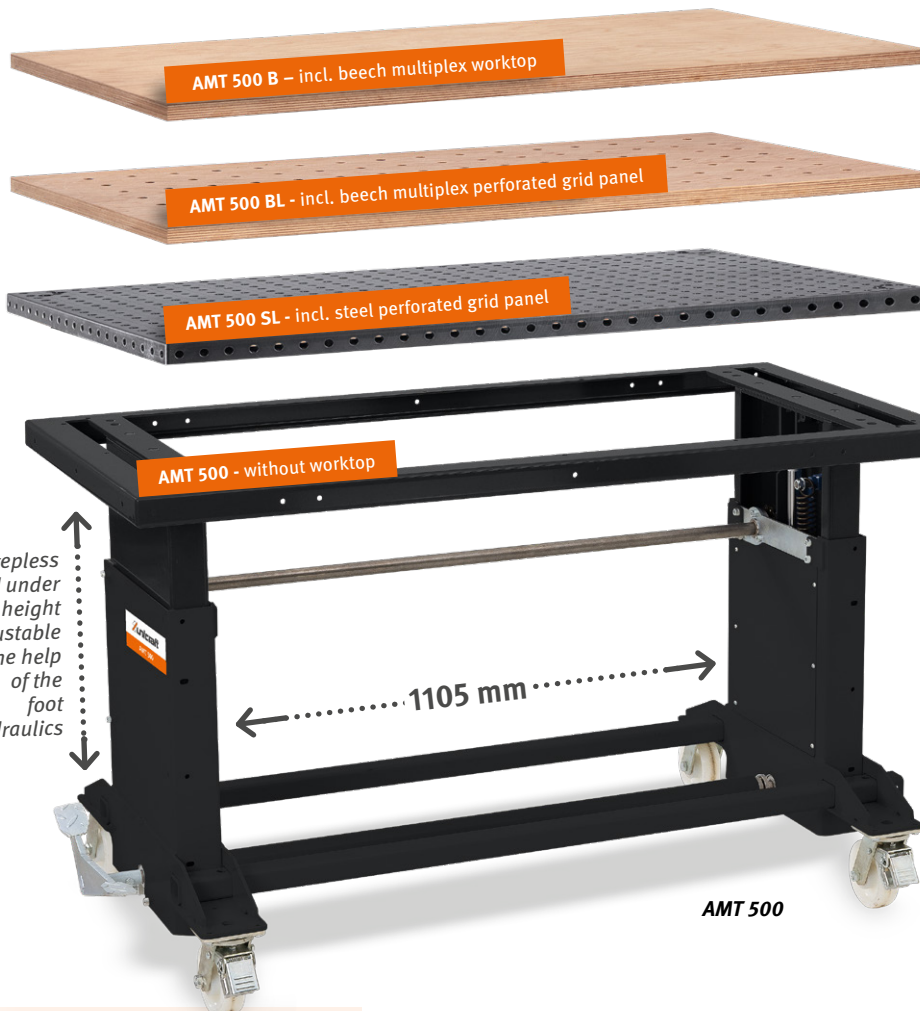
› Lifting units are protected from dirt and damage



› Lower synchronising shaft can optionally disappear under a shelf



› Four rollers with two brakes ensure flexibility and stability



AMT 500

Steel perforated grid plate	
Material thickness	approx. 11.5 – 13 mm
Bores	with radius 2 mm
Corners and edges	with radius 3/6 mm
Grid	50 x 50 mm
Side panel	50 mm high
Bore spacing	50 mm
Side cheek	



Optional sheet steel shelf offers space for tools, accessories, base cabinet, etc. (Art. No. 6110500)



Patented



incl. worktop
Beech multiplex



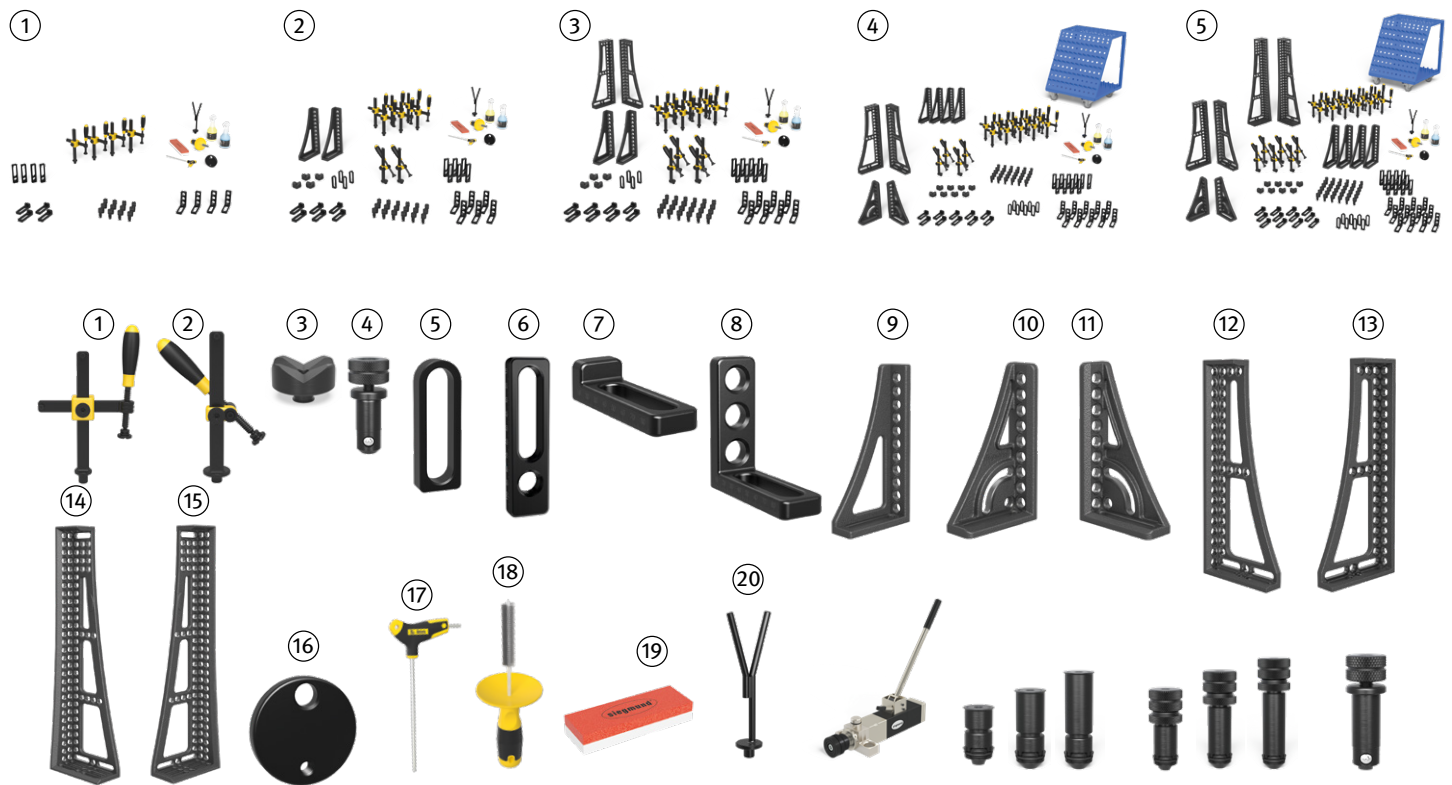
incl. perforated grid
panel Beech multiplex



incl. steel perforated
grid plate

Model		AMT 500	AMT 500B	AMT 500 BL	AMT 500 SL
Art. no.		6101500	6101501	6101502	6101505
Technical data					
Load capacity	kg	500	500	500	500
Support plate		–	Worktop Beech multiplex	Perforated panel Beech multiplex	Steel perforated grid plate
Platform size	mm	1460 x 740	–	–	–
Plate size	mm	–	1600 x 790 x 30	1600 x 790 x 30	1600 x 790 x 50
Total height max.	mm	970	1000	1000	1000
Useful stroke	mm	300	300	300	300
Lifting unit		1 x left	1 x left	1 x left	1 x left
Swivel roller ø	mm	125	125	125	125
Dimensions (L x W x H) approx.	mm	1460 x 740 x 670	1460 x 740 x 700	1460 x 740 x 700	1460 x 740 x 720
Weight approx.	kg	120	140	WW140	290

Accessories for AMT 500 SL work and assembly table



Accessories	① Set 1 System 16 193163100	② Set 2 System 16 193163200	③ Set 3 System 16 193163300	④ Set 4 System 16 193163400	⑤ Set 5 System 16 193163500
① Screw clamps, burnished/nitrided	4	6	8	10	12
② Screw clamp 45°/90° - burnished	-	2	4	4	6
③ Prism 90°/120°	-	4	4	8	8
④ Quick release bolt 53mm	12	18	24	30	36
⑤ Nitrided stop 80 mm	-	4	4	8	8
⑥ Nitrided stop 115 mm	-	6	8	10	12
⑦ Stop and clamping bracket 90 X - nitrided	4	6	8	10	12
⑧ Stop and clamping bracket 90 L - nitrided	4	6	8	10	12
⑨ Stop and clamping bracket 300 G - nitrided	-	2	2	4	4
⑩ Stop and clamping bracket 250 G with left-hand rotation angle – cast iron / nitrided	-	-	-	1	1
⑪ Stop and clamping bracket 250 G with right-hand rotation angle - cast iron / nitrided	-	-	-	1	1
⑫ Stop and clamping bracket 500 GK, left - nitrided	-	-	1	1	1
⑬ Stop and clamping bracket 500 GK, right - nitrided	-	-	1	1	1
⑭ Stop and clamping bracket 750 GK, left - nitrided	-	-	-	-	1
⑮ Stop and clamping bracket 750 GK, right - nitrided	-	-	-	-	1
⑯ Eccentric stop Ø 75 with M10 thread - nitrided	1	1	1	1	1
⑰ Allen key 4	1	1	1	1	1
⑱ Brush Ø 17 with protective cap	1	1	1	1	1
⑲ Combi whetstone 150x50x25	-	1	-	1	1
⑳ Torch holder - burnished	1	1	1	1	1
Tool trolley	-	-	-	-	1
Sample bottle of CleanBasic cleaning agent	1	1	1	1	1
Sample bottle of non-stick agent with corrosion protection	1	1	1	1	1

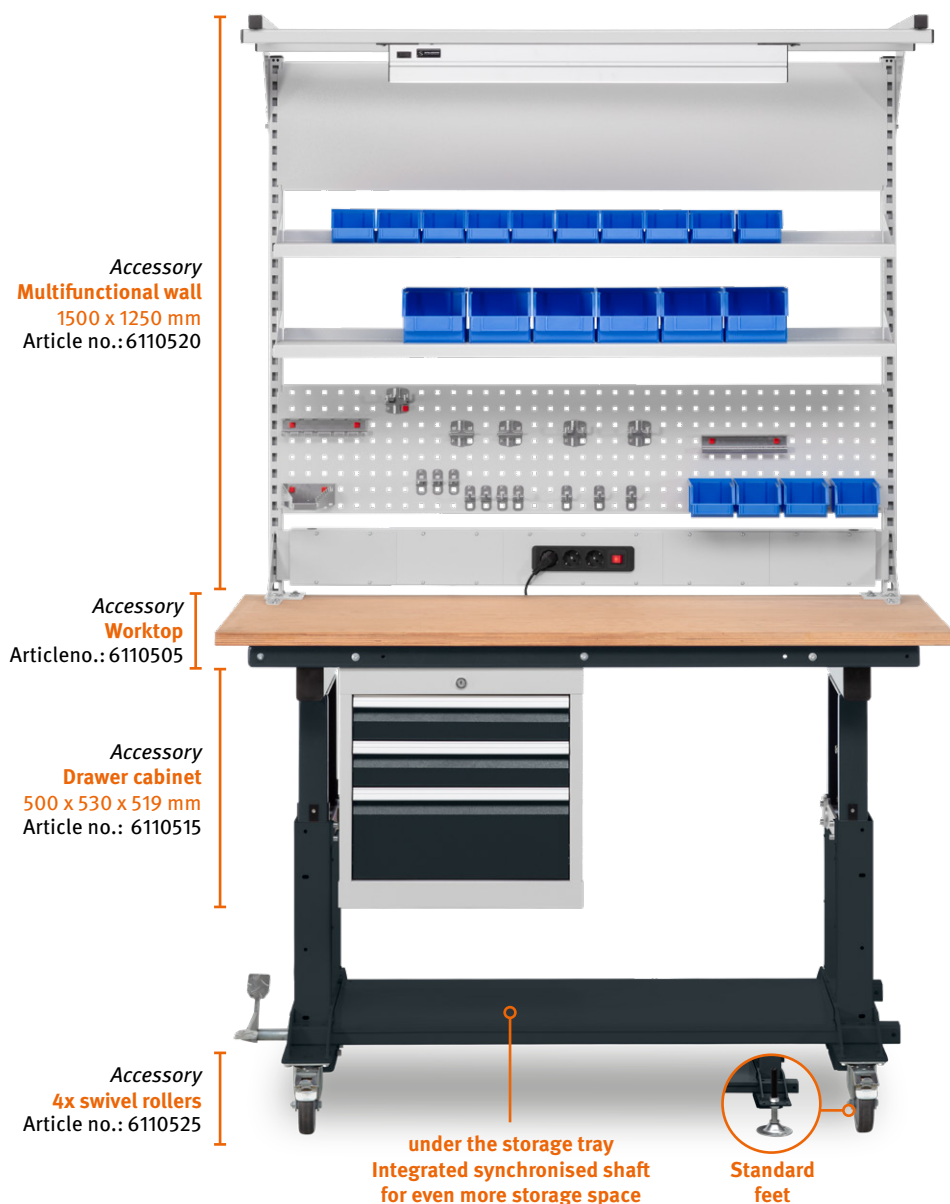
Accessories	Art. no.
① Screw clamps, burnished/nitrided	193160610
② Screw clamp 45°/90° - burnished	193160630
③ Prism 90°/120°	1931606451 N
④ Quick release bolt 53mm	193160510
⑤ Nitrided stop 80 mm	193160410 N
⑥ Nitrided stop 115 mm	193160420 N
⑦ Stop and clamping bracket 90 X - nitrided	193160108 N
⑧ Stop and clamping bracket 90 L - nitrided	193160110 N
⑨ Stop and clamping bracket 300 G - nitrided	193160162 N
⑩ Stop and clamping bracket 250 G with left-hand rotation angle – cast iron / nitrided	193160161 N
⑪ Stop and clamping bracket 250 G with right-hand rotation angle - cast iron / nitrided	193160163 N
⑫ Stop and clamping bracket 500 GK, left - nitrided	193160134 N
⑬ Stop and clamping bracket 500 GK, right - nitrided	193160136 N

Accessories	Art. no.
⑭ Stop and clamping bracket 750 GK, left - nitrided	193160146 N
⑮ Stop and clamping bracket 750 GK, right - nitrided	193160148 N
⑯ Eccentric stop Ø 75 with M10 thread - nitrided	193160402 N
⑰ Allen key 4	193160852
⑱ Brush Ø 17 with protective cap	193160820
⑲ Combi whetstone 150x50x25	193000942
⑳ Torch holder - burnished	193160920
Tool trolley	193160910

Workstation table

AMT 505 work and assembly table - Infinitely height-adjustable assembly table

- ▶ Height adjustment using the foot hydraulics
- ▶ Robust helper in every workshop and working environment
- ▶ The patented height adjustment system ensures smooth and stepless height adjustment. Even with uneven load distribution or off-centre loading
- ▶ More storage space thanks to the synchronised shaft mounted under the shelf, e.g. for the drawer cabinet available as an accessory
- ▶ No jamming or jerking thanks to the synchronised guide
- ▶ Reacts quickly and at a well-dosed speed
- ▶ Solid, height-adjustable feet for a secure hold
- ▶ Configurable with a wide range of accessories



Accessories AMT 505

Worktop	Article no.
1600 x 790 x 30 mm	6110505



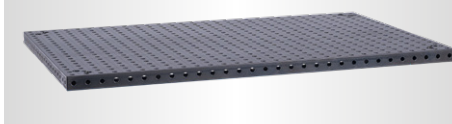
Perforated grid plate	Article no.
1600 x 790 x 30 mm	6110506



Workbench top	Article no.
1600 x 800 x 50 mm	6110508



Steel perforated grid panel 16 mm system	Article no.
1500 x 1000 x 50	6110509



Worktop	Article no.
1600 x 790 x 30	6110507



Model		AMT 505
Art. no.		6102500

Technical data		
Load capacity	kg	500
Table height min.- max.	mm	670 - 970
Platform external length / width	mm	1460 / 740
Dimensions (L x W x H)	mm	1460 x 740 x 670
Weight approx.	kg	130

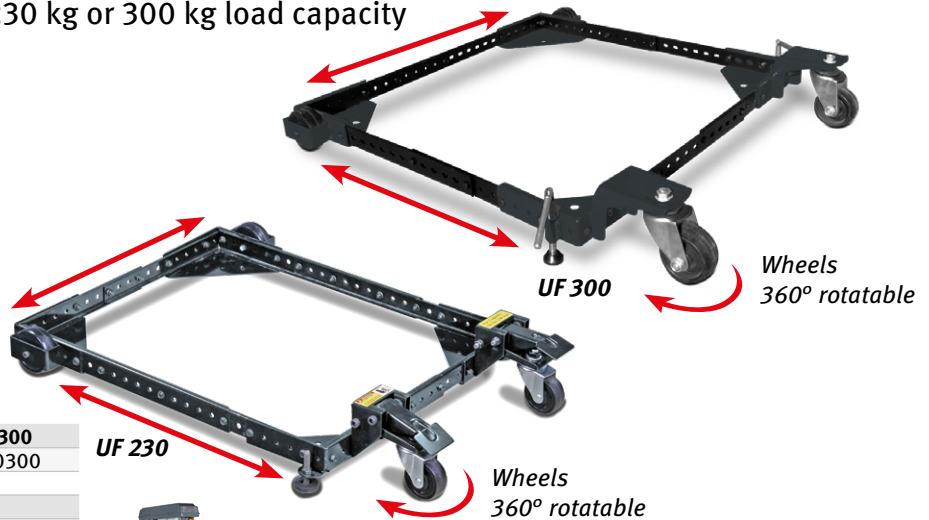
TRANSPORT AIDS



Universal-Chassis/Lift-Trolleys

Universal trolley UF 230/UF 300 - with 230 kg or 300 kg load capacity

- ▶ Chassis with variably adjustable footprint
- ▶ For easy transport and relocation of machines
- ▶ Many different footprint sizes possible via perforated grid
- ▶ Easy to manoeuvre thanks to two 360° swivel rollers
- ▶ With vibration-damping levelling feet (UF 230)
- ▶ Safe and stable construction
- ▶ Quick and easy assembly



Model		UF 230	UF 300
Art. no.		6190230	6190300
Technical data			
Load capacity	kg	230	300
Square footprint min.	mm	280 x 280	345 x 345
Square footprint max.	mm	890 x 890	730 x 730
Rectangular footprint min.	mm	430 x 280	–
Rectangular footprint max.	mm	1290 x 480	–
Hole spacing	mm	25	25.4
Weight approx.	mm	7.7	9



Application examples

- ▶ For conveniently moving band saws, sanders, planers, drills, etc. (machines not included in the scope of delivery)

Corner transport roller set ETR 4/150 - with 150 kg load capacity per piece

- ▶ For quick and easy moving of box-shaped objects and furniture
- ▶ Low loading height for safe transport
- ▶ Welded sheet steel housing
- ▶ Loading area with anti-slip surface

Scope of delivery:

- > Four corner rollers
- > Three solid rubber rollers per corner roller

Model		ETR 4/150
Art. no.		6197150
Technical data		
Load capacity	kg/pc.	150
Dimensions (L x W x H) approx.	mm	255 x 255 x 85
Loading height	mm	15 mm
Weight approx.	kg/pc.	2



600 kg
Load capacity!



Application example

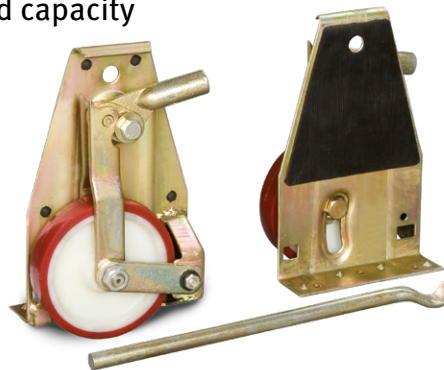
- > Optimal for conveniently moving box-shaped objects (cabinet not included)

Lifting roller set HR 1000 – with 1 tonne load capacity

- ▶ For transporting heavy objects such as cupboards etc.
- ▶ Galvanised sheet steel frame
- ▶ Contact surface with rubber coating
- ▶ Wheel with polyurethane tyres

Scope of delivery:

- > Two lifting scooters
- > A lever bar



Application example

- > Ideally suited for easy moving of loads (cabinet not included in scope of delivery)

Model		HR 1000
Art. no.		6191000
Technical data		
Load capacity (per set)	t	1
Polyurethane wheeling	mm	138 x 28
Claw height bottom	mm	12
Claw height top	mm	50
Weight approx. (per set)	kg	10

Simple handling:

- ▶ Lift load with lever bar
- ▶ Slide the claw of the lifting roller underneath
- ▶ Lift the load by moving the eccentric lever with the lever rod
- ▶ Proceed in the same way with the second lifting roller on the opposite side

Lifting rods HS series - with 1.5 t and 5 t load capacity

- ▶ Solid steel frame for maximum stability
- ▶ Smooth-running steel rollers

Model		HS 1.5	HS 5
Art. no.		6196015	6196050
Technical data			
Load capacity	t	1.5	5
Lever length	mm	2000	2000
Number of rollers		2	2
Roller size	mm	70 x 54	70 x 54
Weight approx.	kg	16	32



Transport rollers, series TR - with 3 t and 6 t load capacity t

- ▶ For easy and safe transport of heavy objects
- ▶ Large nylon rollers with ball bearings and anti-slip rubber surface

Model		TR 3	TR 6
Art. no.		6193030	6193060
Technical data			
Load capacity	t	3	6
Dimensions (L x W x H) approx.	mm	400 x 228 x 100	415 x 210 x 100
Number of rollers		4 each	6 each
Roller size	mm	85 x 90	85 x 85
Weight approx.	kg	9.5	12



Adjustable transport rollers VTR series

- ▶ Set of 2
- ▶ Large, ball-bearing nylon rollers
- ▶ Adjustable from 500 mm to 1400 mm (VTR 6) or from 720 mm to 1500 mm (VTR 12) using 2 steel rods
- ▶ Non-slip rubber surface

Scope of delivery:

- ▶ Two transport rollers with two steel rods

Transport rollers can be connected up to a length of 1.40 m (VTR 6) or 1.50 m (VTR 12) can be connected

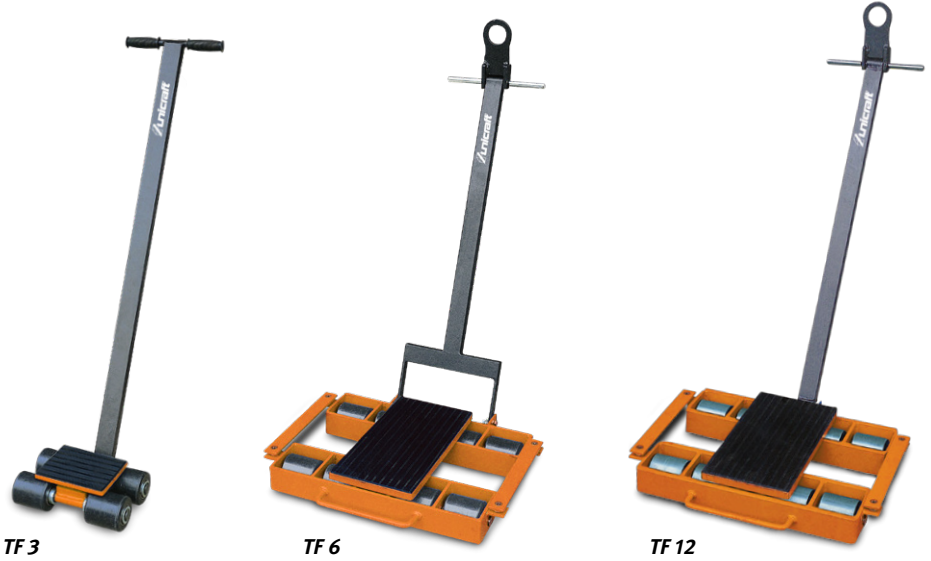
Model		VTR 6	VTR 12
Art. no.		6192060	6192120
Technical data			
Load capacity	t	6	12
Dimensions (L x W x H) approx.	mm	415 x 210 x 100	420 x 268 x 110
Number of rollers	mm	4 each	6 each
Roller size	mm	85 x 90	85 x 90
Weight approx. (per roller block)	kg	30	38



Transport trolleys/transport roller set

Transport trolleys TF series

- ▶ For easy and safe transport of heavy objects and machines
- ▶ With pivoting support plate (single for TF 3, double for TF 6 and TF 12) and drawbar for easy manoeuvring around bends
- ▶ Support plates with anti-slip rubber surface



Model		TF 3	TF 6	TF 12
Art. no.		6191030	6191060	6191120
Technical data				
Load capacity	t	3	6	12
Dimensions without drawbar (L x W x H) approx.	mm	295 x 230 x 104	640 x 534 x 115	640 x 566 x 115
Contact surface	mm	185 x 150	220 x 400	220 x 400
Number of rollers	pc.	4	8	8
Roll size (Ø x W)	mm	85 x 90	85 x 90	83 x 95
Weight approx.	kg	15	50	66

Transport roller set TR 20 - with 20 t load capacity

- ▶ Flexible use for moving heavy loads
- ▶ Easy to steer with a turning circle of 3 metres
- ▶ Suitable for short transport distances
- ▶ Set consists of steering and running gear for easy self-assembly

Scope of delivery:

- > 4 transport rollers
- > 2 turntables with rubber support Ø 130 mm
- > 2 support plates with rubber support 120 x 120 mm
- > 2 connecting rods
- > 2 handlebars
- > Metal box with rollers and handles
- > Drawbar for the metal box



Model		TR 20
Art. no.		6195020
Technical data		
Load capacity	t	20
Transport/installation height	mm	108
Roller diameter	mm	18
Weight approx.	kg	50



AUTOMOTIVE SUPPLIES



Car manoeuvring aids and ramps

Car trolley PRW 450

- ▶ Power-saving shifting, even of damaged, locked or blocked vehicles
- ▶ For sideways movements or turning on the spot
- ▶ With rollers for optimum manoeuvring in confined spaces such as car dealerships or workshops

Scope of delivery:
▶ Two trolleys



Model		PRW 450
Art. no.		6201599

Technical data		
Load capacity per pair	kg	900
Dimensions individually (L x W x H) approx.	mm	602 x 385 x 140
Weight approx. individually	kg	9

Hydraulic manoeuvring aid PV 681 - for cars

- ▶ For manoeuvring cars in confined spaces
- ▶ Two manoeuvring aids for turning the car around one axis; four manoeuvring aids for completely free movement
- ▶ Convenient lifting of the vehicle using the foot pedal
- ▶ For use on even floors indoors
- ▶ With rollers for optimum manoeuvrability even in confined spaces
- ▶ Sturdy steel construction, aluminium wheel mounts



Application example

Model		PV 681
Art. no.		6201602

Technical data		
Load capacity (upper position)	kg	680
Underride height	mm	150
Roller diameter	mm	90
max. tyre width	mm	270
Wheel centre distance	mm	340-620
Distance inside wheel mounting spars	mm	270-550
Floor clearance wheel mounting spar bottom-top	mm	36-106
Weight approx.	kg	18



Accessories	Art. no.
Storage rack	6201603

Car ramps, KR series – Practical, easy to use for greater safety when working on and under the vehicle.

KR 2000

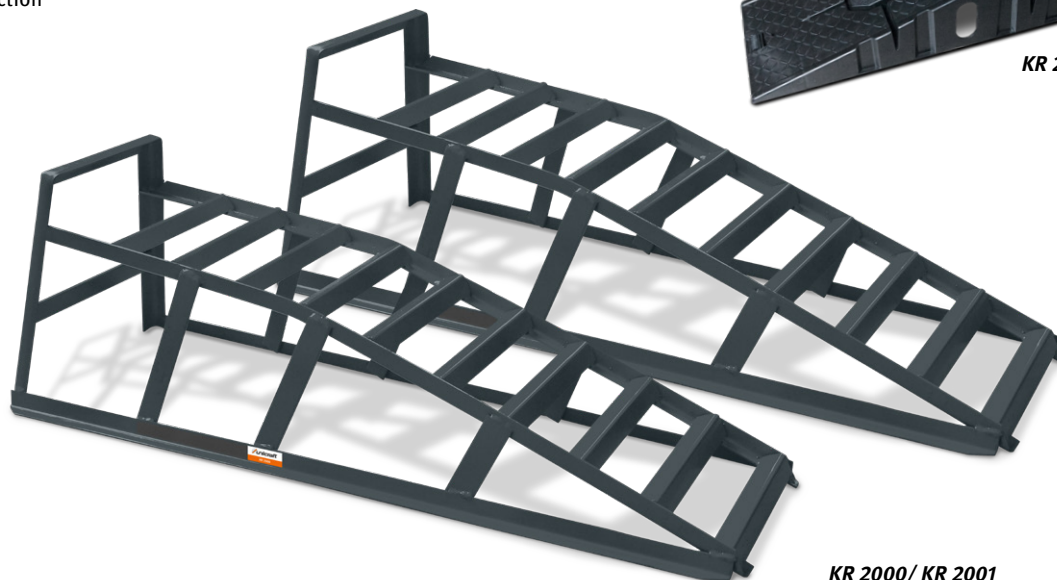
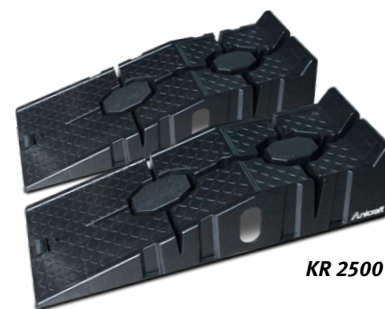
- ▶ Stable design
- ▶ Robust welded steel construction
- ▶ Drive-on width up to 185 mm

KR 2001

- ▶ Stable design
- ▶ Robust welded steel construction
- ▶ Drive-on width up to 225 mm

KR 2500

- ▶ Stackable to save space
- ▶ Plastic car ramp
- ▶ With particularly large drive-on width (240 mm)



Model		KR 2000	KR 2001	KR 2500
Art. no.		6202000	6202001	6202005
Technical data				
Load capacity	t	2/pair	2/pair	2.5/pair
Tyre width max.	mm	185	225	240
Dimensions (L x W x H) approx.	mm	830 x 310 x 270	910 x 360 x 270	900 x 295 x 220
Weight approx.	kg	5.5/ piece	7.9/ piece	4/ piece
Scope of delivery		2 pcs.	2 pcs.	2 pcs.

Jack stands, series UB

- ▶ For protection when working under the raised vehicle
- ▶ Robust welded construction with V-stamp
- ▶ Wide levelling feet: gentle on workshop floors, asphalt or other surfaces

Scope of delivery:
▶ 2 jack stands



Model		UB 3000	UB 6000
Art. no.		6201300	6201301
Technical data			
Load capacity	t/Bock	3	6
Min. height	mm	276	388
Max. height	mm	420	580
Grid steps		10	12
Floor space	mm	201 x 182	285 x 250
Weight approx.	kg/pair	6.4	13.8

Jack stands, series UBK – foldable

- ▶ For protection when working under the raised vehicle
- ▶ Wide levelling feet: gentle on the floor

Scope of delivery:
▶ 2 jack stands



Model		UBK 3000
Art. no.		6201305
Technical data		
Load capacity	t/Bock	3
Min. height	mm	285
Max. height	mm	400
Grid steps		4
Floor space	mm	240 x 240
Weight approx.	kg/pair	4

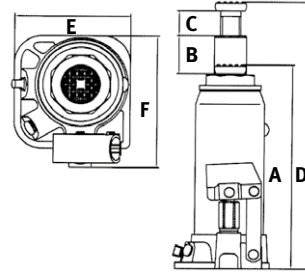
Hydraulic bottle jacks

Hydraulic bottle jack HSWH - Car lift with extremely resilient cylinder

- ▶ Extremely stable and resistant to tipping due to large base plate made of special casting
- ▶ Smooth-running, two-piece pump rocker arm with fit for valve control
- ▶ Particularly robust thanks to reinforced walls,
- ▶ stable and durable
- ▶ Very low base height
- ▶ Unscrewable plunger for additional height adjustment
- ▶ Stamp plate ribbed for secure support

Model		HSWH 30	HSWH 50
Art. no.		6200003	6200005

Technical data			
Load capacity	t	3	5
Height min (A)	mm	188	207
Lift height (D) approx.	mm	363	402
Stroke (B) approx.	mm	115	125
Fitting height (C) approx.	mm	60	70
Shelf space (E x F) approx.	mm	108.5 x 87	117 x 97
Weight approx.	kg	2.8	3.7



Hydraulic bottle jack, series HSWH TOP

- ▶ Swivelling lifting column, tilt-resistant base plate
- ▶ Rotatable pump tilt lever that can be operated from any position
- ▶ Particularly durable due to reinforced walls
- ▶ High-quality weld seams and screw connections
- ▶ Extension screw provides additional lifting height
- ▶ Stop protection prevents the plunger from blocking
- ▶ Safety valves to prevent overloading of the cylinder and unintentional adjustment



> 2-way extendable telescopic pump handle



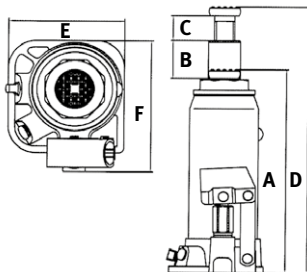
> From HSWH 20 TOP: Rotatable carrying handle



> The lifters can also be used horizontally



> Rotatable pump tilt lever that can be operated from any position



Scope of delivery:

- > Pump lever
- > Carrying handle (HSWH 20 TOP & HSWH 30 TOP)

Model		HSWH 5 TOP	HSWH 10 TOP	HSWH 20 TOP	HSWH 30 TOP
Art. no.		6211005	6211010	6211020	6211030

Technical data					
Load capacity	t	5	10	20	30
Min. height (A)	mm	212	219	234	242
Lift height (D)	mm	437	444	459	467
Stroke (B)	mm	150	150	150	150
Fitting height (C) approx.	mm	75	75	75	75
Shelf space (E x F) approx.	mm	125 x 75	144 x 90	172 x 120	196 x 144
Weight approx.	kg	4.5	6.4	10.6	15.5

RWH - Trolley jack

- ▶ Cast iron load and swivel rollers

RWH 2.51

- ▶ Attachment piece for extending of the saddle included
- ▶ QUICK LIFT function: with only one stroke at the attachment point of the vehicle



RWH 2.1



QUICK LIFT function
RWH 2.51 Extendable saddle makes work easier on the vehicle

RWH 2.51

Model		RWH 2.1	RWH 2.51
Art. no.		6201099	6201128
Load capacity	t	2	2.5
Underride height min.	mm	135	150
Final height max.	mm	340	530
Dimensions (L x W x H) approx.	mm	447 x 196 x 135	625 x 242 x 158
Weight approx.	kg	8.7	18.7

SRWH 2501 EF/ SRWH 3003 EF – Trolley jack as extra-flat version especially for lowered and sporty flat vehicles

- ▶ Two-part pump lever with ergonomic handle ensures a firm grip and easy handling
- ▶ Quick-lift foot pedal for fast bridging of the empty stroke
- ▶ Cast iron load and swivel rollers
- ▶ Valve control via rotating pump lever
- ▶ Practical tool tray
- ▶ Extra wide surface of the support plate with rubber pad
- ▶ With double piston, so fewer pumping operations up to the maximum final height necessary



› Quick-Lift function with double piston



SRWH 2501 EF

SRWH 3003 EF



› Extra wide surface of the support plate with rubber pad



› Practical tool tray
› Quick-lift foot pedal for fast bridging of the empty stroke

Model		SRWH 2501 EF	SRWH 3003 EF
Art. no.		6201129	6201124
Load capacity	t	2.5	3
Stroke max.	mm	410	420
Underride height min.	mm	85	78
Final height max.	mm	495	510
Width inside / outside	mm	233 / 343	262 / 344
Length max.	mm	1695	1810
Dimensions (L x W x H) approx.	mm	660 x 343 x 221	685 x 344 x 223
Weight approx.	kg	28.2	33

Accessory	Art. no.
Cross member	6201139

Trolley jacks

SRWH 3000 QL – Special trolley jack with QUICK-LIFT function

- ▶ Two-part pump lever with rubber grip for safe and easy lifting of the load
- ▶ Valve control via rotating pump lever
- ▶ Cast iron load and swivel rollers
- ▶ Extra wide surface of the support plate



› Quick-Lift function with double piston

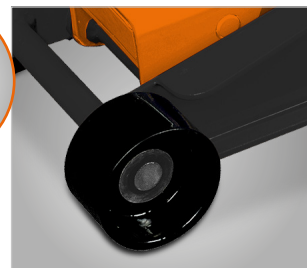
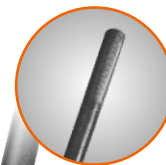


› with just one stroke using the foot lever at the vehicle's attachment point

Model		SRWH 3000 QL
Art. no.		6201103
Load capacity	t	3
Lifting height max.	mm	355
Underride height min.	mm	145
Underride height max.	mm	180
Final height max.	mm	500
Dimensions (L x W x H) approx.	mm	685 x 346 x 180
Weight approx.	kg	37.2

SRWH 3001 SIL - Special manoeuvring jack

- ▶ With extra low saddle profile good for lowered cars
- ▶ Easy lifting up to the attachment point by foot lever or hand lever
- ▶ Slow, safe lowering when loaded
- ▶ Practical integrated tool tray with rubber mat
- ▶ Large support disc with rubber pad for gentle support, protects lifting point and vehicle



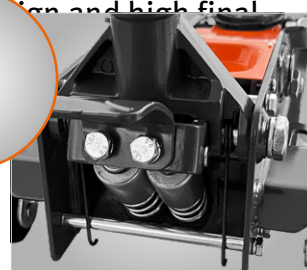
› Equipped with polyurethane rollers, floor-friendly and quiet

Model		SRWH 3001 SIL
Art. no.		6201121
Load capacity	t	3.0
Lifting height max.	mm	340
Underride height min.	mm	120
Underride height max.	mm	158
Final height max.	mm	460
Dimensions (L x W x H) approx.	mm	628 x 343 x 158
Weight approx.	kg	30.5

Accessory	Art. no.
Cross member	6201139

SRWH 2500 LFH / SRWH 3000 LFH – Special trolley jack with double piston and high final height

- ▶ Extra low saddle profile - good for lowered cars
- ▶ The extra-long design makes it particularly suitable for long frames
- ▶ Double piston; therefore fewer pumping operations up to the max. final height
- ▶ Slow, safe lowering when loaded
- ▶ Large support plate with rubber attachment for gentle support protects the lifting point and vehicle



› Quick-Lift function with double piston

Model		SRWH 2500 LFH	SRWH 3000 LFH
Art. no.		6201126	6201127
Load capacity	t	2.5	3
Lifting height max.	mm	425	470
Underride height min.	mm	75	110
Final height max.	mm	500	580
Dimensions (L x W x H) approx.	mm	685 x 344 x 150	805 x 355 x 172
Weight approx.	kg	32.4	48.5

SRWH 3000 LFH

Accessory	Art. no.
Cross member	6201139

SRWH 2000 LF DS – Special trolley jack with particularly flat design

- ▶ With sturdy, cylindrical PU roller tyres for particularly smooth running
- ▶ Extra flat, suitable for lowered cars
- ▶ Valve control via internal linkage and rotary knob in the pump lever
- ▶ Slow, safe lowering when loaded
- ▶ Convenient and easy lifting thanks to hydraulics and long lever
- ▶ Rubber pad protects saddle and vehicle
- ▶ Wide surface of the support disc

Model		SRWH 2000 LF DS
Art. no.		6201125
Load capacity	t	2
Lifting height max.	mm	430
Underride height min.	mm	70
Final height max.	mm	500
Dimensions (L x W x H) approx.	mm	822 x 360 x 214
Weight approx.	kg	43



RWHA 1502/ RWHA 2501 – Lightweight aluminium trolley jack for sporty low-slung vehicles

- ▶ Light, robust Aluminium construction
- ▶ Two-part pump lever with foam grip ensures a firm grip and easy handling
- ▶ Extra flat, particularly suitable for lowered cars
- ▶ With double piston, so fewer pumping operations up to the maximum final height necessary
- ▶ Valve control via rotating pump lever
- ▶ Slow, safe lowering when loaded
- ▶ With sturdy, cylindrical load roller
- ▶ Rubber pad protects saddle and vehicle



Model		RWHA 1502	RWHA 2501
Art. no.		6201135	6201136
Load capacity	t	1.5	2.5
Lifting height max.	mm	260	395
Underride height min.	mm	90	90
Final height max.	mm	350	485
Width inside / outside	mm	145 / 240	280 / 300
Length max.	mm	1440	1810
Dimensions (L x W x H) approx.	mm	500 x 240 x 132	660 x 300 x 162
Weight approx.	kg	14	27

Accessories	Art. no.
Cross member	6201139

Special trolley jacks

SRWH 5000 LH / 10000 LH –Special trolley jack with foot pedal for high load capacities

- ▶ Particularly long design ensures extra stability
- ▶ Additional foot pedal for lifting with quick lift
- ▶ Robust construction
- ▶ Steel load rollers and swivel rollers
- ▶ Slow and safe lowering when loaded thanks to large support plate
- ▶ Valve control via internal linkage with rotary knob
- ▶ Rubber-coated T-handle for easy manoeuvring



Model		SRWH 5000 LH	SRWH 10000 LH
Art. no.		6201150	6201155
Load capacity	t	5	10
Stroke	mm	535	525
Final height	mm	685	685
Underride height min./ max.	mm	150 / 685	160 / 685
Width inside / outside	mm	245 / 366	270 / 494
Length max.	mm	1505	1637
Dimensions (L x W x H) approx.	mm	1505 x 366 x 200	1637 x 494 x 249
Weight approx.	kg	89	133

Adjustable crossbeam for trolley jack

- ▶ Increases the stability of the vehicle and jack
- ▶ Sturdy steel construction
- ▶ Extendable up to 940 mm length
- ▶ Adjustable height of the support surface
- ▶ Can be used from all sides of the vehicle

Model		Crossbeam for trolley jack
Art. no.		6201139
Load capacity	t	2
Length min./ max.	mm	710 / 940
Safety chain length	mm	235
Support surface (L x W)	mm	120 x 120
Support surface height adjustment	mm	55
Dimensions (L x W x H) approx.	mm	710 x 140 x 125
Weight approx.	kg	12.3



application

Scope of delivery:
 ▶ Threaded screw size
 M 24 x 1.5 mm



Note:
 Remove the saddle for mounting the cross member

Special trolley jack series WWH - Pneumatic-hydraulic workshop jack

- ▶ Controlled, safe lifting and lowering
- ▶ For operation with compressed air from an external generator
- ▶ Hard chrome-plated pistons with extra smooth surface
- ▶ Compact design
- ▶ With sturdy rollers made of PU-coated cast iron
- ▶ T-handle for easy manoeuvring
- ▶ With practical carrying handle on the housing
- ▶ The two cast iron attachment pieces can be used individually or stacked on top of each other to extend the lifting height



> 3-stage version

WWH 50002 PH

WWH 60000 PH

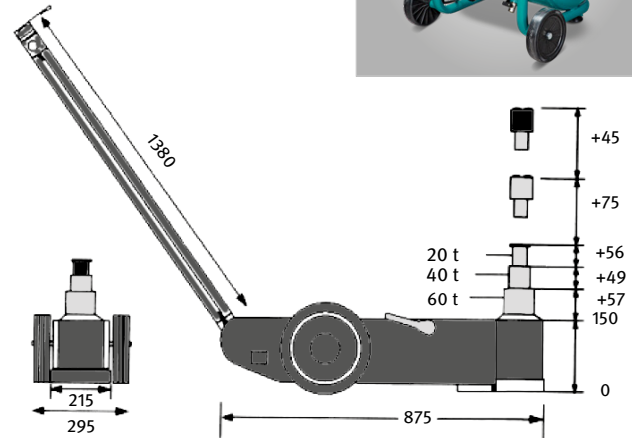


WWH 30002 PH

Scope of delivery:

- > Cast iron top piece, 45 mm
- > Cast iron top piece, 75 mm

New



WWH 60000 PH Dimensions and load capacity



> Intuitive safety rotary head with compressor connection



> Illustration shows optionally available (aircraft) compressor with compressed air set

! Suitable compressors can be found in the AIRCRAFT main catalogue and on www.aircraft-kompressoren.com



Model		WWH 30002 PH	WWH 50002 PH	WWH 40003 PH	WWH 60000 PH
Art. no.		6201132	6201130	6201131	6201112
Technical data					
Load capacity (lower lifting height)	t	30	50	40	60
Load capacity (medium lifting height)	t	15	25	20	40
Load capacity (upper lifting height)	t	–	–	10	20
Lifting height (upper lifting height)	t	–	–	10: 284	20: 312
Lifting height (medium lifting height)	mm	293	25: 444	20: 231	40: 256
Lifting height (lower lifting height)	mm	224	50: 330	40: 182	60: 207
Height of top pieces	mm	45 / 75	73 + 80	75 + 45	75 + 45
Underride height	mm	150	215	125	150
Operating pressure	bar	9–12	9-12	9-12	8-12
Air requirement	l / stroke	61	113	110	97
Dimensions (L x W) approx.	mm	503 x 150	805 x 282	830 x 295	875 x 295
Weight approx.	kg	32	73	44	64

Tyre fitting trolley

New

WOD 70 / WOD 70 SC oil collecting devices - For a quick and clean oil change

- ▶ Perfectly suited for car oil changes
- ▶ Height-adjustable hopper - adjustable for comfortable working in any position
- ▶ Compressed air connection - allows the used oil to be emptied using air pressure
- ▶ Air regulator and safety valve installed to prevent overpressurisation
- ▶ Integrated riser tube for the current oil level
- ▶ Ideal for professional use in vehicle workshops and in the DIY sector
- ▶ Robust oil drip tray with 4 sturdy rollers for effortless manoeuvring

- WOD 70 SC**
- ▶ Integrated suction function, perfect for hard-to-reach drain plugs
 - ▶ Faster oil change than with the normal oil draining process

- ▶ Precise determination of oil quantity and condition thanks to transparent measuring cup during suction"

Scope of delivery WOD 70 SC:

- > 1x nylon dipstick probe 6 mm, length 710 mm
- > 1x nylon dipstick probe 8 mm, length 710 mm
- > 1x copper dipstick probe 6 mm, length 710 mm

Model		WOD 70	WOD 70 SC
Art. no.		6206005	6206010
Technical data			
Tank volume	l	70	68
Measuring cup volume	l	-	10
Funnel height	mm	140	140
Funnel diameter	mm	350	400
Volume flow suction	l/min	-	0.6 - 1.6
Drain hose length	m	1.9	1.9
Suction hose length	m	-	1.4
Drain hose diameter	mm	25	19
Dimensions (L x W x H) approx.	mm	495x495x1400 - 1900	595x595x1500 - 1850
Weight (net) approx.	kg	23	22.5



WOD 70

WOD 70 SC

RMW 250 tyre mounting trolley - For ergonomic manoeuvring of wheels

- ▶ Sturdy tubular steel construction
- ▶ For picking up and transporting tyres and rims without straining your back
- ▶ Tyres easy to control thanks to rotating support rollers
- ▶ 3-way adjustable wheel support
- ▶ Ideally suited for tyre dealers, garages and haulage companies



> for adjusting the wheel to the wheel hub and transporting it

Model		RMW 250
Art. no.		6201160
Technical data		
Min. / max. tyre width	mm	240 / 570
Min. / max. tyre diameter	mm	250 / 800
Max. load	kg	250
Dimensions (L x W x H) approx.	mm	1160 x 702 x 251
Weight approx.	kg	11.5



Multifunctional table MFT 35 -

Versatile multifunctional table for the automotive sector

- ▶ Impact protection at all important contact points to protect sensitive areas, e.g. bodywork and wheel rims
- ▶ Perfect for storing tools, screws and spare parts during repairs
- ▶ Table can be folded down by 90°
- ▶ Storage table loadable up to 35 kg
- ▶ 15-position height adjustment in 25 mm hole pattern
- ▶ Two parking brakes on the rollers ensure a secure stand
- ▶ Sturdy welded construction
- ▶ Perfect for transporting tyres and oil drums, for example, in conjunction with the storage shelf available as an accessory



- › Impact protection at all important contact points to protect sensitive areas, e.g. bodywork and wheel rims
- › Two parking brakes on the rollers ensure a secure stand



- › Perfect for storing tools, screws and spare parts during repairs



- › Table can be folded down by 90°
- › Shown shelf available as an accessory - for transporting tyres and oil drums, for example

Model		MFT 35
Art. no.		6201910
Technical data		
Storage table Load capacity	kg	35
Storage table dimensions (L x W x H)	mm	750 x 522 x 28
Height min. – max.	mm	950 – 1300
Hole grid spacing	mm	25
Number of hole patterns		15
Load castor diameter	mm	45
Load castor width	mm	45
Dimensions (L x W x H)	mm	760 x 740 x 1,300
Weight approx.	kg	17.5

Spring tensioners

Spring tensioner SFS 1000 D – For quick and secure tensioning of chassis springs

- ▶ Up to 1000 kg clamping force
- ▶ Ideal for tensioning suspension struts
- ▶ Convenient operation thanks to pneumatic actuation via foot pedal
- ▶ Extremely safe thanks to robust safety cage
- ▶ Mounting jaws infinitely adjustable to the desired spiral diameter
- ▶ Easy to transport thanks to attached transport rollers and handle
- ▶ Tool-free jaw change



› Extremely safe thanks to robust safety cage



› Operation via foot pedal



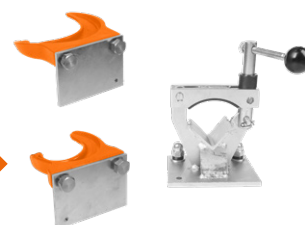
› Continuously adjustable jaws



Model		SFS 1000 D
Art. no.		6201220

Technical data		
Connection thread	"	NPT 3/8
Frame material		Steel
Operating pressure	bar	8
Clamping force max.	kg	1000
Stroke length	mm	420
Spring diameter	mm	102 – 165
Dimensions (L x W x H) approx.	mm	830 x 580 x 1420
Weight approx.	kg	63.5

- Scope of delivery:**
- › Small and large clamping jaw
 - › One vice jaw



HOISTS / SCALE



Universal wire rope hoists/electric wire rope winch

Universal rope hoists, USZ series –

for lifting, pulling and lashing work with a tensile load of up to 3.2 tonnes

- ▶ Low dead weight due to aluminium alloy housing
- ▶ Virtually maintenance-free
- ▶ Can be used horizontally and vertically



Scope of delivery:
 > Hand lever
 > 20 m wire cable with tip and hook on reel

Model	USZ 801	USZ 1601	USZ 3201
Art. no.	6171608	6171616	6171632
Technical data			
Load capacity	0.8 t	1.6 t	3.2 t
Lever length	160 mm	200 mm	200 mm
Leverage force at nominal load	383 N	400 N	441 N
Cable diameter	8.3 mm	11 mm	16 mm
Rope length	20 m	20 m	20 m
Dimensions (L x W x H) approx.	430 x 101 x 240 mm	556 x 120 x 270 mm	666 x 150 x 320 mm
Weight approx.	14 kg	26.5 kg	46.5 kg

Electric wire rope winch, series ESW –

For vehicle use, e.g. for pulling in machines over a ramp into a van

- ▶ Compact and robust
- ▶ Adjustable slip clutch for protection of the winch against overload
- ▶ Operation by hand crank or via wired remote control



Scope of delivery ESW 901:
 > Lifting hook with pulley
 > Hand crank
 > Mounting plate
 > Power cable with battery terminals 4.5m
 > Remote control with 3 m cable

Model	ESW 901	ESW 1360
Art. no.	6199090	6199136
Technical data		
Load capacity	900 kg	1360 kg
Rope length	9 m	9 m
Lifting speeds	1.82 m/min	1.22 m/min
Cable diameter	5.1 mm	5.6 mm
Cable length control unit	3 m	3 m
Current voltage	12 V DC	12 V DC
Power	300 W	480 W
Protection class	IP 54	IP 54
Dimensions (L x W x H) approx.	260 x 260 x 202 mm	270 x 290 x 205 mm
Weight approx.	11 kg	15 kg



Scope of delivery ESW 1360:
 > Hand crank
 > Mounting plate
 > Power cable with battery terminals 4.5m
 > Remote control with 3 m cable

Electric cable winches/wall-mounted swivel arms

Electric wire rope winch, series ESW - with max. 30 m lifting height

- ▶ Cable guide pulley supports the winding of the cable
- ▶ New bearing increases the service life of the motor
- ▶ With quick-release coupling for immediate use without time-consuming assembly
- ▶ A idler pulley doubles the lifting force

Model	ESW 500	ESW 800
Art. no.	6199500	6199800
Technical data		
Lifting force with/without pulley	250/500 kg	400/800 kg
Max. stroke without/with idler pulley	30/15 m	30/15 m
Lifting speed without idler pulley	8 m/min	8 m/min
Lifting speed with idler pulley	4 m/min	4 m/min
Cable diameter	4 mm	5 mm
Cable length control unit	5 m	5 m
Motor power	1 kW 230 V/~50 Hz	1.3 kW 230 V/~50 Hz
Dimensions (L x W x H) approx.	310 x 330 x 440 mm	310 x 330 x 440 mm
Total weight approx.	30 kg	32 kg



ESW 500

Wall-mounted swivel arm series WSA-2

- ▶ Suitable for electric wire rope hoists from the MES series, among others
- ▶ For attaching to round rods or tubes

Model	WSA 300-1100-2	WSA 600-750-2	WSA 1000-750-2
Art. no.	6198605	6198606	6198607
Technical data			
Max. load capacity	300 kg	600 kg	1000 kg
Spindle - column distance	1100 mm	750 mm	750 mm
Total weight	8.4 kg	6.1 kg	9.3 kg
Distance from upper to lower attachment point	450 mm	380 mm	380 mm
For models	MES 250-2/600-2	MES 250-2/600-2	MES 999-2



- ▶ Vertical bar not included in the scope of delivery! (required pipe diameter 48 mm)

MES H series - Mini electric wire cable hoists

- ▶ Integrated transport handle for mobile use
- ▶ Pulley with load hook
- ▶ Two double clamps for easy installation
- ▶ Control unit insulated to IP 54
- ▶ Limit switch for immediate switch-off in the upper and lower end positions

Model	MES 250-2 H	MES 600-2 H	MES 1000-2 H
Art. no.	6198325	6198360	6198399
Technical data			
Lifting force with/without pulley	125 / 250 kg	300 / 600 kg	500 / 999 kg
Motor power ~50 Hz	500 W / 230 V	1050 W / 230 V	1600 W / 230 V
Lifting with/without idler pulley	12 / 6 m	12 / 6 m	12 / 6 m
Max. lifting speed without/with idler pulley	8 / 4 m/min	8 / 4 m/min	8 / 4 m/min
Cable diameter	3 mm	4.5 mm	6 mm
Internal dimensions of fixing clamps	46 x 46 mm	46 x 46 mm	60 x 60 mm
Dimensions (L x W x H) approx.	400 x 140 x 200 mm	445 x 154 x 220 mm	536 x 187 x 260 mm
Weight approx.	11 kg	17.5 kg	33 kg



MES 1000-2 H

Quick-release fasteners for MES

Model	MES 250-2	MES 600-2	MES 999-2	Art. no.
Quick-release clamps, round	X			6198615
Quick-release clamps, round		X		6198616
Quick-release clamps, round			X	6198617
Quick-release clamps, square	X			6198620
Quick-release clamps, square		X		6198621
Quick-release clamps, square			X	6198622



Quick-release clamps, round

Quick-release clamps, square

Lever hoists/chain hoists

Barrel lifting clamp FHK 1 - for the safe transport of steel barrels with beading

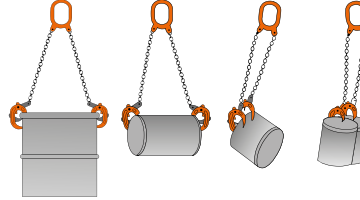
- ▶ Suitable for picking up standing and lying barrels and for righting a lying barrel

Model		FHK 1
Art. no.		6172010

Technical data		
Load capacity	t	1
Gripping range	mm	0 – 25
Eyelet inside width/height	mm	62 / 85
Distance from eyelet suspension / gripping point	mm	690
Lifting clamp length	mm	120
Chain nominal thickness	mm	6
Weight approx.	kg	3.6

Sturdy chain construction with gripping hook for picking up drums

Application examples:



Chain hoists K - Manual version for lifting loads

- ▶ Robust sheet steel housing
- ▶ Closed safety design
- ▶ Easy to operate with little effort
- ▶ Swivelling load and suspension hook

Model		K 1000	K 2000	K 3000	K 5000	K 10000
Art. no.		6202101	6202102	6202103	6202105	6202110

Technical data						
Load capacity	t	1	2	3	5	10
Stroke	mm	2500	2500	3000	3000	3000
Distance hook to hook min.	mm	300	380	470	600	730
Lifting force	N	330	330	390	420	450
Number of chain strands		1	2	2	2	4
Weight approx.	kg	9.4	12.4	21.7	35	65



K 1000

Chain hoists K - Manual version for lifting loads

- ▶ Increased efficiency and reduced friction losses thanks to hardened gears and pinions on roller bearings
- ▶ Drop-forged, swivelling load and suspension hooks with safety catch
- ▶ Load chain according to DIN ISO 3077
- ▶ High-strength, painted steel housing



www.tuv.com
ID: 1419076976

Model		K 1001	K 2001	K 3001	K 5001	K 10001
Art. no.		6171001	6171002	6171003	6171005	6171010

Technical data						
Load capacity	t	1	2	3	5	10
Stroke	m	3	3	3	3	3
Manual force at nominal load	N	320	365	385	435	435
Number of chain strands		1	1	2	3	3
Dimensions (L x W x H) approx.	mm	162 x 147 x 317	194 x 170 x 414	220 x 170 x 465	288 x 190 x 636	384 x 190 x 798
Weight approx.	kg	10.8	18	24.3	38.7	78



K 1001

Aluminium lever hoists HZ AL – extremely light and compact, for lifting, pulling, straightening and tensioning in all directions

- ▶ Reliable and safe braking system
- ▶ Brake and drive shaft with involute splines
- ▶ Equipped with finely toothed gearbox, therefore only low hand lever force required
- ▶ High-quality, galvanised and hardened load chain in accordance with EN 818-7
- ▶ Chain freewheel for quick pulling through and positioning of the unloaded chain
- ▶ Chain stroke length of 1.5 m; Easy and quick to adjust to the desired working position
- ▶ Aluminium housing, extremely light and compact
- ▶ Compact design with short lever
- ▶ Easy maintenance and installation

Model		HZ 250 AL	HZ 500 AL
Art. no.		6171103	6171105
Technical data			
Load capacity	t	0.25	0.5
Stroke	m	1.5	1.5
Manual force at nominal load	N	206	255
Lever length	mm	163	163
Minimum distance from suspension to load hook	mm	230	265
Inner diameter of load hook	mm	34	34
Dimensions (L x W x H) approx.	mm	94.5 x 84 x 230	100 x 99 x 265
Weight approx.	kg	2	3

Scope of delivery:
▶ practical bag for storage and transport



HZ lever hoists – For lifting and pulling loads

- ▶ Fast attachment of the load or pulling of the load chain in both directions thanks to chain freewheel control
- ▶ Safe load holding thanks to load pressure brake with asbestos-free brake discs
- ▶ Drop-forged, swivelling load and suspension hooks with safety catch
- ▶ Load chain according to DIN ISO 3077
- ▶ High-strength, painted steel housing
- ▶ Matching reel and roller trolleys available from Unicraft

Model		HZ 751	HZ 1501	HZ 3001
Art. no.		6171175	6171115	6171130
Technical data				
Load capacity	t	0.75	1.5	3
Stroke	m	1.5	1.5	1.5
Lever length	mm	290	420	420
Manual force at nominal load	N	140	220	320
Number of chain strands		1	1	1
Dimensions (L x W x H) approx.	mm	135 x 148 x 320	162 x 176 x	211 x 195 x 480
Weight approx.	kg	6.3	11	18.7



HZ lever hoists – For lifting and pulling loads

- ▶ Fast attachment of the load or pulling of the load chain in both directions thanks to chain freewheel control
- ▶ Safe load holding thanks to load pressure brake with asbestos-free brake discs
- ▶ Drop-forged, swivelling load and suspension hooks with safety catch
- ▶ Load chain according to EN 818-7
- ▶ High-strength, painted steel housing
- ▶ Compact design with short lever
- ▶ Matching reel and roller trolleys from Unicraft available

Model		HZ 752	HZ 1502	HZ 3002
Art. no.		6171176	6171116	6171131
Technical data				
Load capacity	t	0.75	1.5	3
Stroke	m	1.5	1.5	1.5
Manual force at nominal load	N	147	295	304
Lever length	mm	250	270	430
Inner Ø of load hook		40	45	55
Dimensions (L x W x H) approx.	mm	160 x 133 x 320	182 x 157 x 380	207.5 x 210 x 490
Weight approx.	kg	7.1	10.8	23.3



Chassis/clamps

Chain hoist K AL – Manual aluminium chain hoist for lifting loads

- ▶ Closed housing made of high-strength aluminium with lower weight
- ▶ Rotating load and suspension hook made of alloy steel with safety lock
- ▶ Double pawl for safe and reliable operation
- ▶ Extremely firm end anchoring of the chain thanks to special precision casting



K 250 AL

Model		K 250 AL	K 500 AL
Art. no.		6171011	6171012
Load capacity	kg	250	500
Stroke	m	3	3
Manual force at nominal load	N	202	213
Dimensions (L x W x H) approx.	mm	100x59x260	118x64x320
Weight (net) approx.	kg	3.5	5.3

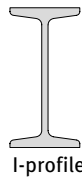
Winch with geared trolley, series HFW – with a load capacity of up to 5 tonnes

- ▶ No lateral movement on the spreader beam due to centric suspension of the pulley block
- ▶ Adjustment to the beam flange width is carried out by means of an eye traverse with mating thread
- ▶ Tilt protection as standard

Low overall height and compact design

For use on I-beams (DIN 1025-1)

Smooth running due to ball bearings



I-profile

HFW 1

Application example (application on the I-beam)



Model		HFW 0.5	HFW 1	HFW 2	HFW 3	HFW 5
Art. no.		6171800	6171801	6171802	6171803	6171805

Technical data			HFW 0.5	HFW 1	HFW 2	HFW 3	HFW 5
Load capacity	t		0.5	1	2	3	5
Chain length	m		3	3	3	3	3
Curve radius	m		0.5	0.7	0.9	1.2	1
Beam flange width	mm		55 - 220	58 - 220	66 - 220	74 - 220	90 - 220
Dimensions (L x W x H) approx.	mm		352.5 x 198 x 158	353.5 x 238 x 183	362 x 277 x 208	406.5 x 324 x 249	434.5 x 373 x 296.5
Weight approx.	kg		8.5	12.5	17	28	45

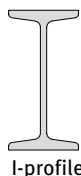
Roller trolleys series RFW – with a maximum load capacity of 5 tonnes

- ▶ No lateral movement on the spreader beam due to centric suspension of the pulley block
- ▶ Adjustment to the beam flange width is carried out by means of an eye traverse with mating thread
- ▶ Tilt protection as standard

Low overall height and compact design

For use on I-beams (DIN 1025-1)

Smooth running due to ball bearings



I-profile

RFW 1

Application example (application on the I-beam)



Model		RFW 0.5	RFW 1	RFW 2	RFW 3	RFW 5
Art. no.		6171700	6171701	6171702	6171703	6171705

Technical data			RFW 0.5	RFW 1	RFW 2	RFW 3	RFW 5
Load capacity	t		0.5	1	2	3	5
Curve radius	m		0.5	0.7	0.9	1.2	1
Beam flange width	mm		55-220	58-220	66-220	74-220	90-220
Dimensions (L x W x H) approx.	mm		285 x 198 x 158	300 x 238 x 183	300 x 277 x 208	328 x 324 x 249	354 x 373 x 296.5
Weight approx.	kg		5	8.8	14	23	40

SK series - screw terminals with swivel eye

- ▶ For lifting, transporting and aligning of sheet metal and steel beams
- ▶ Extremely durable, thanks to hardened steel
- ▶ Secure clamping due to large clamping surface - for a firm hold in every application



Model		SK 0.5-1	SK 1.5-1	SK 3-1
Art. no.		6172015	6172016	6172017

Technical data				
Load capacity	t	0.5	1.5	3
Gripping range	mm	0 – 28	0 – 32	0 – 50
Weight approx.	kg	0.8	4	6

SK series - screw terminals with double suspension

- ▶ Maximum flexibility thanks to dual suspension
- ▶ Extremely durable, thanks to hardened steel
- ▶ Spring-loaded clamping jaw with marking for maximum force during clamping



Model		SK 1-2	SK 2-2
Art. no.		6172020	6172021

Technical data			
Load capacity	t	1	2
Gripping range	mm	0 – 40	0 – 40
Weight approx.	kg	4.3	8.2

HKS series - Lifting clamps with swivel eyelet for lifting loads up to 5 tonnes

- ▶ For vertical lifting, 180° turning and lateral slinging of sheet metal, steel plates, beams and steel construction elements
- ▶ The minimum load is 20 % of the specified load capacity



HKS 1

Model		HKS 1	HKS 2	HKS 3	HKS 5
Art. no.		6172001	6172002	6172003	6172005

Technical data					
Load capacity	t	1	2	3	5
Gripping range	mm	0 – 20	0 – 25	0 – 30	0 – 50
Weight approx.	kg	5	8	15	23

TK series - Beam clamps with a load capacity of up to 5 tonnes

- ▶ Central spindle mechanism for easy attachment to the carrier with a firm, secure fit
- ▶ Suitable for holding lifting gear, idler pulleys and loads
- ▶ Flexible handling thanks to wide adjustment range
- ▶ For quick creation of an anchoring point



TK 1

Model		TK 1	TK 2	TK 3	TK 5
Art. no.		6171901	6171902	6171903	6171905

Technical data					
Load capacity	t	1	2	3	5
Beam flange width	mm	75 – 220	75 – 220	80 – 320	80 – 320
Flange thickness	mm	20	20	30	30
Weight approx.	kg	3.8	4.6	9	11

Electric chain hoists series EKZT-1 – for load capacities of up to 500 kg

- ▶ Extremely light thanks to aluminium housing
- ▶ Equipped with brushless electric motor
- ▶ Protection against surge, overheating and overload
- ▶ Double safety thanks to mechanical-electrical brake
- ▶ Suspension of the chain hoist using rotating support hooks



Model		EKZT 250-1	EKZT 500-1
Art. no.		6194525	6194550

Technical data			
Load capacity		250 kg	500 kg
Stroke		3 m	3 m
Max. lifting speed		3 m/min	4 m/min
Cable length control unit		6 m	6 m
Load chain dimensions		4.0 x 12 mm	5.0 x 15 mm
Output power ~ 50 Hz		320 W / 230 V	850 W / 230 V
Dimensions (L x W x H) approx.		350 x 200 x 380 mm	395 x 220 x 430 mm
Weight approx.		10.5 kg	13.5 kg

Electric chain hoists

Electric chain hoists series EKZT-1-

with one lifting speed and a maximum load capacity of up to 2 tonnes

- ▶ Suspension of the chain hoist using suspension hooks
- ▶ Overload protection through slipping clutch
- ▶ Integrated operating limit switch
- ▶ Safe storage of the chain thanks to standard chain box
- ▶ Control of the chain hoist via operating cylinder
- ▶ Operating cylinder pre-equipped for connecting and controlling the appropriate UNICRAFT electric trolley (please note recommendation)

Drive unit FEM/ISO 2m/M5 corresponds to 1600 full-load service hours

Load chains type G80 according to DIN EN-818-7

Siemens electric

One lifting speed

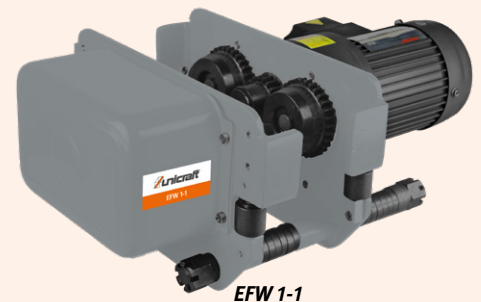


Model		EKZT 5-1	EKZT 10-1	EKZT 20-1
Art. no.		6194005	6194010	6194020
Technical data				
Load capacity	t	0.5	1	2
Stroke	m	6	6	6
Lifting speed(s)	m/min	7.7	5.1	2.6
Cable length operating bottle	m	6	6	6
Number of chain strands		1	1	2
Input power ~50 Hz	kW/ V	1.2 / 400	1.4 / 400	1.4 / 400
Dimensions (L x W x H) approx.	mm	636 x 276 x 410	636 x 275 x 460	636 x 276 x 650
Weight approx.	kg	49	54.3	68.5
Matching electric trolley		EFW 1-1	EFW 1-1	EFW 2-1

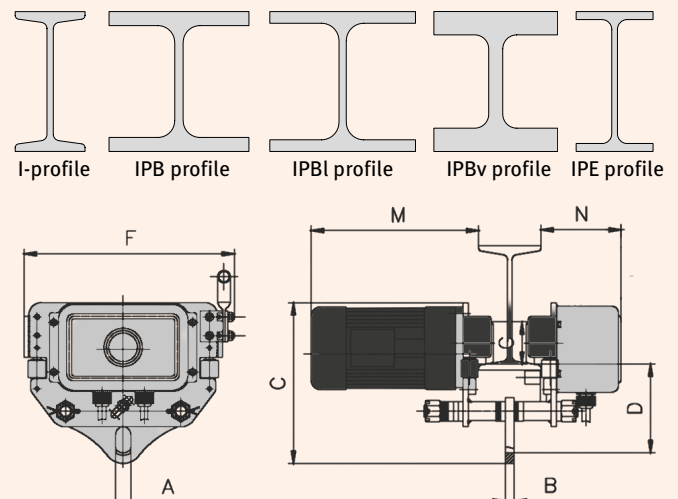
Accessories for electric chain hoists

Electric trolleys series EFW-1 – with one driving speed and a maximum load capacity of up to 2 tonnes

- ▶ Power connection and control of the trolley via the control box of the associated electric chain hoist
- ▶ Suitable for beams with profile types I, IPB, IPBI, IPBv and IPE and corresponding beam flange width
- ▶ **EFW 1-1**
▶ Suitable for electric chain hoists **EKZT 5-1** and **EKZT 10-1**
- ▶ **EFW 2-1**
▶ Suitable for electric chain hoist **EKZT 20-1**



Model		EFW 1-1	EFW 2-1
Art. no.		6194310	6194320
Technical data			
Load capacity	t	1	2
Beam flange width	mm	74 – 140	74 – 140
Wheel diameter	G mm	68	75
Travelling speed	m/min	13.5	13.5
Input power ~50 Hz	kW/V	0.4 / 400	0.6 / 400
Protection class		IP 54	IP 54
Width of the mounting eyelet	A mm	24	30
Mounting plate thickness	B mm	14	14
Distance between eyelet to contact surface	D mm	145	140
Overhang of motor	M mm	310	312
Overhang of switch box	N mm	135	135
Dimensions (L x W x H) approx.	mm	715 x 340 x 260	722 x 340 x 280
Weight approx.	kg	26	36



Electric chain hoists series EKZT-2 – with two lifting speeds and a maximum load capacity of up to 3 tonnes

- ▶ Suspension of the chain hoist using suspension hooks
- ▶ Overload protection through slipping clutch
- ▶ Integrated operating limit switch
- ▶ Safe storage of the chain thanks to standard chain box
- ▶ Control of the chain hoist via operating cylinder
- ▶ Operating cylinder pre-equipped for connecting and controlling the appropriate UNICRAFT electric trolley (please note recommendation)

Drive unit FEM/ISO 2m/M5 corresponds to 1600 full-load service hours

Load chains type G80 according to DIN EN-818-7

Siemens electrics

Two lifting speeds



Model		EKZT 5-2	EKZT 10-2	EKZT 20-2	EKZT 30-2
Art. no.		6194105	6194110	6194120	6194130
Technical data					
Load capacity	t	0.5	1	2	3
Stroke	m	6	6	6	6
Lifting speed(s)	m/min	7.7/2.2	5.1/1.8	2.6/0.95	6.0/2.0
Cable length control unit	m	6	6	6	6
Number of chain strands		1	1	2	1
Absorption capacity P1/P2	kW	1.2/0.4	1.4/0.46	1.4/0.46	3.0/1.0
Power connection ~50 Hz	V	400	400	400	400
Dimensions (L x W x H) approx.	mm	641 x 276 x 410	661 x 276 x 460	661 x 276 x 650	807 x 430 x 525
Weight approx.	kg	57	66.3	82	132
Matching electric trolley		EFW 1-2	EFW 1-2	EFW 2-2	EFW 3-2

Accessories for electric chain hoists

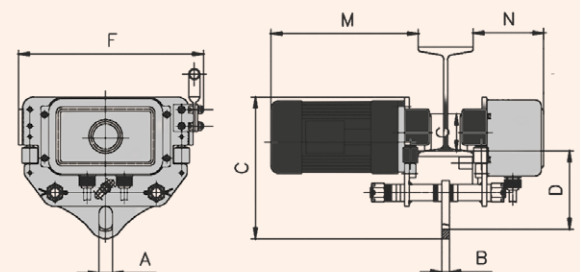
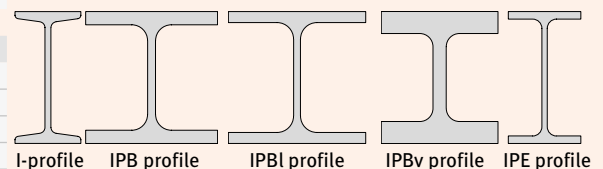
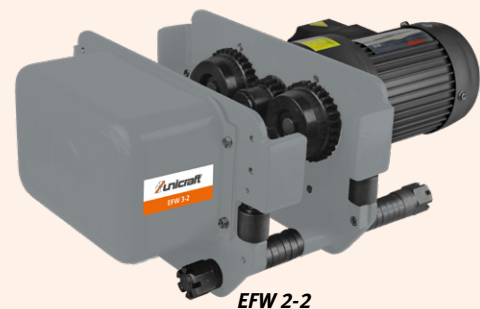
Electric trolleys series EFW-2 – with two travelling speeds and a maximum load capacity of up to 3 tonnes

Suitable for many carrier types, with two travelling speeds

- ▶ Power connection and control of the trolley via the control box of the associated electric chain hoist
- ▶ Suitable for beams with profile types I, IPB, , IPBL, IPBv and IPE and corresponding beam flange width

- EFW 1-2**
- ▶ Suitable for electric chain hoists **EKZT 5-2** (Art. no.: 6194105) and **EKZT 10-2** (Art. no.: 6194110)
- EFW 2-2**
- ▶ Suitable for electric chain hoist **EKZT 20-2** (Art. no.: 6194120)
- EFW 3-2**
- ▶ Suitable for electric chain hoist **EKZT 30-2** (Art. no.: 6194130)

Model		EFW 1-2	EFW 2-2	EFW 3-2
Art. no.		6194410	6194420	6194430
Technical data				
Load capacity	t	1	2	3
Beam flange width	mm	74 – 140	74 – 140	100 – 170
Wheel diameter	G mm	68	75	96
Travelling speed	m/min	6.7/20	6.7/20	18/6
Power consumption P1/P2	kW	0.4/0.167	0.6/0.23	0.6/0.23
Power connection ~50 Hz	V	400	400	400
Protection class		IP 54	IP 54	IP 54
Width of the mounting eyelet	A mm	24	30	36
Mounting plate thickness	B mm	14	14	14
Distance between eyelet to contact surface	D mm	145	140	210
Overhang of motor	M mm	336	338	340
Overhang of switch box	N mm	135		138
Dimensions (L x W x H) approx.	mm	741 x 340 x 260	748 x 340 x 280	750 x 370 x 340
Weight approx.	kg	33	40	56



Electric chain hoists

Electric chain hoists series EKZT-2 –

with two lifting speeds and a maximum load capacity of up to 2 tonnes

- ▶ Overload protection through slipping clutch
- ▶ Integrated operating limit switch
- ▶ Helical gearbox for smooth and quiet operation
- ▶ High-strength load chain, good wear resistance and high safety factor
- ▶ Safe storage of the chain thanks to standard chain box
- ▶ Gearbox housing made of high-strength aluminium alloy for light weight, high strength and good corrosion resistance
- ▶ Overload protectionControl bottle pre-equipped for connection and control of the appropriate UNICRAFT electric trolley (note recommendation)

Helical gearbox for smooth and quiet operation

High-strength load chain, good wear resistance and high safety factor



EKZT 2003-2

Model		EKZT 503-2	EKZT 1003-2	EKZT 2003-2
Art. no.		6194440	6194441	6194442
Technical data				
Load capacity	t	0.5	1	2
Stroke	m	6	6	6
Lifting speed(s)	m/min	8/2	8/2	4/1
Cable length control unit	m	6	6	6
Drive group (FEM/ISO)	m/M5	2	2	2
Number of chain strands		1	1	1
Input power	kW	0.72/0.18	1.6/0.4	1.6/0.4
Power connection 400	V	400	400	400
Dimensions (L x W x H) approx.	mm	442 x 280 x 400	507 x 315 x 450	507 x 315 x 520
Weight approx.	kg	32	49	59
Matching electric trolley		EFW 1003-2	EFW 1003-2	EFW 2003-2

Accessories for electric chain hoists

Electric trolleys series EFW-2 – with two travelling speeds and a maximum load capacity of up to 2 tonnes

Suitable for many carrier types, with two travelling speeds

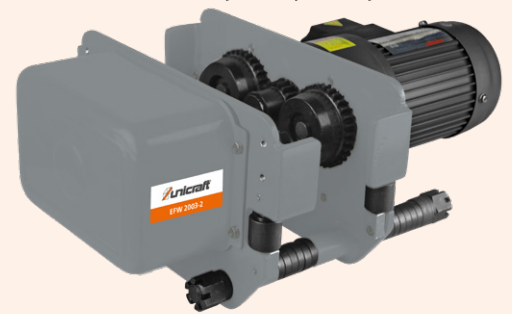
- ▶ Power connection and control of the trolley via the control box of the associated electric chain hoist
- ▶ Suitable for beams with profile types I, IPB, , IPBL, IPBv and IPE and corresponding beam flange width

EFW 1003-2

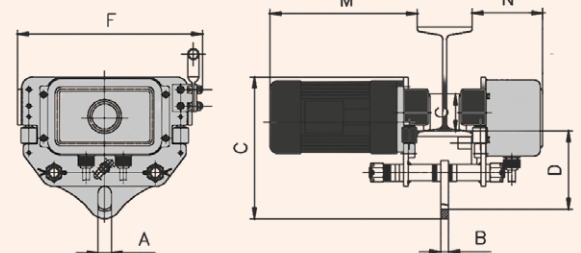
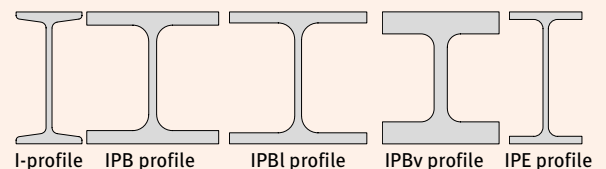
- ▶ Suitable for electric chain hoists EKZT 503-2 (Art. no.: 6194440)
- ▶ EKZT 1003-2 (Art. no.: 6194441)

EFW 2003-2

- ▶ Suitable for electric chain hoists EKZT 2003-2 (Art. no.: 6194442)



Model			EFW 1003-2	EFW 2003-2
Art. no.			6194451	6194452
Technical data				
Load capacity		t	1	2
Beam flange width		mm	74 – 180	74 – 180
Wheel diameter	G	mm	68	75
Travelling speed		m/min	6.7/20	6.7/20
Input power		kW	0.2/0.67	0.4/0.13
Power connection ~50 Hz		V	400	400
Protection class			IP 54	IP 54
Width of the mounting eyelet	A	mm	24	30
Mounting plate thickness	B	mm	14	14
Distance between eyelet to contact surface	D	mm	145	140
Overhang of motor	M	mm	336	338
Overhang of switch box	N	mm	135	135
Dimensions (L x W x H) approx.		mm	741 x 340 x 260	748 x 340 x 280
Weight approx.		kg	33	40



Steel winches SW series – with safety crank for lifting, holding and lowering work with a load capacity of up to 10 tonnes

- ▶ Load-bearing points on head and claw
- ▶ Low effort required to lift the load
- ▶ Lifting support housing with helical toothed rack
- ▶ Stable base for high stability
- ▶ Easy and safe operation thanks to two handles - also for easy transport
- ▶ Space-saving storage and transport thanks to foldable crank handle

Model	SW 30	SW 50	SW 100
Art. no.	6171203	6171205	6171210

Technical data	SW 30	SW 50	SW 100
Load capacity	3 t	5 t	10 t
Stroke	335 mm	335 mm	345 mm
Dimensions (L x W x H) approx.	296 x 197 x 730 mm	189 x 335 x 730 mm	250 x 498 x 800 mm
Weight approx.	21.2 kg	28.5 kg	46.8 kg

With self-locking safety pressure roller crank handle



SW 30

Hydraulic machine jacks HMH series

- ▶ Sturdy, welded steel construction for heavy-duty use
- ▶ For safe lifting of heavy loads
- ▶ Rotatable pump unit
- ▶ Removable pump lever
- ▶ **Equipment HMH 5:**
 - ▶ 360° rotatable claw or base plate
- ▶ **Equipment HMH 10:**
 - ▶ 360° rotatable claw or base plate
- ▶ **Equipment HMH 25:**
 - ▶ Chassis

Model	HMH 5	HMH 10	HMH 25
Art. no.	6190050	6190100	6190250
Technical data			
Lifting load	5 t	10 t	25 t
Manual force at nominal load	380 N	400 N	400 N
Stroke	205 mm	230 mm	215 mm
Lifting claw clearance height	25 mm	30 mm	58 mm
Lift head clearance height	368 mm	420 mm	505 mm
Temperature application range	-20 °C to +50 °C	-20 °C to +50 °C	-20 °C to +50 °C
Dimensions (L x W x H) approx.	360 x 190 x 430 mm	380 x 220 x 510 mm	530 x 350 x 610 mm
Weight approx.	25 kg	35 kg	109 kg



HMH 5

HMH 10

HMH 25

Machine jacks MH series

- ▶ For safe lifting of heavy loads
- ▶ Sturdy, welded steel construction for heavy-duty use
- ▶ Infinitely adjustable lowering speed via sensitive drain screw
- ▶ Small and compact design



MH 3

MH 8

MH 10

MH 20

Scope of delivery MH 3:
 > Height-adjustable lifting claw

Scope of delivery MH 8:
 > Height-adjustable lifting claw

Scope of delivery MH 10:
 > Spindle thread

Scope of delivery MH 20:
 > Height-adjustable lifting claw
 > Spindle thread
 > Roll

Model	MH 3	MH 8	MH 10	MH 20
Art. no.	6190003	6190008	6190010	6190020
Technical data				
Lifting load of lifting head	3 t	8 t	7.5 t	15 t
Lift head clearance height	233 mm	261 mm	320 mm	325 mm
Lift head stroke	140 mm	140 mm	80 mm	140 mm
Max. lifting load of lifting claw	3 t	8 t	6 t	12 t
Lifting claw clearance height	15/75/135mm	20/85/150mm	35 mm	40/100 mm
Lifting claw stroke	140 mm	140 mm	160 mm	140 mm
Static vertical load max.	3 t	8 t	10 t	20 t
Load height min. static support load	233 mm	261 mm	320 mm	325 mm
Support height max. static support load	373 mm	401 mm	400 mm	465 mm
Dimensions (L x W x H) approx.	250 x 231 x 233 mm	271 x 251 x 261 mm	160 x 245.5 x 320 mm	296 x 372 x 325 mm
Weight approx.	21 kg	28 kg	25 kg	68 kg

Permanent lifting magnets

Permanent lifting magnets series PLM - for lifting loads of up to 2000 kg

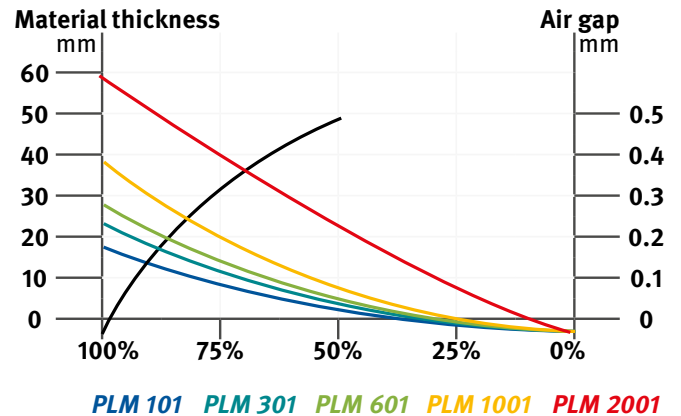
- ▶ Independent of batteries or external power supply
- ▶ Easy to switch on and off by moving the hand lever
- ▶ Lever lock in activated state by safety interlock prevents unintentional demagnetisation



High safety standard thanks to tested safety factor 3.5

For flat and round material due to base plate in V-design

Model	PLM 101	PLM 301	PLM 601	PLM 1001	PLM 2001
Art. no.	6171301	6171303	6171306	6171310	6171320
Technical data					
Load capacity	100 kg	300 kg	600 kg	1000 kg	2000 kg
Load capacity round material	50 kg	150 kg	300 kg	500 kg	1000 kg
Chassis height	72 mm	108 mm	123 mm	158 mm	204 mm
Length approx.	92 mm	166 mm	228 mm	266 mm	394 mm
Width/depth approx.	64 mm	99 mm	118 mm	150 mm	196 mm
Weight approx.	3 kg	12 kg	24 kg	43 kg	105 kg



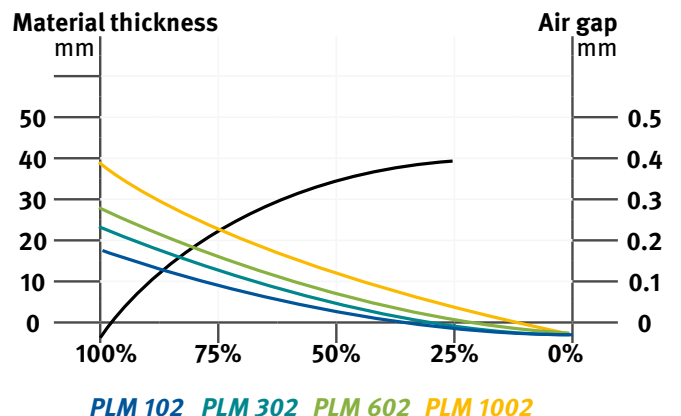
Permanent lifting magnet PLM – For lifting flat and round material

- ▶ High safety standard thanks to tested safety factor 3.5
- ▶ For flat and round material due to base plate in V-design
- ▶ Easy to switch on and off by moving the hand lever
- ▶ Increased safety thanks to effective lever lock when tensioned
- ▶ High durability - solenoid body made from one component
- ▶ Independent of batteries or external power supply
- ▶ Stable lifting eye minimises unnecessary swaying under load



PLM 602

Model		PLM 102	PLM 302	PLM 602	PLM1002
Art. no.		6171331	6171333	6171336	6171339
Technical data					
Load capacity	kg	100	300	600	1000
Load capacity round material	kg	50	150	300	500
Length approx.	mm	137	199	263	303
Width/depth approx.	mm	62	90	115	150
Height approx.	mm	111	185	185	290
Weight approx.	kg	4.2	10.8	21.2	42



Hanging scales HW series – Compact for determining the weight of hanging loads up to 300 kg

- ▶ Control via display directly on the device
- ▶ Bright and easy-to-read LED display with 20 mm high digits
- ▶ Value can be held and frozen
- ▶ Easy determination of the net weight thanks to the tare function
- ▶ Automatic switch-off function
- ▶ Overload warning on the display

Model	HW 50	HW 150	HW 300
Art. no.	6171505	6171515	6171530
Technical data			
Load capacity	0.05 t	0.15 t	0.3 t
Overload max.	300%	300%	300%
Display gradation	0.02 kg	0.05 kg	0.1 kg
Stabilisation time	< 10 s	< 10 s	< 10 s
Distance from suspension to load hook	265 mm	265 mm	265 mm
Inner diameter of suspension	20 mm	20 mm	20 mm
Depth approx.	46 mm	46 mm	46 mm
Weight approx.	0.65 kg	0.65 kg	0.65 kg

High precision

Can be calibrated in accordance with the OIML R76 standard

Compact design

Tare over the full range



HW 50

Crane scales series KW - for determining the weight of suspended loads up to 10 t

- ▶ Control via remote control and display directly on the device
- ▶ Remote control range up to 10 m
- ▶ Bright and easy-to-read LED display with 30 mm high digits
- ▶ Value can be held and frozen
- ▶ Easy determination of the net weight thanks to the tare function
- ▶ Totalling function via series weighing
- ▶ Automatic switch-off function
- ▶ Overload warning on the display
- ▶ Power supply via exchangeable, internal battery that can be charged directly in the device

High precision

Can be calibrated in accordance with the OIML R76 standard

Controllable with remote control

Tare over the full range



KW 50

Scope of delivery:

- › Remote control incl. batteries
- › Battery 6 V / 10 Ah
- › Power supply unit

Model	KW 50	KW 100
Art. no.	6171405	6171410
Technical data		
Load capacity	5 t	10 t
Overload max.	400%	400%
Display gradation	< 2 t: 1 kg 2 - 5 t: 2 kg	< 2 t: 1 kg 2 - 5 t: 2 kg 5 - 10 t: 10 kg
Stabilisation time	< 10 s	< 10 s
Distance from suspension to load hook	585 mm	770 mm
Inner diameter of suspension	92 mm	94 mm
Passage width load hook	45 mm	60 mm
Dimensions (L x W x H) approx.	230 x 325 x 650 mm	230 x 364 x 810 mm
Weight approx.	25 kg	47 kg

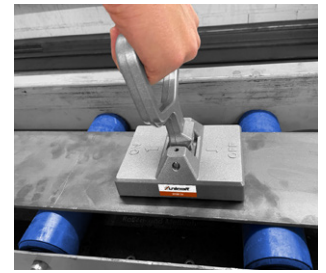
Hand lifting magnets

HHM 50 - Practical hand lifting magnets

- ▶ Built-in ferrite magnet ideal for outdoor use thanks to high corrosion resistance
- ▶ Quick and easy manual handling of loads
- ▶ Perfect for lifting sheet metal and other workpieces
- ▶ Makes it easier to pick up loads that are difficult to grip



HHM 50



Application example

Model		HHM 50
Art. no.		6171340

Technical data		
Load capacity	kg	50
Load capacity round material	kg	–
Height min.– max.	mm	–
Dimensions (L x W x H) approx.	mm	140x100x180
Weight approx.	kg	1.8

HHM series - Practical manual lifting magnets up to 20 kg load

- ▶ Built-in neodymium magnet ideal for maximum holding force with a small surface area
- ▶ Magnet can be switched on and off by pressing the handle
- ▶ Suitable for picking up metal parts in hard-to-reach places or for assembly work
- ▶ Easy to stow away when retracted

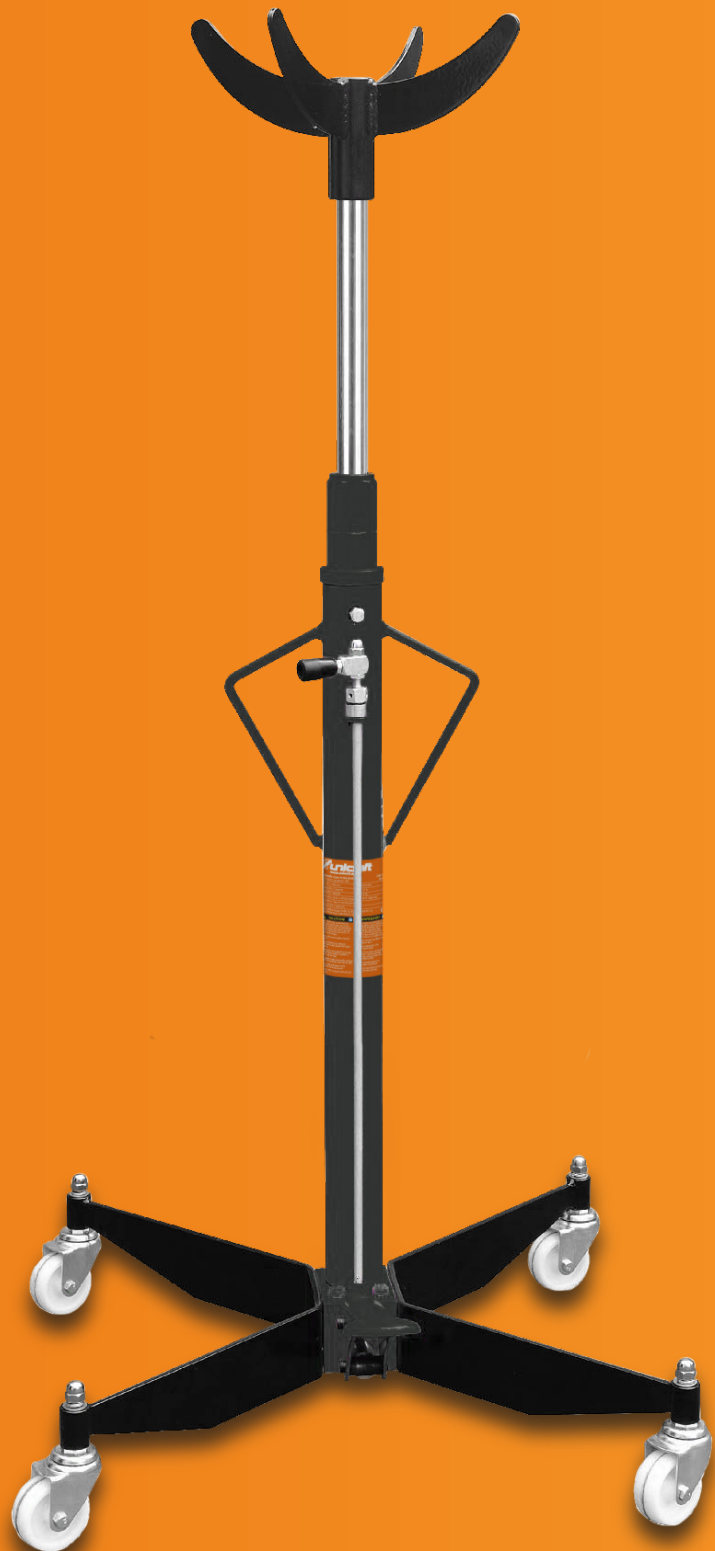


HHM 20

Model		HHM 8	HHM 20
Art. no.		6171341	6171342

Technical data			
Load capacity	kg	8	20
Load capacity round material	kg	3	7.5
Height min.– max.	mm	281–561	300–615
Dimensions (L x W x H) approx.	mm	105x41x281	105x55x300
Weight approx.	kg	0.47	0.76

GEARBOX JACKS

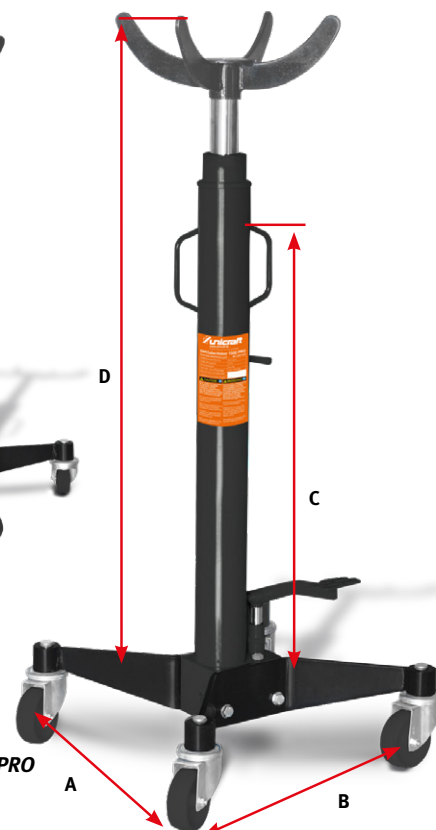


Gearbox jacks

Gearbox jack GH series -

Hydraulic, steplessly height-adjustable

- ▶ Ideal for installing and removing gearboxes, axles and exhaust systems as well as for all other service and maintenance work
- ▶ Lifting is carried out via a hydraulic, steplessly height-adjustable foot pump, which enables simultaneous, free working or holding with the hands
- ▶ The load is lowered using a manual controller
- ▶ With 4 swivel rollers for easy manoeuvring
- ▶ PRO versions for professional use
- ▶ Gearbox jack GH 1500 PRO suitable for use when working on lorries



Model	GH 505	GH 600 PRO	GH 1500 PRO
Art. no.	6201410	6201403	6201404
Technical data			
Load capacity	500 kg	600 kg	1,500 kg
Length (A) approx.	610 mm	500 mm	524 mm
Width (B) approx.	610 mm	510 mm	510 mm
Min. height (C) approx.	1240 mm	1180 mm	1195 mm
Max. height (D) approx.	2050 mm	1950 mm	1985 mm
Weight approx.	32 kg	34 kg	55.5 kg

Gearbox jack GH TOP

- ▶ Ideal for installing and removing gearboxes, axles and exhaust systems as well as for all other service and maintenance work
- ▶ Stepless lifting is achieved via a hydraulic foot pump, which enables simultaneous working or holding with the hands
- ▶ Lowering the load via a foot control
- ▶ Rotatable, height-adjustable manoeuvring handle with integrated screw tray
- ▶ Optimum protection of vehicle parts thanks to patented foam block
- ▶ Four rollers for easy manoeuvring
- ▶ All functions can be operated by foot



• All functions can be operated by foot



• Swivelling height-adjustable handle with compartment for screws



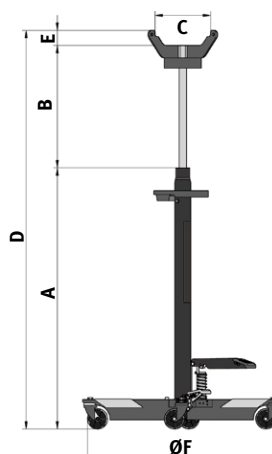
• Patented foam block to protect vehicle parts



Patented



Model	GH 750 TOP	GH 1200 L TOP
Art. no.	6212075	6212125
Technical data		
Load capacity	750 kg	1200 kg
Piston stroke height (B)	820 mm	815 mm
Wide of lifting crown (C)	315 mm	315 mm
Height of lifting crown tines (E)	60 mm	60 mm
Min. height (A) approx.	1110 mm	1258 mm
Max. height (D) approx.	1930 mm	1925 mm
Length/ width (F) approx.	720 mm	720 mm
Weight approx.	28 kg	34 kg



AUTOMOTIVE AIDS / WORKSHOP CRANES / MOTORBIKE JACKS



Lifting platform

Hydraulic scissor lift SHB 3–

Sturdy scissor design, suitable for loads of up to three tonnes

- ▶ Two powerful hydraulic cylinders lift loads of up to three tonnes
- ▶ Operation via mobile control panel
- ▶ Low platform with low drive-over height
- ▶ Anti-slip, ribbed and lockable drive-on flaps
- ▶ Rubber pads to prevent slipping
- ▶ Automatic locks secure the lift at several operating heights
- ▶ Foot protection on both sides for additional safety
- ▶ Chassis for easy positioning of the lift in the workshop included in the scope of delivery



· Operation via mobile control panel

Two powerful hydraulic cylinders lift loads of up to three tonnes

Operation via mobile control panel

Low platform with low drive-over height



Scope of delivery SHB 3:

- › Transport roller set
- › Transport lever rod
- › Two foot protection bars
- › Rubber pads

Model		SHB 3
Art. no.		6240030
Technical data		
Load capacity	t	3
Min. height	mm	110
Max. height	mm	1000
Input power ~ 50 Hz	kW/V	2.2 / 400
Operating pressure	bar	8
Platform length (L x B) ca.	mm	1420 x 460
Ramps (L x W) approx.	mm	261 x 460
Dimensions (L x W x H) approx.	mm	1943 x 1954 x 125
Weight approx.	kg	470

Motor mounting bridge MMB 505

- ▶ For holding and lifting motors via two adjustable load spindles
- ▶ Suitable for transverse and longitudinal engines
- ▶ Two safety chains included in the scope of delivery
- ▶ Swivelling support legs, lockable via rotary knobs

Model	MMB 505
Art. no.	6201705
Technical data	
Load capacity	500 kg
Setting range	0 – 200 mm
Distance between the feet	730 – 1480 mm
Dimensions (L x W x H) approx.	1540 x 300 x 250 mm
Weight approx.	16.2 kg



Motor positioner MP 680

- ▶ For engine installation/removal in conjunction with workshop cranes or similar.
- ▶ Quick centre of gravity finding thanks to practical crank and worm thread
- ▶ Four sturdy chains for practical fastening options
- ▶ Handy due to low weight



Model	MP 680
Art. no.	6201701
Technical data	
Load capacity	680 kg
Dimensions (L x W x H) approx.	445 x 65 x 190 mm
Weight approx.	5.5 kg

MMB 450 – Motor mounting trestle

- ▶ With rollers for optimum manoeuvrability
- ▶ Adjustable in five stages up to 450 kg load capacity



Model	MMB 450
Art. no.	6201400
Technical data	
Max. load capacity	450 kg
Dimensions (L x W x H) approx.	925 x 780 x 850 mm
Weight approx.	21 kg



• With lever on the back

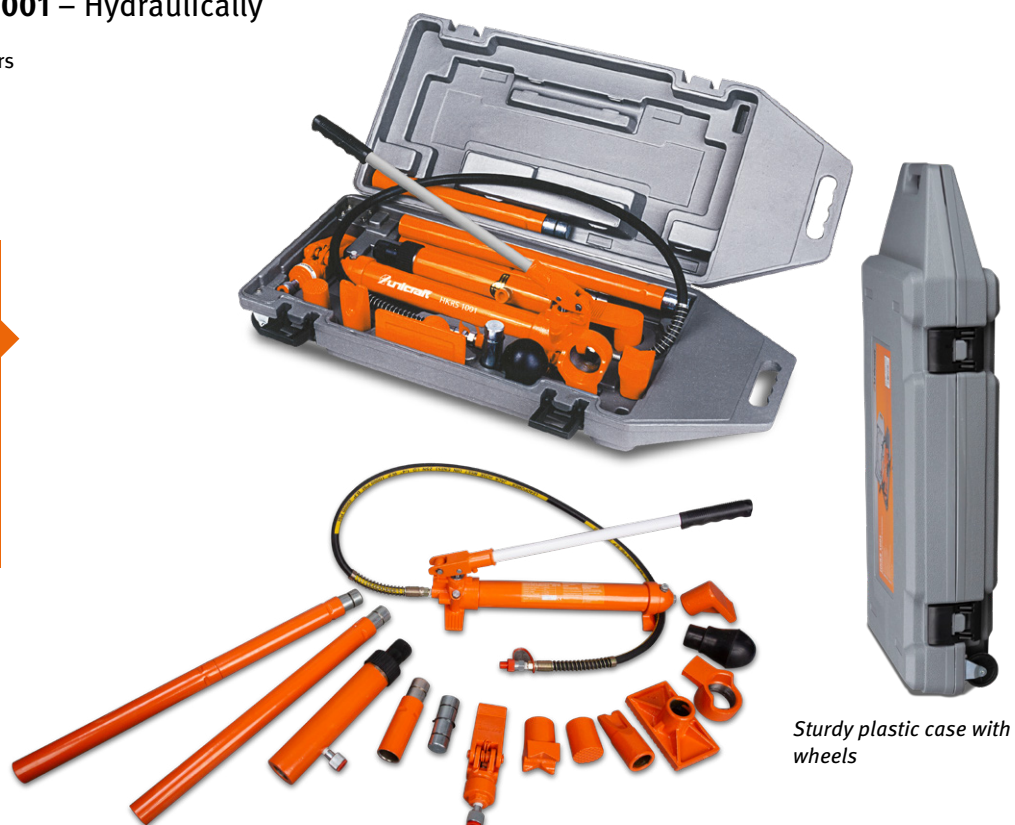
Bodywork alignment kit HKRS 1001 – Hydraulically

- ▶ Hydraulic set in sturdy plastic case with rollers
- ▶ Packed in a small storage space: Portable, compact and practical

Scope of delivery:

- › Hand pump with hose
- › Stand with rubber pad
- › Adapter bolt with thread
- › Extension tube set
- › ribbed carrier plate
- › Printing cylinder
- › Spreader
- › Rubber head
- › 90° V-support
- › Transport case with rollers (910 x 405 x 180 mm)

Model	HKRS 1001
Art. no.	6201205
Technical data	
Pressing force	10 t
Cylinder stroke	130 mm
Weight approx.	31.5 kg



Sturdy plastic case with wheels

Workshop cranes

WK series - foldable workshop cranes with spread chassis

- ▶ 4-way adjustable crane jib, load capacity depending on outreach
- ▶ With swivel rollers for maximum flexibility
- ▶ Space-saving storage thanks to foldable foot tubes
- ▶ Quick to assemble and dismantle
- ▶ With safety hook on the boom arm
- ▶ Equipped with brake rollers for a secure stand
- ▶ Particularly low underride height

WK 2002 LP / WK 1003 LP



WK 2003



WK 1003 LP

Low underride height!



Space-saving storage



WK 2002 LP

Low underride height!

Scope of delivery WK 1003 LP:

- 2 steel swivel rollers
- 2 rigid steel rollers

Scope of delivery WK 2003:

- 6 swivel rollers
- Safety hook

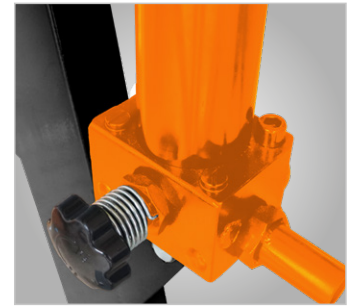
Scope of delivery WK 2002 LP:

- 2 nylon swivel rollers
- 4 rigid nylon rollers
- Safety hook

Model		WK 2003	WK 1003 LP	WK 2002 LP
Art. no.		6201423	6201424	6201422
Technical data				
Load capacity	t	0.5 / 1.0 / 1.5 / 2.0	1	0.5 / 1.0 / 1.5 / 2.0
Lifting arm lengths	mm	1370 / 1200 / 1030 / 860	1170 / 1080 / 990 / 900	1515 / 1335 / 1155 / 975
Lifting height (min./max.)	mm	25 - 2240	25 - 1900	25 - 2410
Underride height	mm	200	110	104
Dimensions (L x W x H) approx.	mm	1710 x 1000 x 1490	670 x 620 x 1540	1840 x 1050 x 1500
Weight approx.	kg	90.5	65	102

WKP 1000 - Workshop crane with parallel travelling gear for moving Euro pallets

- ▶ Crane jib adjustable in four positions, Load capacity depending on radius
- ▶ Load hook can be rotated through 360
- ▶ Double-acting hydraulics for faster lifting of the load
- ▶ Controlled draining speed
- ▶ Easy manoeuvrability thanks to swivel rollers made of nylon
- ▶ Handle with rubber coating for optimum grip



- adjustable rotary knob for controlled lowering speed

Model		WKP 1000
Art. no.		6201430

Technical data		
Load capacity	t	0.7 / 0.8 / 0.9 / 1
Lifting arm length	mm	1060 / 1160 / 1260 / 1360
Lifting height min.	mm	430
Lifting height max.	mm	2475
Underride height	mm	155
Dimensions (L x W x H) approx.	mm	1527 x 992 x 1613
Weight approx.	kg	85

Standard equipment:

- Hydraulic pump
- 2 swivel rollers, 2 fixed rollers
- Roller material nylon
- Travelling gear parallel

Gantry cranes

Mobile gantry cranes PK series

- ▶ Suitable for loading and unloading, for assembly, repair or storage work on flat and smooth floors in workshops and halls
- ▶ Easy to move thanks to four swivel rollers with parking brakes
- ▶ Simple and safe height adjustment in unloaded state via lever and two locking bolts per support bracket
- ▶ Stable stand and robust, torsion-resistant design thanks to additional cross struts



- Simple and safe height adjustment via lever and two locking bolts



- Stable construction of the support columns



- Swivel rollers with parking brake

Fig. shows PK 1 with optional accessory chain hoist K 1000, beam clamp TK 1 and permanent lifting magnet PLM 101

Model		PK 1	PK 2
Art. no.		6172100	6172200
Technical data			
Load capacity	t	1	2
Height min.– max.	mm	2200 – 3600	2400 – 3600
Clear width	mm	2400	2380
Double T-beam	mm	74 x 120	88 x 160
Dimensions (L x W x H) approx.	mm	2500 x 1200 x 2520	2500 x 1200 x 2560
Weight approx.	kg	128	153

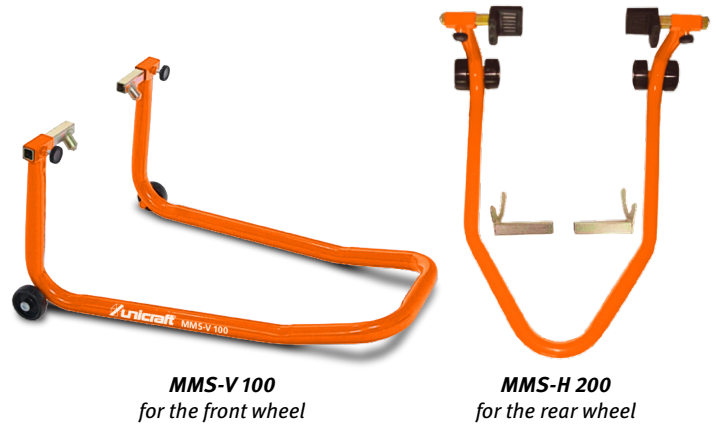
Accessories for PK 1	Article no.
Extension set working width 2.80 m	6172101

Motorbike mounting stand MMS – front and rear

- ▶ Sturdily built for repairs on two-wheelers
- ▶ Stand with universal mount
- ▶ Smooth lifting of the front and rear wheel

Scope of delivery MMS-H 200
Universal L-adapter
V-adapter

Model	MMS-V 100	MMS-H 200
Art. no.	6201510	6201511
Technical data		
Load capacity	100 kg	200 kg
Min. height	200 mm	255 mm
Max. height	270 mm	335 mm
Dimensions (L x W x H) approx.	640 x 460 x 320 mm	675 x 550 x 345 mm
Weight approx.	2.85 kg	4.85 kg



Motorbike lift MH 680 - Ultra-compact with retaining straps

- ▶ For repairs to two-wheelers and quad bikes
- ▶ High stability and load capacity of up to 680 kg despite compact dimensions
- ▶ Particularly suitable for small workshops
- ▶ Foldable, therefore little storage space required
- ▶ The supplied straps ensure safe working conditions
- ▶ Rollers with parking brakes
- ▶ Easy to operate foot lever

Model	MH 680
Art. no.	6201500
Technical data	
Load capacity	680 kg
Min. height	140 mm
Max. height	410 mm
Dimensions (L x W x H) approx.	864 x 396 x 315 mm
Weight approx.	35 kg



MHB series motorbike lifts – Ultra-compact

- ▶ Sturdily built for repairs on two-wheelers
- ▶ Compact design, therefore particularly suitable for small workshops
- ▶ With a wide footprint and ramp for easy manoeuvring of the vehicle
- ▶ Ideal for repairs to mopeds, scooters and motorbikes
 - up to a maximum of 450 kg (**MHB 455**)
 - up to a maximum of 680 kg (**MHB 680**),

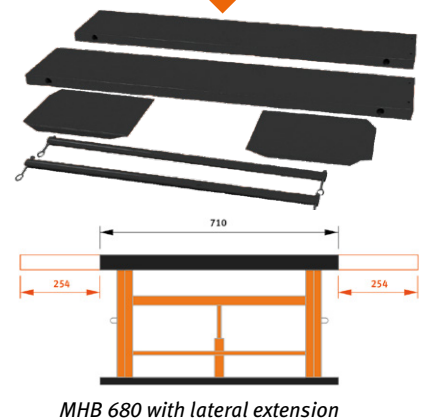
Suitable compressors can be found in the Aircraft main catalogue and on www.aircraft-kompressoren.com

Info & Video



MHB 680 scope of delivery:
▶ Lateral extension

Model	MHB 455	MHB 680
Art. no.	6201505	6201506
Technical data		
Load capacity	450 kg	680 kg
Min. height	175 mm	185 mm
Max. height	750 mm	825 mm
Adjustment range tyre clamping	35–180 mm	35–185 mm
Platform size	2200 x 680 mm	1995 x 710 mm
Ramp size	650 x 680 mm	550 x 710 mm
Air requirement	-	100 l/min
Pneumatic operating pressure	-	7 – 8.5 bar
Size lateral extension	-	1995 x 254 mm
Weight approx.	108 kg	239 kg



Aluminium ramps

Aluminium ramps - Versatile use with a load capacity of up to 1000 kg

- ▶ Made from aluminium, lightweight, robust and durable
- ▶ Flattened supports simplify loading
- ▶ Suitable for workshops, transport services and private use

AR1000-1.5 / AR1000-2.0

- ▶ Perforated tread surface ensures a secure grip

LR 400-2.0 K / AR 200-1.8 K

- ▶ Practical folding design combines robustness and functionality
- ▶ Raised edge for greater safety when travelling with wheelchairs, for example

- ▶ Ribbed tread surface ensures a secure grip

LR400-2.0 K

- ▶ Ergonomic carrying handle for maximum comfort and easy transport
- ▶ No vehicle modification is required

SLR 400-2.4 K

- ▶ Stationary loading ramp for fixed installation in e.g. delivery vans and transporters
- ▶ Convenient and time-saving, simply fold out and drive on

- ▶ Folds in with little effort thanks to the built-in gas struts
- ▶ Easy installation thanks to the adapter plates

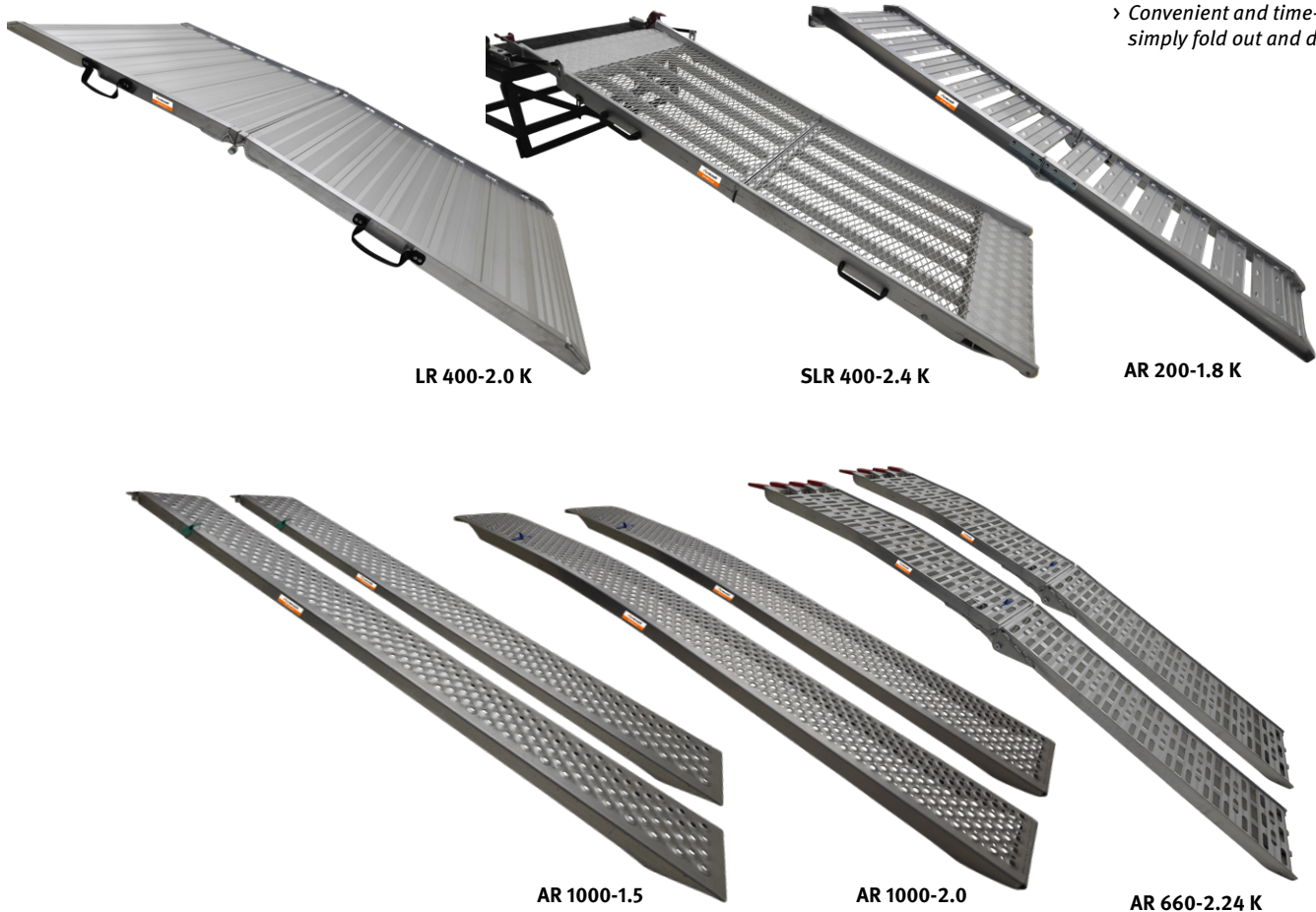
AR 660-2.24 K

- ▶ Practical folding design combines robustness and functionality
- ▶ Rubberised pads protect shelf surfaces
- ▶ Ribbed tread surface ensures a secure grip



SLR 400-2.4 K

› Convenient and time-saving, simply fold out and drive on



Model		LR 400-2.0 K	SLR 400-2.4 K	AR 200-1.8 K	AR 1000-2.0	AR 1000-1.5	AR 660-2.24 K
Art. no.		6202020	6202025	6202023	6202022	6202021	6202024
Technical data							
Load capacity	kg	400	400	200	1000 (pair)	1000 (pair)	660 (pair)
Foldable		✓	✓	✓	-	-	✓
Length folded	mm	1190	1315	930	-	-	1150
Folded height	mm	135	210	150	-	-	140
Material		Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Dimensions (L x W x H)	mm	2000x850x50	2520x820x75	1800x295x60	1500x260x60	2000x260x60	2240x280x50
Weight approx.	kg	24.5	31.4	6.8	5.65 (single)	7.6 (single)	7 (single)

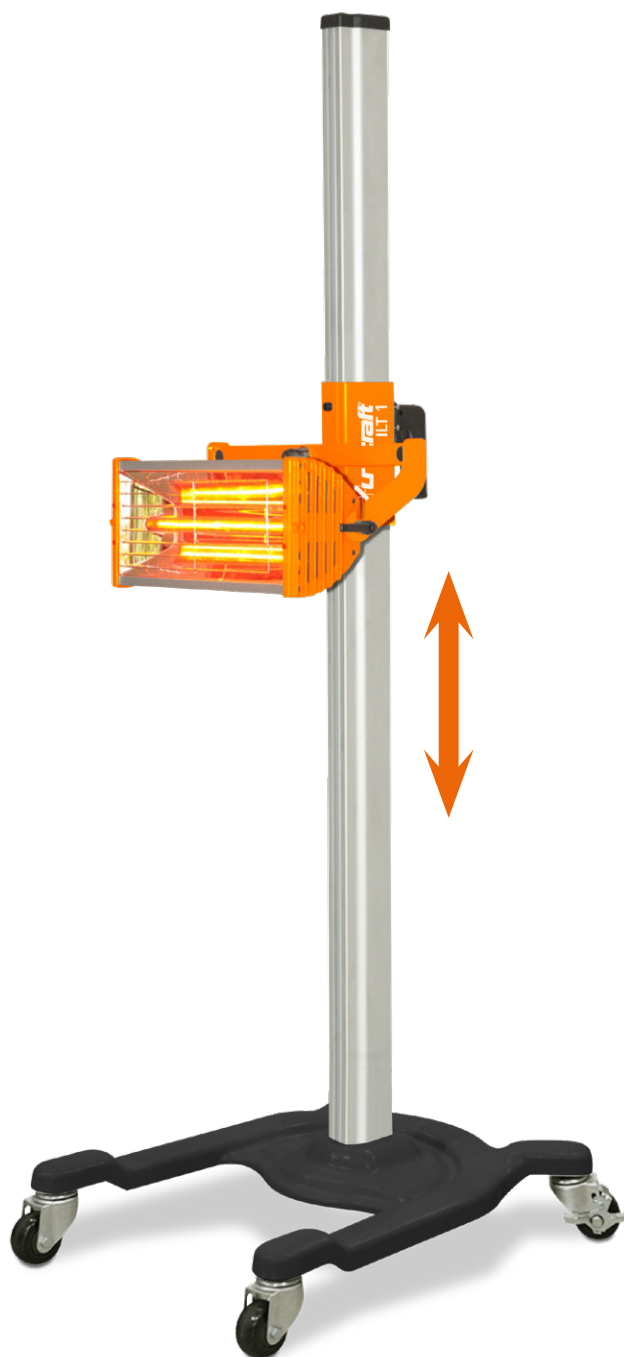
INFRARED LACQUER DRYER



Infrared lacquer dryer

Infrared lacquer dryer ILT 1

- ▶ Sturdy construction made of aluminium and stainless steel
- ▶ Dries the paint layer efficiently from the outside and inside, saving time and preventing bubbles
- ▶ 360° swivelling and rotatable lamp housing
- ▶ Ball bearing rollers with parking brake
- ▶ Timer adjustable via rotary switch



Model	ILT 1
Art. no.	6205001

Technical data	
Drying surface	800 x 450 mm
Temperature	30 – 100 °C
Timer switch	0 - 60 min
Input power	1 kW 230 V/~50 Hz
Weight approx.	15 kg

Accessories	Article no.
Replacement tube for ILT 1	6205006

Infrared lacquer dryer ILT 2

- ▶ Dries the paint layer efficiently from the outside and inside, preventing bubbles and saving time
- ▶ Ball bearing rollers with parking brake
- ▶ Integrated timer function
- ▶ High-quality V-Power quartz halogen shortwave infrared fluorescent tubes
- ▶ Timer adjustable via rotary switch
- ▶ 360° swivelling and rotatable lamp housing



Model	ILT 2
Art. no.	6205002

Technical data	
Drying surface	800 x 800 mm
Temperature	30 – 100 °C
Timer switch	0 - 60 min
Input power	2x 1 kW 230 V/~50 Hz
Weight approx.	19.5 kg

Accessories	Article no.
Replacement tube for ILT 2	6205007

Infrared lacquer dryer

Infrared lacquer dryer ILT 3W

- ▶ Sturdy stainless steel construction with hydraulic arm
- ▶ Dries the paint layer efficiently from the outside and inside, saving time and preventing bubbles
- ▶ Fully automatic, digital power setting via LED display with timer
- ▶ Electronic temperature setting from 35 °C - 100 °C
- ▶ Each of the three spotlights can be switched on individually
- ▶ 300° swivelling and rotatable lamp housing
- ▶ Two adjustable drying phases:
 - PULSE:** Interval operation for evaporation/ pre-drying
 - ROUTINE:** Continuous operation for hardening
- ▶ Ball bearing rollers with parking brake



Model	ILT 3 W
Art. no.	6205000

Technical data	
Drying surface	1200 x 1000 mm
Temperature	35 – 100 °C
Timer switch	0 - 99 min
Input power	3 x 1.1 kW 230 V/~50 Hz
Weight approx.	45 kg



Accessories	Article no.
Replacement tube for ILT 3W	6205005
① Adapter cable 230V Schuko - CEE coupling 16A, 1.5m	7013800
② Adapter cable 400V CEE- plug - CEE coupling 16A, 1.5m	7013805

WORKSHOP PRESSES



Workshop presses

Hydraulic workshop presses – Robust press with conventional equipment

- ▶ Ideal for versatile use in trades and for repairs in schools,

Training workshops, garages, workshops, agriculture, forestry and horticulture

- ▶ Press cylinder with integrated return spring
- ▶ Display of the pressing pressure via pressure gauge

WPP 10 TE

- ▶ Bench press with low overall height
- ▶ Three-stage height-adjustable press table with locking bolt
- ▶ Piston feed via hydraulic hand pump

WPP 15 E

- ▶ Robust welded frame with perforation: ten-stage height-adjustable press table with locking bolt
- ▶ Piston feed optionally possible via hydraulic hand pump or foot lever
- ▶ Laterally sliding cylinder

WPP 20 E

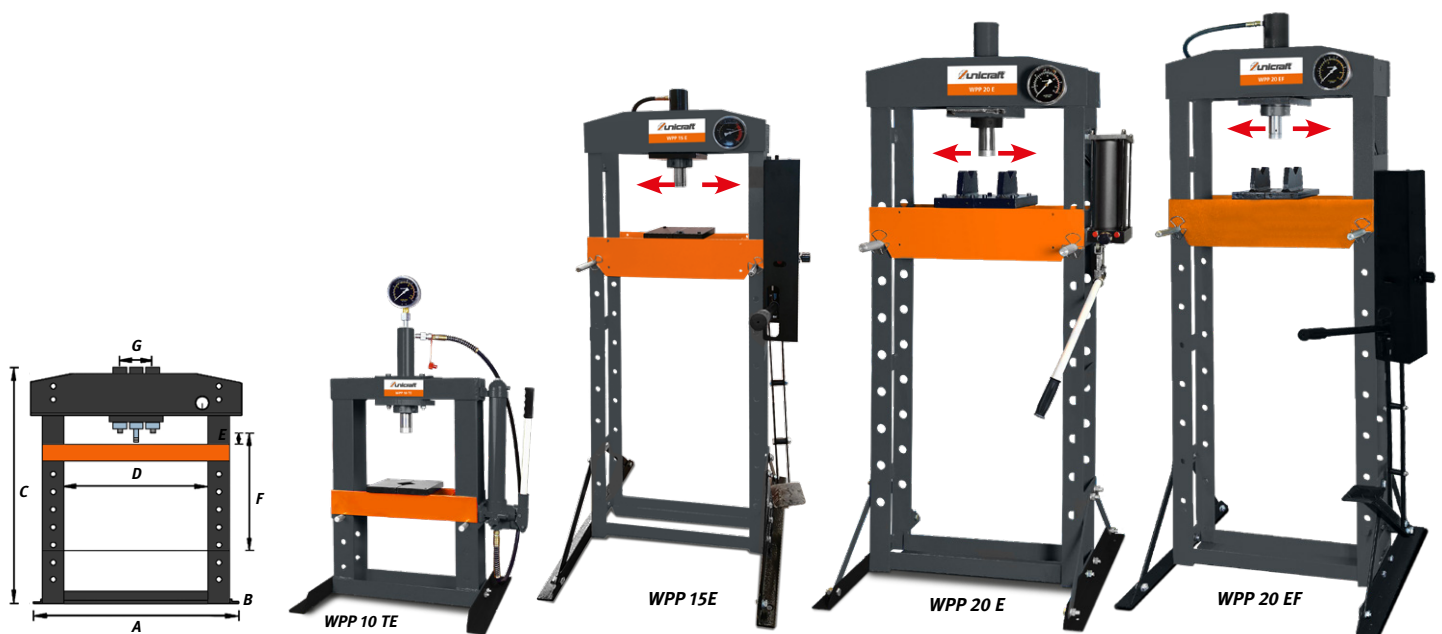
- ▶ Robust welded frame with perforation: ten-stage height-adjustable press table with locking bolt
- ▶ Piston feed via hydraulic hand pump
- ▶ Laterally sliding cylinder

WPP 15 TE

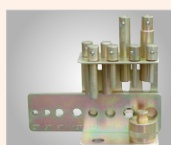
- ▶ Bench press with low overall height
- ▶ Three-stage height-adjustable press table with locking bolt
- ▶ Piston feed via hydraulic hand pump
- ▶ Laterally sliding cylinder

WPP 20 EF

- As model WPP 20 E and additionally:
- ▶ Piston feed optionally possible via hydraulic hand pump or foot lever

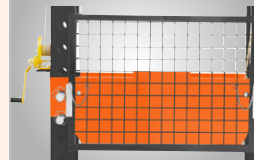


Accessory



Model Pressure mandrel set 8-piece for all Unicraft workshop presses with perforated plate
Art. no. 6300001

Accessories



Handle protection	Art. no.
WPP 10 TE	6300009
for WPP 20 E/ WPP 20 EF	6300002
for WPP 30 E/ WPP 30 EF	6300003

Model	WPP 10 TE	WPP 15 TE	WPP 15 E	WPP 20 E	WPP 20 EF	WPP 30 E
Art. no.	6300011	6300015	6300016	6300020	6300021	6300030

Technical data	WPP 10 TE	WPP 15 TE	WPP 15 E	WPP 20 E	WPP 20 EF	WPP 30 E
Pressing force	10 t	15 t	15 t	20 t	20 t	30 t
Piston diameter	40 mm	43 mm	43 mm	48 mm	48 mm	70 mm
Foot width x depth (A x B) approx.	570 x 495 mm	700 x 540 mm	700 x 560 mm	730 x 560 mm	730 x 560 mm	795 x 700 mm
Height (C)	1058 mm	965 mm	1616 mm	1625 mm	1626 mm	1800 mm
Clearance width (D)	340 mm	500 mm	500 mm	510 mm	510 mm	535 mm
Working area (E-F)	194–364 mm	157–457 mm	173–985 mm	38.5–918.5 mm	38–918 mm	150–1,030 mm
Piston stroke	175 mm	160 mm	160 mm	186.5 mm	185 mm	150 mm
Piston travel path (G)	–	169 mm	169 mm	176 mm	179 mm	200 mm
Working pressure compressed air	–	–	–	–	–	7.5– 8.5 bar
Weight approx.	54.7 kg	75.5 kg	91.5 kg	105 kg	112 kg	171 kg

WPP 30 E

- ▶ Robust welded frame with perforation: ten-stage height-adjustable press table with locking bolt
- ▶ With laterally sliding cylinder
- ▶ Piston feed optionally possible via hydraulic hand pump or pneumatic foot switch

WPP 30 EF

As model WPP 30 E and additionally:

- ▶ Piston feed optionally possible via hydraulic hand pump or foot lever

WPP 50 E

- ▶ Robust welded frame with perforations: Eight-stage height-adjustable press table with locking bolt
- ▶ With laterally sliding cylinder
- ▶ Piston feed optionally possible via hydraulic hand pump or pneumatic foot switch
- ▶ Quick and safe table height adjustment thanks to hand crank with cable pull and pin lock

WPP 50 EF

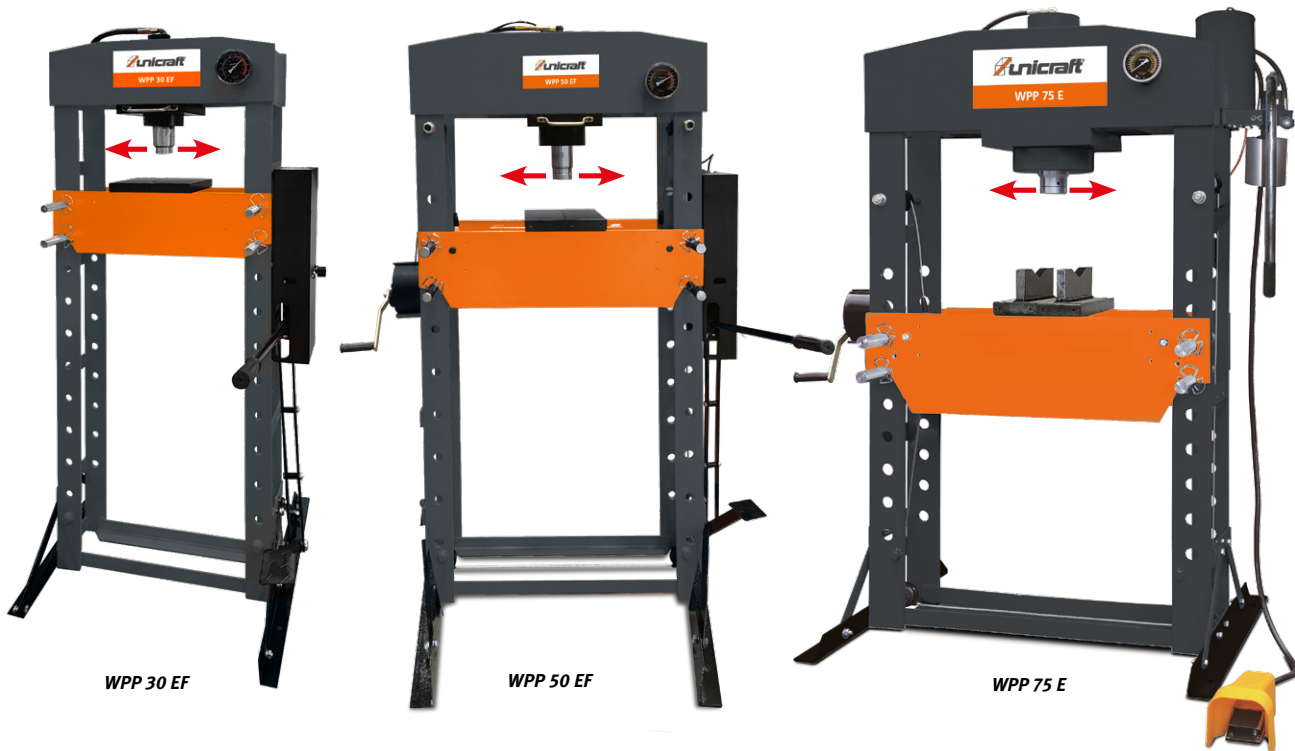
As model WPP 50 E and additionally:

- ▶ Piston feed optionally possible via hydraulic hand pump or foot lever

- ▶ Quick and safe table height adjustment thanks to hand crank with cable pull and pin lock

WPP 75 E/ WPP 100 E

- ▶ Nine-stage height-adjustable press table with locking bolt
- ▶ Two-stage hydraulic hand pump
- ▶ With laterally sliding cylinder
- ▶ Display of the pressing pressure via pressure gauge
- ▶ Piston feed optionally possible via hydraulic hand pump or pneumatic foot switch
- ▶ Quick and safe table height adjustment thanks to hand crank with cable pull and pin lock

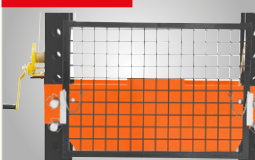


WPP 30 EF

WPP 50 EF

WPP 75 E

Accessories



Handle protection	Art. no.
for WPP 50 E/ WPP 50 EF	6300004
for WPP 75 E	6300005

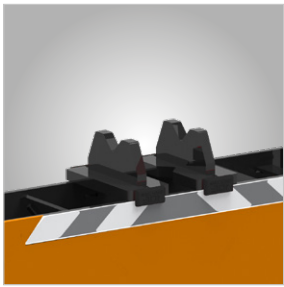
Model	WPP 30 EF	WPP 50 E	WPP 50 EF	WPP 75 E	WPP 100 E
Art. no.	6300031	6300050	6300051	6300075	6300101
Technical data					
Pressing force	30 t	50 t	50 t	75 t	100 t
Piston diameter	70 mm	75 mm	75 mm	93 mm	140 mm
Foot width x depth (A x B) approx.	795 x 700 mm	1030 x 800 mm	1030 x 800 mm	1140 x 800 mm	1199 x 990 mm
Height (C)	1830 mm	1877 mm	1877 mm	1925 mm	1848 mm
Width inside (D)	535 mm	730 mm	730 mm	800 mm	787 mm
Working area (E-F)	151–1031 mm	69–1048 mm	68–1048 mm	170–884 mm	113 – 813 mm
Piston stroke	150 mm	200 mm	200 mm	250 mm	300 mm
Piston travel path(G)	200 mm	245 mm	245 mm	260 mm	254 mm
Working pressure compressed air	–	7.5– 8.5 bar	–	7.5– 8.5 bar	7.5 – 8.5 bar
Weight approx.	167 kg	302.5 kg	300 kg	451 kg	666 kg

Hydraulic workshop presses WPP TOP - High-quality press with patented prism block guide system

- ▶ Ideal for versatile use in trades and for repairs in schools, training workshops, garages, workshops, agriculture, forestry and horticulture
- ▶ Press cylinder with integrated return spring
- ▶ Patented guide system guarantees optimum positioning of the prism blocks
- ▶ Practical storage compartment in the press foot
- ▶ Height-adjustable press table with locking bolt
- ▶ Display of the pressing pressure via pressure gauge

WPP 15 TH TOP

- ▶ Table model with low overall height
- ▶ Piston feed via hydraulic hand pump



Patented guide system guarantees optimum positioning of the prism blocks



Laterally movable cylinder with scale display on all floor models

Letter:	Meaning:
T	Table model
H	Hand pump
B	Movable cylinder
P	Pneumatics
F	Foot pedal



WPP 15 TH TOP



WPP 50 BPF TOP

Model		WPP 15 TH TOP	WPP 50 BPHF TOP	WPP 50 BPF TOP
Art. no.		6320015	6320151	6320250
Technical data				
operation		Hand pump	Hand pump/ Foot pedal	Foot pedal
Pressing force	t	15	50	50
Piston Ø	mm	44.5	76.2	76.2
Foot width x depth	mm	350	490	490
height	mm	800	1900	1920
Clearance height	mm	45-338	84 – 770	80 – 465
Frame depth	mm	142	162	211
Piston stroke	mm	95	120	120
Piston travel path	mm	75	75	75
Working pressure compressed air	bar	-	7-10	7-10
Dimensions (L x W x H) approx.	mm	550 x 430 x 800	890 x 490 x 1900	890 x 490 x 1900
Weight approx.	kg	55	191	225

WPP 50 BPHF TOP

- ▶ Piston feed via hydraulic hand pump or pneumatic foot switch
- ▶ Laterally movable cylinder with scale display
- ▶ Winch for raising and lowering the table

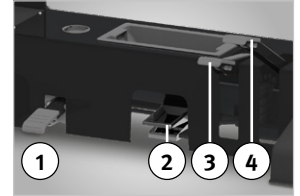
WPP 50 BPF TOP

- ▶ Pneumatic foot switch controls the piston feed
- ▶ All functions can be operated by foot pedal
- ▶ Laterally movable cylinder with scale display
- ▶ Winch for raising and lowering the table



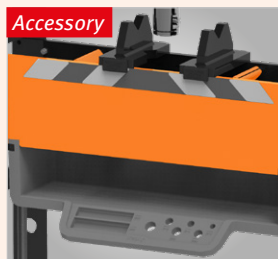
WPP 50 BPF TOP

- › 2 prism blocks
- › Storage compartment on the press table



- 1) Release pedal
- 2) Pneumatic activation pedal
- 3) Pedal for fast start-up
- 4) Pressure pedal

	WPP 15 TH TOP	WPP 50 BPHF TOP	WPP 50 BPF TOP	Art. no.
Accessory				
7-part pressure mandrel set incl. adapter		x		6329005
7-part pressure mandrel set incl. adapter	x			6329006
Storage compartment on the press table		x		6329001
Protective device		x	x	6329002



Large removable storage compartment on the press table



Protective device

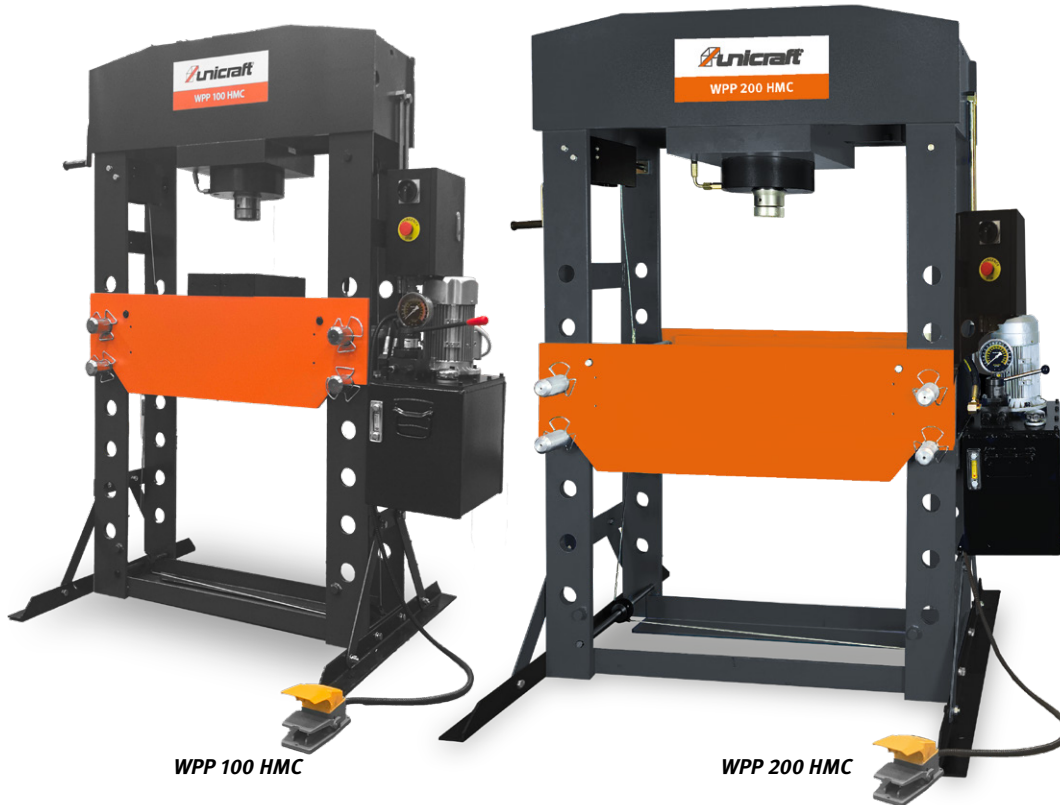
Workshop presses

Electro-hydraulic workshop press WPP HMC – Heavy-duty version for demanding applications*

- ▶ Faster pressing processes than standard hydraulic presses thanks to integrated electric motor
- ▶ Sturdy welded construction
- ▶ Pressing pressure readable via pressure gauge
- ▶ Quick and safe table height adjustment thanks to hand crank with cable pull and pin lock
- ▶ For pressing out and pressing in bearings,

bolts and bushes as well as for repair and assembly work, pressing work, load tests, weld sample tests and much more

- ▶ Convenient operation thanks to integrated foot pedal



WPP 100 HMC

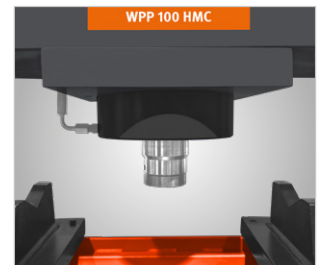
WPP 200 HMC



- Powerful electric motor with 1.5 kW
- Hydraulic unit with pressure gauge, level indicator and manual lever operation



- Solid locking bolts with locking ring for adjusting the height of the press bed



- Laterally adjustable cylinder for maximum processing width (prism supports not included with WPP 150 HMC)

Accessories



New

Scope of delivery¹ WPP 50/75/100 HMC:

- › Two prism blocks for inserting round material

Accessory	Art. no.
Hydraulic oil	3880041
HLP 46 Precis 20l	
Prism block set	New 6301155
WPP 150 HMC	
Handle protection	Art. no.
for WPP 100 HMC	6300007
for WPP 150 HMC	6300008

Model	WPP 50 HMC	WPP 75 HMC	WPP 100 HMC	WPP 150 HMC	WPP 200 HMC
Art. no.	6301051	6301076	6301100	6301150	6301200

Technical data		WPP 50 HMC	WPP 75 HMC	WPP 100 HMC	WPP 150 HMC	WPP 200 HMC
Pressing force	t	50	75	100	150	200
Piston stroke	mm	200	250	300	350	350
Piston travel path	mm	245	260	255	330	352
Pressing speed	mm/s	9	7	4.5	2.7	1.8
Drive motor power	kW	1.5	1.5	1.5	1.5	1.5
Connection voltage	V	400	400	400	400	380
Mains frequency	Hz	50	50	50	50	50
Piston diameter	mm	75	93	96	115	140
Light width	mm	730	800	787	1000	1002
Min. clearance height	mm	79	169	113	64	93
Max. clearance height	mm	1059	884	813	889	918
Hole spacing for table height adjustment	mm	140	102	140	165	165
Frame depth	mm	207	217	268	360	366
Width/depth of feet	mm	800	800	990	995	995
Hydraulic oil tank capacity	l	26	27	28	30	34
Dimensions (L x W x H) approx.	mm	1030 x 800 x 1835	1146 x 800 x 1925	1199 x 990 x 1865	1452 x 995 x 2089	1462 x 995 x 2109
Weight (net) approx.	kg	297	418	690	1125	1362

PARTS WASHERS



Parts washer

Parts washers TWG – for thorough cleaning of complex parts

- ▶ Even complex automotive parts can be cleaned and degreased quickly and easily before soldering or painting
- ▶ Targeted cleaning of parts using flexible metal hose
- ▶ Electric pump with 3.3 l/min delivery rate
- ▶ Only suitable for non-flammable liquids!



TWG 20



TWG 80



TWG 150

Model		TWG 20	TWG 80	TWG 150
Art. no.		6220020	6220080	6220150
Technical data				
Cleaning agent Volume flow	l/min	3.3	3.3	3.3
Cleaning agent tank contents	l	10.5	36	72
Max. weight on the support grid	kg	10	20	40
Input power ~50 Hz	k/V	0.026/ 230	0.026/ 230	0.026/ 230
Connection cable length	m	1.5	1.5	1.5
Work cabin volume	l	20	80	150
Dimensions (L x W x H) approx.	mm	430 x 340 x 220	760 x 540 x 880	1090 x 540 x 890
Weight approx.	kg	6.5	23	42



UR special 10l



Filters

Accessory	Art. no.
Cleaning brush	6231020
Filter for TWG 80/150	6231021
Intensive Universal cleaner UR-Special 10l	7321910

Parts washer TWG 1 –

Closed design, for thorough cleaning of complex parts

Optimum cleaning even where you can't reach with a brush or cloth

- ▶ Even complex automotive parts can be cleaned and degreased quickly and easily before soldering or painting
- ▶ Gun with high working pressure for quick cleaning and blowing out
- ▶ Optimum view of the work area thanks to bright interior lighting and large viewing window

Clean working

- ▶ The enclosed design keeps the dirt in the cabin
- ▶ A fan ensures clean air in the interior
- ▶ Comfortable protective gloves integrated in the housing

Sophisticated details

- ▶ Large, smooth-running lid for quick and easy loading and unloading
- ▶ Thanks to its compact design, the cabin fits on any worktable
- ▶ Strainer, support grid and water container are easy to remove
- ▶ Simple compressed air connection on the right-hand side of the cabin



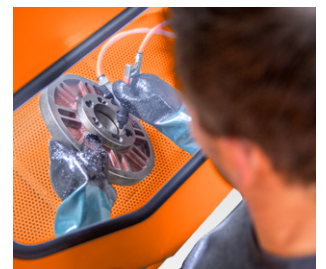
- Cleaning gun with dual function cleaning and blowing out



- Thanks to its compact design, the cabin fits on any worktable



- Large, smooth-running lid for quick and easy loading and unloading

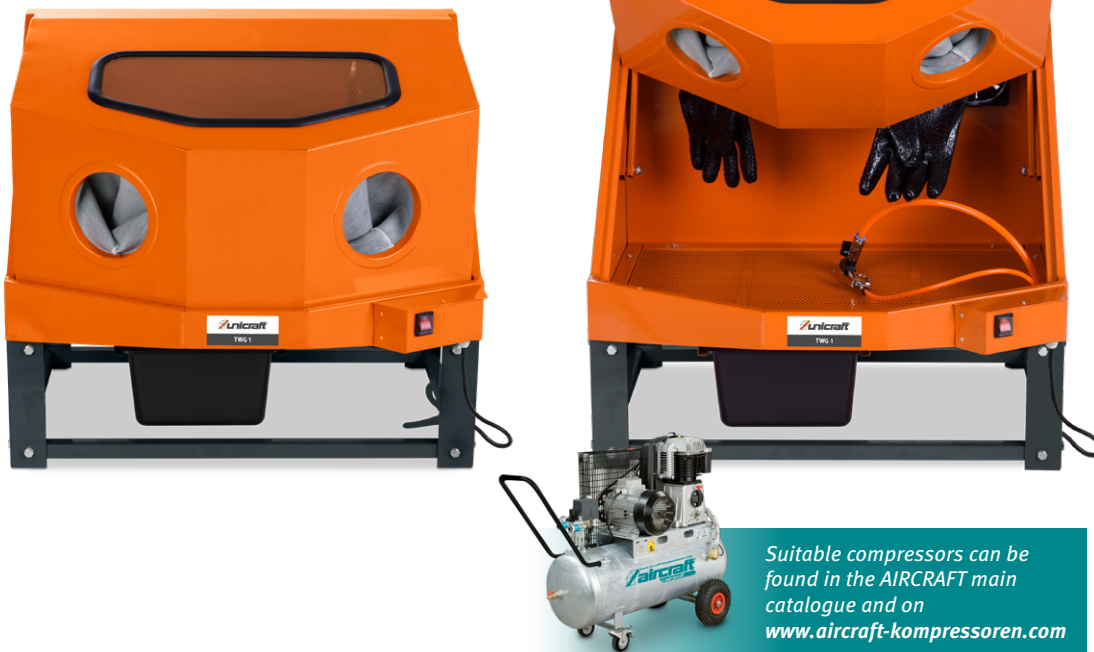


- Optimum view of the work area thanks to bright interior lighting and large viewing window

Thorough cleaning of complex parts



Cleaning gun with dual function

Compact design



Suitable compressors can be found in the AIRCRAFT main catalogue and on www.aircraft-kompressoren.com

Model		TWG 1
Art. no.		6220001
Technical data		
Cleaning agent Volume flow	l/min	0.8
Cleaning agent tank contents	l	4 – 9
Max. weight on the support grid	kg	40
Working pressure	bar	5 – 8
Requirement approx.	l/min	140
Connection thread	"	1/4
Power consumption 230 V/~50 Hz	kW	0.04
Connection cable length	m	1.5
Work cabin volume	l	140
Hand hole diameter	mm	100
Dimensions (L x W x H) Cabin space approx.	mm	736 x 560 x 450
Dimensions (L x W x H) approx.	mm	785 x 595 x 700
Weight approx.	kg	29.5

UR special 10l

Accessory	Art. no.
Cleaning and blow-out gun	6231000
Fluorescent tube	6231001
Viewing window	6231002
Gloves	6231003
Intensive Universal Cleaner UR-Special 10l	7321910

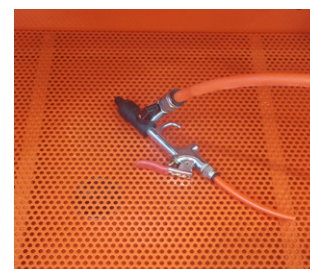
Parts washer

Parts washer TWG 1 H – with digital temperature control

- ▶ Digital temperature control that allows the solvent temperature to be set precisely
- ▶ Large, smooth-moving lid for quick and easy loading and unloading
- ▶ Optimum view of the work area thanks to interior lighting and large viewing window
- ▶ Efficient cleaning and drying thanks to cleaning gun with dual function
- ▶ Automatic switch-off when the solvent level is low or the lid is open
- ▶ Integrated compressed air connection for a reliable air supply



- Digital temperature control
- Analogue setting of the air pressure



- Efficient cleaning and drying thanks to cleaning gun with dual function



- Integrated fill level indicator for the cleaning medium

Model		TWG 1 H
Art. no.		6220011

Technical data		
Cleaning agent Volume flow	l/min	0.8
Cleaning agent tank contents	l	8 – 14
Max. weight on the support grid	kg	40
Temperature max.	°C	50
Working pressure	bar	5 – 8
Requirement approx.	l/min	140
Connection thread	"	1/4
Power consumption 230 V/~50 Hz	kW	1.25
Work cabin volume	l	140
Hand hole diameter	mm	100
Dimensions (L x W x H) approx.	mm	790x610x1260
Weight approx.	kg	46

Accessories	Art. no.
Cleaning and blow-out gun	6231000
Fluorescent tube	6231001
Viewing window	6231002
Gloves	6231003

SANDBLASTERS



Sandblasting cabinets

SSK series sandblasting cabinet - for clean blasting work without contaminating the working environment

- ▶ Suitable for various blasting materials, e.g. quartz, glass beads, plastic beads, nutshells, etc.
- ▶ Ideal for removing paint or for cleaning and derusting metal parts of all kinds
- ▶ High-quality latex work gloves are firmly attached to the housing
- ▶ Viewing window with bonded protective film enables optimum visibility and occupational safety during workpiece processing
- ▶ Dust-free working thanks to all-round seals on the lid and door frame
- ▶ Sturdy storage grid enables workpieces to be placed in the cabin interior
- ▶ With drain opening for changing the blasting material
- ▶ Extraction pipe for the blasting material at the bottom of the collection container
- ▶ With compressed air connection on the outside
- ▶ Glass bead blasting media, corundum blasting media, silicon carbide, plastic blasting media and much more can be used

Scope of delivery:

- > High-quality blasting gun with ceramic nozzle
- > 5 replacement films for viewing window
- > 4 ceramic nozzles (4/5/6/7 mm)

Info & Video



Suitable compressors can be found in the AIRCRAFT main catalogue and on www.aircraft-kompressoren.com



SSK 1
▶ 12-volt fluorescent tube with 230-volt power supply unit and external switch

- Scope of delivery:**
- > 3 ceramic nozzles (3.5 mm)
 - > 3 replacement films for viewing window



SSK 1.5
▶ Regulation of the working pressure via pressure regulator with pressure gauge
▶ Air flow is controlled via foot pedal
▶ 12-volt fluorescent tube with 230-volt power supply unit and external switch
▶ Integrated extraction system with replaceable air filter

Usable grain sizes

U.S. mesh	inch	mm	µm
60	0.0098	0.250	250
70	0.0083	0.210	210
80	0.0070	0.177	177
100	0.0059	0.149	149
120	0.0049	0.125	125

Model	SSK 1	SSK 1.5
Art. no.	6204000	6204010
Technical data		
Work cabin volume	90 l	25.4 l
Air requirement approx.	200 – 350 l/min	196 l/min
Working pressure	2.8 – 8.0 bar	5.5 – 7.9 bar
Max. inlet pressure	8.6 bar	8.5 bar
Compressed air connection	3/8"	1/4"
Abrasive grain size (recommended)	0.2 – 0.3 mm	0.2 – 0.3 mm
Abrasive grain size (maximum)	0.125 – 0.45 mm	0.125 – 0.45 mm
Cabin internal dimensions (L x W x H) approx.	580 x 480 x 300 mm	410 x 310 x 200
External dimensions (L x W x H) approx.	590 x 485 x 490 mm	475 x 370 x 370
Weight approx.	17.25 kg	12.5 kg
Weight on the support grid max.	10 kg	10 kg
Weight of the blasting material max.	12 kg	5.45 kg

Accessories for SSK 1

- Gloves**
Art. no. 6204100
- Sandblasting gun**
Art. no. 6204101
- Filters**
Art. no. 6204102
- Protective film (pack of 5)**
Art. no. 6204103
- Viewing window**
Art. no. 6204104
- Ceramic nozzle set 4/5/6/7mm**
Art. no. 6204130
- Composite nozzle 6mm**
Art. no. 6204132
- LED light tube**
Art. no. 6204114

Accessories for 1.5

- Gloves**
Art. no. 6204160
- Filters**
Art. no. 6204162
- Ceramic nozzle 3.5mm**
Art. no. 6204163
- Protective film (pack of 5)**
Art. no. 6204164
- Viewing window**
Art. no. 6204165
- LED light tube**
Art. no. 6204166

Scope of delivery:

- > High-quality blasting gun with ceramic nozzle
- > 5 replacement films for viewing window
- 4 ceramic nozzles (4/5/6/7 mm)

Scope of delivery:

- > High-quality blasting gun with ceramic nozzle
- > 5 replacement films for viewing window
- 4 ceramic nozzles (4/5/6/7 mm)



· Fig. shows SSK 2 application



· Fig. shows SSK 2.5 application

SSK 2

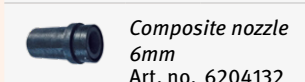
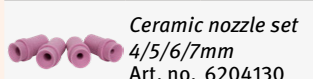
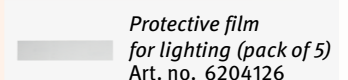
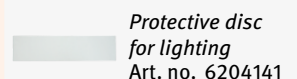
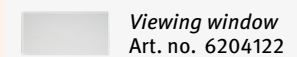
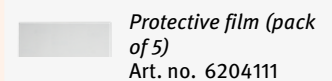
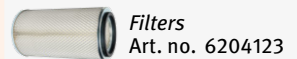
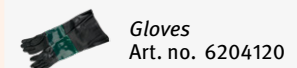
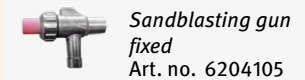
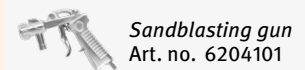
- ▶ A large door at the side for loading and unloading
- ▶ Two exhaust air openings (1 exhaust air connection Ø 92 mm and 1 exhaust air connection Ø 64 mm) for the connection of an exhaust system
- ▶ 12-volt fluorescent tube with 230-volt power supply unit and external switch

SSK 2.5

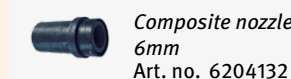
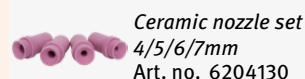
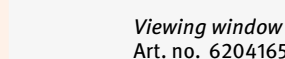
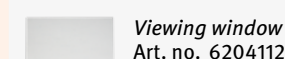
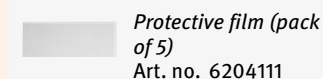
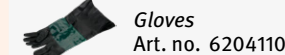
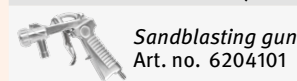
- ▶ Two, large side doors for loading and unloading on both sides, even for longer workpieces
- ▶ Integrated extraction system with replaceable air filter
- ▶ Air flow is controlled via foot pedal
- ▶ Two blasting pistols: One fixed and one freely movable blasting gun
- ▶ Three separate switches for on/off, extraction and cabin lighting
- ▶ Two fluorescent tubes (230 V), in separate housing with protective screen and replaceable protective film, incl. 5 replacement films
- ▶ Regulation of the working pressure via pressure regulator with pressure gauge

Model	SSK 2	SSK 2.5
Art. no.	6204001	6204003
Technical data		
Work cabin volume	220 l	310 l
Air requirement, approx.	200– 350 l/min	200– 350 l/min
Working pressure	2.8 – 8.0 bar	4.1 – 8.0 bar
Max. inlet pressure	8.6 bar	8.3 bar
Compressed air connection	3/8"	3/8"
Abrasive grain size (recommended)	0.2 – 0.3 mm	0.2 – 0.3 mm
Abrasive grain size (maximum)	0.125 – 0.45 mm	0.125 – 0.45 mm
Suction capacity	–	7.9 m³/h
Suction system power consumption	–	1200 W
Vacuum extraction system	–	8.5 kPa
Volume flow extraction system	–	156 m³/h
Cabin internal dimensions (L x W x H) approx.	840 x 550 x 360 mm	945 x 605 x 605 mm
External dimensions (L x W x H) approx.	950 x 660 x 1380 mm	960 x 900 x 1640 mm
Weight approx.	48 kg	90 kg
Weight on the support grid max.	80 kg	120 kg
Weight of the blasting material max.	50 kg	50 kg

Accessories for SSK 2.5



Accessories for SSK 2



Sandblasting cabinets

SSK series sandblasting cabinet - for clean blasting work without contaminating the working environment

- ▶ Suitable for various blasting materials, e.g. quartz, glass beads, plastic beads, nutshells, etc.
- ▶ Ideal for removing paint or for cleaning and derusting metal parts of all kinds
- ▶ High-quality latex work gloves are firmly attached to the housing
- ▶ Viewing window with bonded protective film enables optimum visibility and occupational safety during workpiece processing

Scope of delivery:

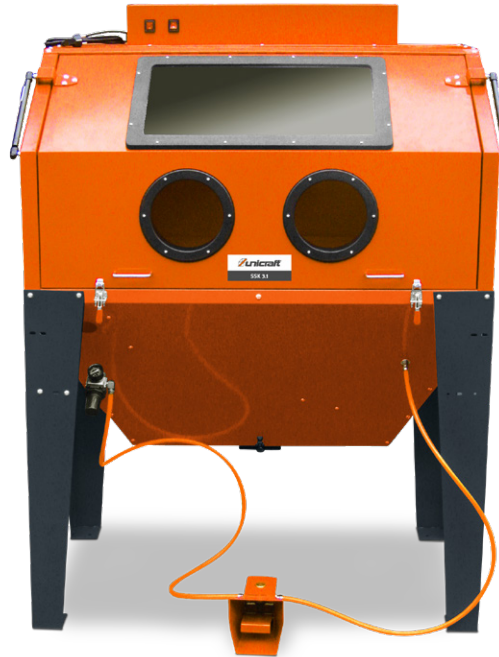
- > High-quality blasting gun with ceramic nozzle
- > 5 replacement films for viewing window
- > 4 ceramic nozzles (2 x 6 mm / 2 x 7 mm)



Suitable compressors can be found in the AIRCRAFT main catalogue and on www.aircraft-kompressoren.com

Usable grain sizes

U.S.mesh	inch	mm	µm
60	0.0098	0.250	250
70	0.0083	0.210	210
80	0.0070	0.177	177
100	0.0059	0.149	149
120	0.0049	0.125	125



SSK 3.1

- ▶ Very large, top-opening front flap with gas struts for quick and easy loading and unloading
- ▶ Integrated extraction system with replaceable air filter
- ▶ Blasting gun without finger trigger - Air flow is controlled via foot pedal
- ▶ Two fluorescent tubes (230 V), in separate housing with protective screen and replaceable protective film, including 5 replacement films
- ▶ Light switch with dual function: Extraction and cabin lighting are switched on and off simultaneously
- ▶ Regulation of the working pressure via pressure regulator with pressure gauge



· Fig. shows SSK 3.1 with front flap opening wide upwards



· Integrated extraction system with replaceable air filter

Accessories for SSK 3.1



Gloves
Art. no. 6204120



Protective film (pack of 5)
Art. no. 6204111



Viewing window
Art. no. 6204122



Filters
Art. no. 6204123



Sandblasting gun
Art. no. 6204124



LED light tube
Art. no. 6204128



Protective disc for lighting
Art. no. 6204125



Protective film for lighting (pack of 5)
Art. no. 6204126



Ceramic nozzle set
2 x 6 mm / 2 x 7 mm
Art. no. 6204131



Boron carbide nozzle
6 mm
Art. no. 6204133



Boron carbide nozzle
7 mm
Art. no. 6204134

Model	SSK 3.1
Art. no.	6204005
Technical data	
Work cabin volume	420 l
Air requirement, approx.	300 l/min
Working pressure	3.4 – 8.0 bar
Max. inlet pressure	8.6 bar
Compressed air connection	3/8"
Abrasive grain size (recommended)	0.2 – 0.3 mm
Abrasive grain size (maximum)	0.125 – 0.45 mm
Suction capacity	18 m³/h
Suction system power consumption	1200 W
Vacuum extraction system	8.5 kPa
Volume flow extraction system	156 m³/h
Cabin internal dimensions (L x W x H) approx.	1170 x 610 x 580 mm
External dimensions (L x W x H) approx.	1220 x 945 x 1700 mm
Weight approx.	124 kg
Weight on the support grid max.	130 kg
Weight of the blasting material max.	75 kg

- ▶ Dust-free working thanks to all-round seals on the lid and door frame
- ▶ Sturdy storage grid enables workpieces to be placed in the cabin interior

- ▶ With drain opening for changing the blasting material
- ▶ Extraction pipe for the blasting material at the bottom of the collection container

- ▶ With compressed air connection on the outside
- ▶ Glass bead blasting media, corundum blasting media, silicon carbide, plastic blasting media and much more can be used



Scope of delivery:

- > High-quality blasting gun with ceramic nozzle
- > 5 replacement films for viewing window
- > 4 ceramic nozzles (2 x 6 mm / 2 x 7 mm)

SSK 4

- ▶ Very large, top-opening front flap with gas struts for quick and easy loading and unloading
- ▶ Integrated extraction system with replaceable air filter
- ▶ Blasting gun without finger trigger - Air flow is controlled via foot pedal

- ▶ Two fluorescent tubes (230 V), in separate housing with protective screen and replaceable protective film, including 5 replacement films
- ▶ Two separate switches for extraction and cabin lighting
- ▶ Regulation of the working pressure via pressure regulator with pressure gauge
- ▶ Cross struts on the feet enable easy transport with a pallet truck

Model	SSK 4
Art. no.	6204004
Technical data	
Work cabin volume	990 l
Air requirement approx.	300 l/min
Working pressure	3.4 – 8.0 bar
Max. inlet pressure	8,6 bar
Compressed air connection	3/8"
Abrasive grain size (recommended)	0.2 – 0.3 mm
Abrasive grain size (maximum)	0.125 – 0.45 mm
Suction capacity	18 m³/h
Suction system power consumption	1200 W
Vacuum extraction system	8.5 kPa
Volume flow extraction system	156 m³/h
Cabin internal dimensions (L x W x H) approx.	1160 x 870 x 850 mm
External dimensions (L x W x H) approx.	1320 x 1200 x 1760 mm
Weight approx.	160 kg
Weight on the support grid max.	130 kg
Weight of the blasting material max.	60 kg



· Fig. shows SSK 4 application



· Integrated extraction system with replaceable air filter

Accessories for SSK 4



Sandblasting gun
Art. no. 6204124



Gloves
Art. no. 6204120



Filters
Art. no. 6204123

Protective film (pack of 5)
Art. no. 6204151

Viewing window
Art. no. 6204150



LED light tube
Art. no. 6204155

Protective disc for lighting
Art. no. 6204154

Protective film for lighting (pack of 5)
Art. no. 6204153



Ceramic nozzle set
2 x 6 mm / 2 x 7 mm
Art. no. 6204131



Boron carbide nozzle
6 mm
Art. no. 6204133



Boron carbide nozzle
7 mm
Art. no. 6204134

Sandblasting cabinets

Sandblasting cabinet SSK 5 – for clean blasting work without contaminating the working environment

- ▶ Suitable for various blasting materials, e.g. quartz, glass beads, plastic beads, nutshells, etc.
- ▶ Ideal for cleaning, derusting or paint removal
- ▶ No troublesome turning of workpieces thanks to door opening via gas struts on both sides of the cabin
- ▶ Blasting gun installed on both sides with foot pedal operation for fast and efficient sandblasting
- ▶ Integrated extraction system with replaceable air filter for optimum visibility
- ▶ High-quality latex work gloves are firmly attached to the housing
- ▶ Optimum view thanks to protective screen with replaceable glass protection film
- ▶ Dust-free working thanks to all-round seals on the lid and door frame
- ▶ Sturdy storage grid enables workpieces to be placed in the cabin interior
- ▶ With drain opening for changing the blasting material
- ▶ Extraction pipe for the blasting material at the bottom of the collection container
- ▶ Four fluorescent tubes (230 V), in separate housing with protective screen and replaceable protective film for a well-lit work area
- ▶ Two separate switches for extraction and cabin lighting
- ▶ Regulation of the working pressure via pressure regulator with pressure gauge
- ▶ Cross struts on the feet enable easy transport with a pallet truck
- ▶ Pneumatic safety cut-out when the door is opened

Scope of delivery:

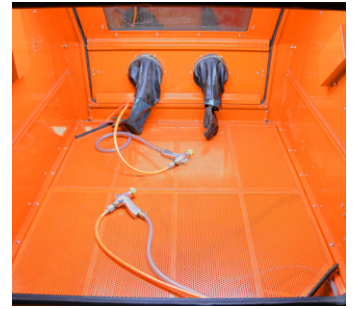
- > Ceramic nozzles 6/6/7/7 mm
- > 2 blasting guns
- > 12 replacement films for viewing window
- > 6 protective films for fluorescent tubes



Usable grain sizes

U.S. mesh	inch	mm	µm
60	0.0098	0.250	250
70	0.0083	0.210	210
80	0.0070	0.177	177
100	0.0059	0.149	149
120	0.0049	0.125	125

Model	SSK 5
Art. no.	6204006
Technical data	
Work cabin volume	1,200 l
Air requirement approx.	600 l/min
Working pressure	3.4 – 8.0 bar
Max. inlet pressure	8.6 bar
Compressed air connection	3/8"
Abrasive grain size (recommended)	0.2 – 0.3
Abrasive grain size (maximum)	0.125 – 0.45
Suction capacity	36 m³/h
Cabin internal dimensions (L x W x H) approx.	1300 x 1180 x 825 mm
External dimensions (L x W x H) approx.	1524 x 1399 x 1839 mm
Weight approx.	215
Weight on the support grid max.	220
Weight of the blasting material max.	60



- Latex gloves and blasting guns mounted on both sides for blasting bulky workpieces from both sides without turning over



- Access from both sides via doors for easy handling of workpieces

Accessories for SSK 5.0



Sandblasting gun
Art. no. 6204124



Gloves
Art. no. 6204120



Filters
Art. no. 6204123

Protective film (pack of 5)
Art. no. 6204151

Viewing window
Art. no. 6204150

LED light tube
Art. no. 6204155

Protective disc for lighting
Art. no. 6204154

Protective film for lighting (pack of 5)
Art. no. 6204153



Ceramic nozzle set
2 x 6 mm / 2 x 7 mm
Art. no. 6204131



Boron carbide nozzle
6 mm
Art. no. 6204133



Boron carbide nozzle
7 mm
Art. no. 6204134

Cyclone extraction system ZAA 34 –

Highly efficient and powerful, with two-stage separation system

- ▶ Clean exhaust air through separation of the dust in the cyclone separator and cartridge filter
- ▶ Particles are collected in a drawer that can be emptied quickly and easily
- ▶ Effective cartridge filter with large filter surface, easy to remove for cleaning or replacement
- ▶ Compact installation dimensions
- ▶ **Ideal for SSK 4 and SSK 5**



- Clean exhaust air thanks to efficient cartridge filter
- Particles are collected in the drawer and can be disposed of quickly



- Cyclone separator removes up to 95 % of dust from the extraction air in the first step

Scope of delivery:

- > Filter cartridge
- > Hose Ø 100 mm Length 750 mm
- > Hose Ø 100 mm Length 1500 mm

Model		ZAA 34
Art. no.		6204090

Technical data		
Nominal volume flow	m ³ /h	900
Filter area	m ²	4.42
Motor power 230 V/~50 Hz	W	0.55
Noise level	dB(A)	75
Suction nozzle Ø	mm	101
Dimensions (L x W x H) approx.	mm	520 x 880 x 1370
Weight approx.	kg	50



Accessories

	Art. no.
① Filter cartridge for ZAA 34	6204095
Hose Ø100 mm Length 750 mm	6204096
Hose Ø100 mm Length 1500 mm	6204097

Sandblasters

Mobile sandblasting unit MSSG 105 A - Integrated suction for clean working

- ▶ Ideal for blasting work in hard-to-reach areas and on large objects, e.g. vehicles
- ▶ Blasting agent is extracted and returned immediately after hitting the surface
- ▶ Clean exhaust air thanks to integrated filter
- ▶ Easy manoeuvring thanks to stable chassis with large wheels
- ▶ Collection container can be easily removed for emptying
- ▶ Robust device

Scope of delivery:

- › Sandblasting gun with brush
- › Ceramic nozzle 7mm
- › Compressed air hose, length 2.5 m, internal Ø 9 mm
- › Intake hose length 2.5 m, internal Ø 12 mm
- › Suction hose length 2.5 m, inner Ø 35 mm
- › European compressed air coupling



• Clean exhaust air thanks to integrated filter



• Blasting agent is extracted and returned immediately after hitting the surface

Model		MSSG 105A
Art. no.		6204030

Technical data		
Average air requirement approx.	l/min	420
Maximum air requirement under load, approx.	l/min	616
Abrasive grain size (recommended)	mm	0.18 – 0.25
Abrasive grain size (maximum)	mm	0.15 – 0.45
Nozzle diameter	mm	7
Working pressure	bar	5.5 – 7.9
Tank volume	l	106
Electrical data		
Power consumption 230 V/~50 Hz	kW	1.2
Dimensions and weights		
Dimensions (L x W x H) approx.	mm	612 x 404 x 1040
Weight approx.	kg	27

Accessories	Art. no.
Sandblasting gun with brush	6204210
Ceramic nozzle 7mm	6204211
Extraction hose Ø 50 mm / length 2.5 m	6204212

Compressed air hand-held sandblaster DHS 1 – For paint stripping and rust removal

- ▶ Perfect for restoring cars, motorcycles, boats and tractors
- ▶ Inner and outer edge attachments suitable for door edges, bumpers or sills
- ▶ Four nozzles for different applications included in the scope of delivery
- ▶ Spot machining is also possible without dismantling the component
- ▶ Low-dust work thanks to collection bag

Scope of delivery:

- › Nozzle 4.5 mm for spot machining
- › Nozzle 4.5 mm for surface processing
- › Nozzle 4.5 mm for outer edge processing
- › Nozzle 4.5 mm for inside edge processing
- › Collecting bag
- › Brass plug nipple with 1/4" external thread



Model		DHS 1
Art. no.		6204200

Technical data		
Abrasive grain size	mm	0.12 – 0.25
Nozzle diameter	mm	4.5
Tank volume	l	0.9
Average air requirement approx.	l/min	200 – 350
Working pressure	bar	2.8 – 8.0
Inlet pressure max.	bar	8.6
Connection thread	"	1/4
Dimensions (L x W x H) approx.	mm	330 x 100 x 250
Weight approx.	kg	0.85

Accessories	Art. no.
① Replacement nozzle	6204201
② Collecting bag	6204202
③ Nozzle attachment set consisting of:	
• Nozzle for spot machining	6204203
• Nozzle for surface processing	
• Nozzle for outer edge processing	
• Nozzle for inside edge processing	



WORKSHOP SUPPLIES



Stools/chairs/standing aids

Assembly stool MH 1

- ▶ Wipe-clean assembly stool
- ▶ Robust steel construction with swivel rollers
- ▶ Practical tool tray
- ▶ Pneumatically height-adjustable seat



Model	MH 1
Art. no.	6201900

Technical data	
Load capacity	100 kg
Seat height	440 – 530 mm
Dimensions (L x W x H) approx.	380 x 380 x 440 mm
Weight approx.	5.7 kg

Assembly stool MH 2 – with practical tool tray

- ▶ Practical tool tray with subdivision
- ▶ Steel construction with swivel rollers
- ▶ Wipe-clean and upholstered seat



Model	MH 2
Art. no.	6201902

Technical data	
Static vertical load max.	136 kg
Seat height	380 mm
Dimensions (L x W x H) approx.	365 x 370 x 380 mm
Weight approx.	4.6 kg

Assembly stool MH-S 3 – with drawers for tool storage

- ▶ Three drawers for tool storage
- ▶ Practical can and bottle holders
- ▶ Steel construction with swivel rollers
- ▶ Wipe-clean and upholstered seat



Model	MH-S 3
Art. no.	6201903

Technical data	
Static vertical load max.	120 kg
Seat height	367 mm
Dimensions (L x W x H) approx.	370 x 400 x 367 mm
Weight approx.	8.8 kg

Swivel stool DH 1

- ▶ Standing aid seat made of PUR integral foam
- ▶ Sit-stand support
- ▶ Flat base, polished (Ø 610 mm) with double rollers (Ø 65 mm)
- ▶ 5-year warranty*

Model	DH 1
Art. no.	6800030

Technical data	
Load capacity	120 kg
Seat tilt	+2° to +15°
Seat height	460 – 610 mm
Seat width	390 mm
Seat depth	350 mm
Colour	Black

Made in Germany



Standing support SH 1

- ▶ Standing aid seat made of PUR integral foam
- ▶ Sit-stand support
- ▶ Flat base, polished (Ø 655 mm)
- ▶ Seat-stop rollers (Ø 65mm)
- ▶ Unloaded braked - loaded blocked
- ▶ 5-year warranty*

Model	SH 1
Art. no.	6800025

Technical data	
Load capacity	120 kg
Seat tilt	+2° to +15°
Seat height	690 – 900 mm
Seat width	390 mm
Seat depth	350 mm
Colour	Black

Made in Germany



AS 2 work chair

- ▶ Backrest and seat PUR integral foam
- ▶ Die-cast aluminium base, polished (Ø 655 mm) with double rollers (Ø 65 mm)
- ▶ Height adjustment with safety gas spring
- ▶ 5-year warranty*



Model	AS 2	AS 1	HS 1
Art. no.	6800036	6800035	6800020

Technical data			
Load capacity	kg	120	
Backrest inclination	°	0 – -20	-8 – +10
Seat tilt	°	0 – 5	-4 – +10
Seat height	mm	495 – 640	460 – 640
Seat width	mm	465	460
Seat depth	mm	460	435
Colour		Black	

AS 1 work chair

- ▶ With adjustable backrest pressure
- ▶ XL backrest made of PUR integral foam
- ▶ With extended back bar
- ▶ Seat made of PUR integral foam
- ▶ Flat base, polished (Ø 655 mm) with double rollers (Ø 65 mm)
- ▶ Incl. armrest
- ▶ Safety armrest made of hard plastic
- ▶ 5-year warranty*



High chair HS 1

- ▶ With adjustable backrest pressure
- ▶ XL backrest made of PUR integral foam
- ▶ Seat made of PUR integral foam
- ▶ Flat base, polished (Ø 713 mm) with seat-stop rollers (Ø 65 mm)
- ▶ Unloaded braked - loaded blocked
- ▶ 5-year warranty*

Accessories for HS 1	Art. no.
Armrest	6800040

Roller boards MRB 40 KS and KRL 1

MRB 40 KS

- ▶ Wipe-clean plastic mounting roller board
- ▶ Ergonomic with padded headrest, handle and six oil-resistant swivel castors
- ▶ Practical side shelves

KRL 1

- ▶ Rolling lounge can be folded into an assembly stool or for space-saving storage
- ▶ Robust steel construction with upholstered lying/seating surface and seven swivel castors

Model	MRB 40 KS	KRL 1
Art. no.	6201801	6201802

Technical data	MRB 40 KS	KRL 1
Max. load capacity	120 kg	120 kg
Dimensions (L x W x H) approx.	1010 x 475 x 130 mm	1020 x 400 x 140 mm (lounge) 485 x 400 x 440 mm (stool)
Weight approx.	4.8 kg	6.7 kg

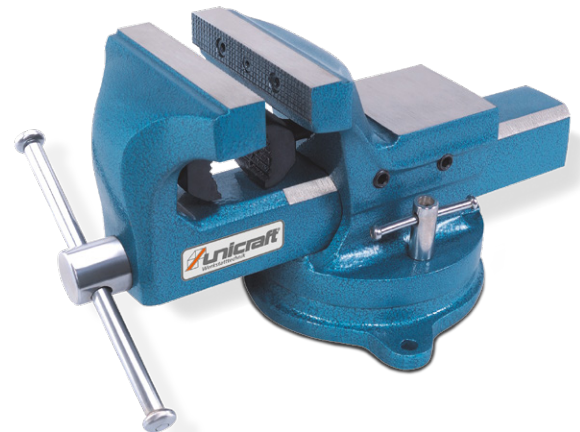


Vices - with tubular clamping jaws and rotary disc

- ▶ Front-opening quality vices made from break-proof cast iron
- ▶ Interchangeable clamping jaws with serrated teeth
- ▶ Adjustable guide ensures parallel clamping
- ▶ With removable pipe clamping jaws
- ▶ Large anvil area for smaller straightening and upsetting work
- ▶ Spindle guide in the housing, thus optimised protection against damage and dirt
- ▶ Foot can be rotated through 360° with locking option
- ▶ Hammer blow blue lacquered

Model	Vice 100 mm	Vice 125 mm	Vice 150 mm	Vice 175 mm
Art. no.	6350100	6350125	6350150	6350175

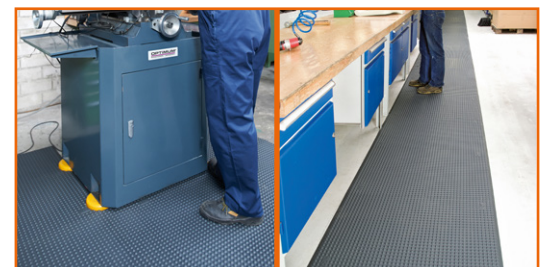
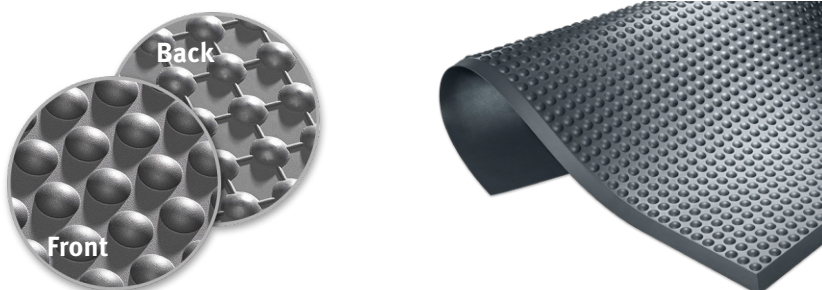
Technical data	Vice 100 mm	Vice 125 mm	Vice 150 mm	Vice 175 mm
Jaw width	100 mm	125 mm	150 mm	175 mm
Span min.	102 mm	125 mm	152 mm	180 mm
Clamping depth	66 mm	82 mm	104 mm	108 mm
Anvil size	73 x 58 mm	78 x 73 mm	90 x 84 mm	104 x 99 mm
Total length	305 mm	355 mm	455 mm	530 mm
Turntable	128 mm	145 mm	165 mm	190 mm
Holes in the turntable Ø	10.3 mm	13.5 mm	14 mm	14 mm
Weight approx.	8.3 kg	12.4 kg	18.4 kg	27.4 kg



Workplace mats – for dry and wet areas

Made in Germany

- ▶ Fire retardant
- ▶ Made of polyurethane on polyether basis
- ▶ Surface: nubbed
- ▶ 5-year warranty
- ▶ Underside: nubbed for maximum standing comfort and slip resistance
- ▶ Ergonomic floor covering for standing workstations
- ▶ Oil and petrol resistant



Model	Work mat 1840 x 640 mm	Work mat 1840 x 940 mm	Work mat 1840 x 640 mm	Work mat 1840 x 940 mm
Art. no.	6800000	6800005	6800001	6800006

Technical data	Work mat 1840 x 640 mm	Work mat 1840 x 940 mm	Work mat 1840 x 640 mm	Work mat 1840 x 940 mm
Thickness	14 mm	14 mm	14 mm	14 mm
Colour	anthracite	anthracite	anthracite	anthracite
Temperature resistance	-35 °C to +95 °C	-35 °C to +95 °C	-35 °C to +95 °C	-35 °C to +95 °C
Fire class	B1 as per DIN 4102	B1 as per DIN 4102	B1 as per DIN 4102	B1 as per DIN 4102
Dimensions (L x W) approx.	1840 x 640 mm	1840 x 940 mm	3040 x 640 mm	3040 x 940 mm
Weight approx.	6 kg	9 kg	10.5 kg	15 kg

FANS



Axial fans, MV series – Portable

- ▶ Fresh air supply in poorly ventilated or closed rooms such as cellars
- ▶ Removal of humid air, warm air, welding fumes, smoke, exhaust fumes or odours
- ▶ Cooling, ventilation, drying and air circulation in large rooms such as factory halls, workshops, warehouses, construction sites, etc.
- ▶ Housing made of high-density polypropylene for long durability
- ▶ Large fan wheel generates a large volume of air

Accessory

- ▶ Ventilation and air circulation even over longer distances after connecting the air transport hoses available as accessories
- ▶ Longer hose distances possible by connecting several air transport hoses



MV 300 P



MV 400 P

Model		MV 300 P	MV 400 P
Art. no.		6261030	6261040

Technical data			
Motor speed	rpm	2850	2850
Max. air volume	m ³ /h	3230	7220
Outlet diameter	mm	285	392
Intake diameter	mm	285	392
Sound pressure level	dB(A)	84.5	86.5
Power consumption S1	W	750	750
Connection voltage	V/Hz	230/~50	230/~50
Dimensions (L x W x H) approx.	mm	495 x 385 x 520	560 x 545 x 590
Weight approx.	kg	13.5	17



Accessories MV 300 P	Article no.
Air transport hose Ø 300 mm length 10m	6260130
Accessories MV 400 P	Article no.
Air transport hose Ø 400 mm length 10m	6260140

Axial fans series MVT – Portable incl. air transport hose in a practical transport box

- ▶ Fresh air supply in poorly ventilated or closed rooms such as cellars
- ▶ Removal of humid air, warm air, welding fumes, smoke, exhaust fumes or odours
- ▶ Cooling, ventilation, drying and air circulation in large rooms such as factory halls, workshops, warehouses, construction sites, etc.
- ▶ Housing made of high-density polypropylene for long durability
- ▶ Large fan wheel generates a large air volume

Accessory

- ▶ Ventilation and air circulation even over longer distances after connecting the air transport hoses available as accessories
- ▶ Longer hose distances possible by connecting several air transport hoses

Scope of delivery:

› Air transport hose 10 m



MVT 300 P SET



Model		MVT 200 P SET	MVT 300 P SET
Art. no.		6261021	6261031

Technical data			
Motor speed	rpm	2900	2850
Max. air volume	m ³ /h	1560	3220
Outlet size	mm	Ø 183	Ø 248
Intake diameter	mm	Ø 216	Ø 320
Sound pressure level	dB(A)	77	84.5
Power consumption S1	W	225	750
Connection voltage	V/Hz	230/~50	230/50
Dimensions (L x W x H) approx.	mm	335 x 330 x 370	450 x 450 x 495
Weight approx.	kg	7	12



MVT 200 P SET	Article no.
Air transport hose Ø 200 mm length 10m	6260120
MVT 300 P SET	Article no.
Air transport hose Ø 300 mm length 10m	6260130

Mobile fans

MV series fans – Mobile for industrial use

Areas of application

- ▶ Removal of humid air, warm air, welding fumes, smoke, exhaust fumes or odours
- ▶ Supply of fresh air in poorly ventilated areas
- ▶ Cooling, ventilating, drying and ventilating large rooms such as factory halls, workshops, warehouses, construction sites, etc.

Accessory

- ▶ Ventilation and air circulation even over longer distances after connecting the air transport hoses available as accessories
- ▶ Longer hose distances possible by connecting several air transport hoses



Air transport hose

Length 10 m,
Longer hose distances possible by connecting several hoses,
Operating temperature -20 to +80 °C

Accessory	Art. no.
300 mm	6260130
500 mm	6260150
600 mm	6260160
800 mm	6260180



MV 30

- ▶ Portable model with handle
- ▶ Four rubber feet for a stable, low-vibration stand



MV 50



MV 60



MV 80

Scope of delivery MV 30:

- > Carrying handle
- > 4 rubber feet

Scope of delivery MV 50:

- > 2 swivel rollers
- > 2 fixed rollers

MV 60 scope of delivery:

- > 2 swivel rollers
- > 2 fixed rollers

MV 80 scope of delivery:

- > 2 swivel rollers
- > 2 fixed rollers

Model		MV 30	MV 50	MV 60	MV 80
Art. no.		6260030	6260050	6260060	6260080
Technical data					
Speed	min ⁻¹	2800	1400	1400	960
Max. air volume	m ³ /h	3900	9000	14400	25200
Basket Ø	mm	380	580	685	880
Paddle wheel Ø	mm	300	500	600	800
Protection class		IP55	IP55	IP55	IP55
Power	W	500	1100	2000	2200
Voltage	V/Hz	230/~50	230/~50	230/~50	230/~50
Dimensions (L x W x H) approx.	mm	420 x 380 x 380	670 x 670 x 485	770 x 770 x 575	975 x 800 x 970
Weight approx.	kg	15	39	64	84

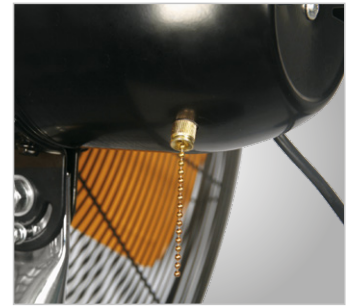
Pedestal fan SV 760-3 –

In sturdy all-metal design with three speeds

- ▶ Direct-drive motor with copper winding
- ▶ Three high-performance fan blades made of balanced steel
- ▶ Height continuously variable
- ▶ Powder-coated protective grille
- ▶ Sturdy metal base for high stability

Model		SV 760-3
Art. no.		6265273

Technical data		
Max. air volume	m ³ /h	10092
Speed levels		3
Basket diameter	mm	800
Rotor diameter	mm	720
Drive motor power	kW	0.2
Connection voltage	V/Hz	230 / 50
Dimensions (L x W x H) approx.	mm	900 x 310 x 900
Weight approx.	kg	13.85



· Speed adjustable in three stages via pull chain



· Height infinitely adjustable

Floor fan BV 300-3 / 500-3 –

in sturdy all-metal design with three speeds

- ▶ Direct-drive motor with copper winding
- ▶ Three high-performance fan blades made of balanced steel
- ▶ Fan angle easily adjustable
- ▶ Powder-coated protective grille
- ▶ Solid rubber feet for high stability



BV 500-3

Model		BV 300-3	BV 500-3
Art. no.		6265133	6265153

Technical data			
Max. air volume	m ³ /h	1870 / 2125 / 2465	6290 / 7310 / 7650
Speed levels		3	3
Basket diameter	mm	390	560
Rotor diameter	mm	300	490
Drive motor power	W	52	180
Connection voltage	V/Hz	230 / ~50	230 / ~50
Dimensions (L x W x H) approx.	mm	390 x 160 x 380	590 x 210 x 380
Weight approx.	kg	3.1	6.4



· Speed adjustable in three stages



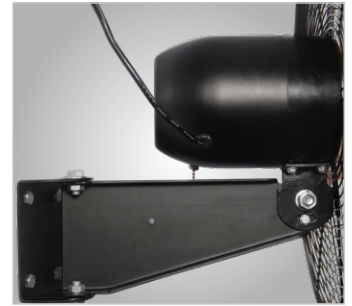
Fan angle easily adjustable

Fans

Wall fan WV 610-2 – in sturdy all-metal design with two speeds

- ▶ Direct-drive motor with copper winding
- ▶ Three high-performance fan blades made of balanced steel
- ▶ Fan angle easily adjustable in two axes
- ▶ Powder-coated protective grille
- ▶ Wall bracket included

Model		WV 610-2
Art. no.		6265362
Technical data		
Air volume	m ³ /h	7820 / 9010 / 9860
Speed levels		3
Basket diameter	mm	650
Rotor diameter	mm	580
Drive motor power	W	180
Connection voltage	V/Hz	230 / 50
Dimensions (L x W x H) approx.	mm	650 x 420 x 830
Weight approx.	kg	7.6



· Fan angle easily adjustable in two axes

MV series wall fan – mobile model in sturdy all-metal design for mobile use

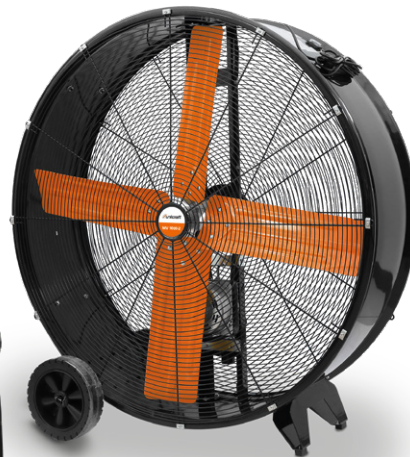
- ▶ Solid rubber feet for high stability
 - ▶ With practical transport handle
 - ▶ Powder-coated protective grille
- MV 610-3 / MV 760-3:**
- ▶ Direct-drive motor with copper winding
 - ▶ 3 high-performance fan blades made of balanced steel
- MV 1000-2:**
- ▶ Belt drive for quieter operation
 - ▶ 4 high-performance fan blades made of balanced steel



MV 610-3



MV 760-3



MV 1000-2



· Fan angle easily adjustable



· Rollable for mobile use



· With practical transport handle

Model		MV 610-3	MV 760-3	MV 1000-2
Art. no.		6265463	6265473	6265492
Technical data				
Max. air volume	m ³ /h	11786	12000	23800
Speed levels		3	3	2
Basket diameter	mm	640	810	1067
Rotor diameter	mm	610	720	1050
Drive motor power	kW	0.23	0.23	0.66
Connection voltage	V/Hz	230 / 50	230 / 50	230 / 50
Dimensions (L x W x H) approx.	mm	745 x 285 x 760	900 x 310 x 900	1100 x 510 x 1140
Weight approx.	kg	11.3	11.8	32

RV series centrifugal fans - Portable and compact

- ▶ Fresh air supply in poorly ventilated or closed rooms
- ▶ Ideal for drying paint, floors and carpets
- ▶ Large fan wheel generates a large air volume
- ▶ Centrifugal design generates higher air pressures than axial fans
- ▶ Device can be used in various positions
- ▶ With practical cable holder
- ▶ Housing made of high-density polypropylene for long durability



RV 145 P



RV 241 P



RV 270 P



- Device can be used in various positions

Model	RV 145 P	RV 241 P	RV 270 P
Art. no.	6262014	6262024	6262027
Technical data			
Power consumption S1	62 W	370 W	800 W
Motor speed	1300 min ⁻¹	1,100 min ⁻¹	1,400 min ⁻¹
Max. air volume	570 m ³ /h	1900/1730/1550 m ³ /h	2380/2200/2040 m ³ /h
Outlet size	233 x 67 mm	382 x 93 mm	423 x 88 mm
Intake diameter	Ø127 mm	Ø191 mm	288 mm
Sound pressure level	51 db(A)	76 db(A)	79 db(A)
Connection voltage	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Dimensions (L x W x H) approx.	275 x 300 x 320 mm	465 x 425 x 465 mm	495 x 490 x 470 mm
Weight approx.	3.5 kg	11.5 kg	16 kg

Centrifugal fans

Centrifugal fans RV series - Compact

- ▶ For extracting chips, smoke, gases, grains, wood and plastic particles and the like
- ▶ Curved fan wheels ensure energy-saving and low-noise operation
- ▶ High efficiency thanks to optimised design



Model		RV 230	RV 300	RV 305	RV 350
Art. no.		6264230	6264300	6264305	6264350
Technical data					
Max. air volume	m ³ /h	888	1914	2573	4212
Blade wheel diameter	mm	230	300	305	350
Air outlet velocity	m/s	32	41	41	46
Intake manifold diameter	mm	100	125	150	180
Outlet diameter	mm	125	150	150	180
Output power drive motor P2	kW	0.55	1.1	1.6	2.8
Motor speed	min ⁻¹	2850	2850	2850	2850
Sound pressure	dB(A)	80	87	87	89
Drive motor protection class		IP54	IP54	IP54	IP54
Voltage	V / Hz	230 / 50	230 / 50	400 / 50	400 / 50
Weight approx.	kg	15	30	31	50
Dimensions (L x W x H) approx.	mm	475 x 393 x 391	600 x 460 x 545	600 x 460 x 545	677 x 580 x 595



Wheelset



Polyurethane flexible hose, transparent with spiral

Accessory					Length	Art. no.
	RV 230	RV 300	RV 305	RV 350		
Wheelset	x					6264355
Wheelset		x	x	x		6264356
Polyurethane flexible hose Ø100mm	x				2.5 m	5142503-2.5
Polyurethane flexible hose Ø100mm	x				5 m	5142503-5
Polyurethane flexible hose Ø100mm	x				10 m	5142503
Polyurethane flexible hose Ø125mm	x	x			2.5 m	5142509-2.5
Polyurethane flexible hose Ø125mm	x	x			5 m	5142509-5
Polyurethane flexible hose Ø125mm	x	x			10 m	5142509

Accessory					Length	Art. no.
	RV 230	RV 300	RV 305	RV 350		
Polyurethane flexible hose Ø150mm		x	x		2.5 m	5142506-2.5
Polyurethane flexible hose Ø150mm		x	x		5 m	5142506-5
Polyurethane flexible hose Ø150mm		x	x		10 m	5142506
Polyurethane flexible hose Ø180mm				x	2.5 m	5142511-2.5
Polyurethane flexible hose Ø180mm				x	5 m	5142511-5
Polyurethane flexible hose Ø180mm				x	10 m	5142511

DEHUMIDIFIER



Dehumidifier

Dehumidifier LEF – with timer function

- ▶ Clear LED display for user-friendly operation
- ▶ Various modes such as continuous operation, auto mode and fan function possible
- ▶ Practical 24-hour timer function
- ▶ Desired humidity can be set in stages
- ▶ Condensate container can be easily removed
- ▶ Hose connection for continuous condensate drain
- ▶ Washable carbon filter for neutralising odours
- ▶ Practical carrying handle
- ▶ Cable holder at the rear

LEF 30

- ▶ Control via Wifi possible



› Clear control panel for setting the desired mode and humidity level



Dehumidify



LEF 12

Scope of delivery:

- › 1x condensate drain hose
- › 1x filter mat with filter frame



LEF 30

Model		LEF 12	LEF 30
Art. no.		6262040	6262045
Technical data			
Refrigerant		R290	R290
Dehumidification performance [®]	l/day	12	30
Operating temperature	°C	5 – 32	5 – 32
Recommended room volume	m ³	12–15	28 – 35
Max. air volume	m ³ /h	80 – 100	230
Sound pressure level	dB(A)	43	43
Input power	W	200	600
Electrical connection	V/Hz	230	230
Dimensions (L x W x H) approx.	mm	256 x 203 x 434	338 x 247 x 511
Weight approx.	kg	9.5	16.5

Accessories	Art. no.
Filter mat incl. filter frame (LEF 12)	6263040
Filter mat incl. filter frame (LEF 30)	6263041

LEF series dehumidifier - Reliable and efficient

- ▶ Suitable for drying buildings, damp rooms, e.g. after water damage or on construction sites
- ▶ To prevent condensation and mould formation
- ▶ Mobile, impact-resistant housing for long service life
- ▶ Equipped with temperature control, defrost control, self-monitoring system, automatic hygrostat control and environmentally friendly refrigerant R290
- ▶ Control unit equipped with Smart-Touch buttons, sequence display and operating hours counter
- ▶ With removable and washable filters for use in dusty rooms
- ▶ High performance with low power consumption
- ▶ Low noise level
- ▶ With practical cable holder
- ▶ Integrated condensate pump for pumping out the condensation water via the drain hose



Including operating hours counter

LEF 51 S



Control unit equipped with Smart Touch buttons, sequence display and operating hours counter



Folding bracket for space-saving storage

Scope of delivery:
 > Condensate drain hose 5 m

Model		LEF 51 S	LEF 71 S	LEF 91 S
Art. no.		6262051	6262071	6262091
Technical data				
Refrigerant		R290	R290	R290
Dehumidification performance*	l/day	50	70	90
Operating temperature	°C	1-36	1-36	1-36
Recommended room size	m ³	80	130	170
Max. air volume	m ³ /h	600	700	850
Outlet size	mm	303 x 285	317 x 280	317 x 280
Sound pressure level	dB(A)	42	45	48
Input power	W	550	750	960
Connection voltage	V/Hz	230 /50	230 /50	230 /50
Dimensions (L x W x H) approx.	mm	550 x 500 x 700	555 x 480 x 820	555 x 480 x 820
Weight approx.	kg	36	38.5	41

*The specification refers to 30°C and 80% humidity

Accessories LEF 51 S	Article no.
Filter mat incl. filter frame	6263050
Accessories LEF 71 S & LEF 91 S	Article no.
Filter mat incl. filter frame	6263070

AIR CONDITIONERS



Air conditioners PAC - Mobile air conditioner with Bluetooth and Wifi control

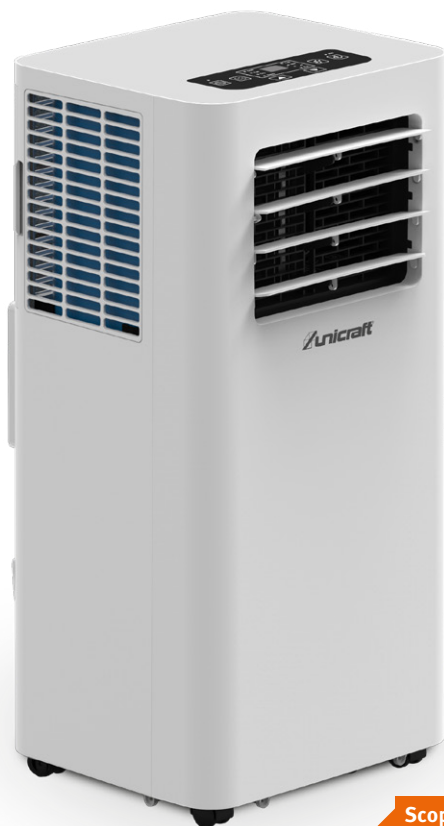
- ▶ Clear LED display for user-friendly operation
- ▶ Practical 24-hour timer function integrated
- ▶ Integrated sleep mode allows the set temperature to rise by 1 °C every two hours
- ▶ Connection for condensate drain, no manual draining necessary
- ▶ Can be conveniently controlled remotely via the supplied Bluetooth remote control or Wifi

- ▶ Removable air filter for effortless cleaning
- ▶ Good heat dissipation thanks to the supplied window kit
- ▶ Mobile thanks to four transport rollers
- ▶ Integrated thermostat

- ▶ **PAC 9000**
- ▶ Different modes: Cooling, ventilation and dehumidification possible

PAC 12000 H

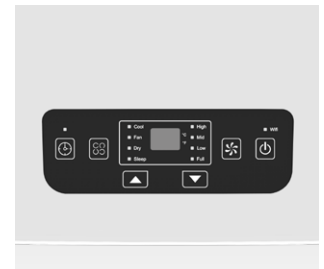
- ▶ Different modes: Cooling, ventilation, heating and dehumidification
- ▶ Practical heating function Up to 30 °C room temperature



PAC 9000

Scope of delivery:

- ▶ 1x condensate drain hose
- ▶ 1x exhaust air hose with window kit
- ▶ 1x remote control



› Clear control panel with display of current mode and actual temperature



› Window kit with exhaust air hose (1.5 m)

Model		PAC 9000	PAC 12000 H
Art. no.		6551220	6551225
Technical data			
Cooling capacity (kW)	kW	2.64	3.52
Cooling capacity (Btu/h)	Btu/h	9000	12000
Air volume Stage max.	m ³ / h	350	440
Number of fan stages		2	4
Temperature min.- max.	°C	16 – 30	16 – 30
Recommended room volume	m ³	80	105
Sound power level LWA	dB(A)	65	65
Sound pressure level LpA	dB(A)	56	56
Electrical connection ~50 Hz	V	230	230
Input power	kW	1.01	1.35
Energy efficiency class		A (cooling)	A (cooling) / A+ (heating)
Exhaust air hose	m	1.5	1.5
Cable length	m	1.8	1.8
Dimensions (L x W x H)	mm	325x295x702	365x320x745
Weight (net) approx.	kg	23.8	26.5

Accessory	Art. no.
Window sealing set (PAC 9000 / 12000 H)	6551300
Device - hose connection (PAC 9000 / 12000 H)	6551301
Window - hose connection (PAC 9000 / 12000 H)	6551302
Exhaust air hose (PAC 9000 / 12000 H)	6551303

Air conditioners

SC-K D series – Mobile units for efficient cooling at the desired location

- ▶ Effective spot coolers for rapid spot cooling
- ▶ Flexible cooling thanks to tilting and swivelling cold air ducts
- ▶ Easy to manoeuvre thanks to compact design and swivel rollers with parking brake
- ▶ Robust sheet steel construction

ab SC-K 2700 D

- ▶ Cooling down to 0°C possible thanks to adjustable mode
- ▶ Integrated thermostat with digital display of set and actual temperature

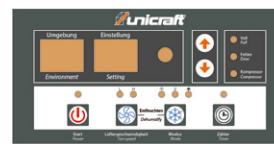
SC-K 5300 D additional

- ▶ Cable winding device creates order without the risk of tripping

- ▶ Suitable for cooling applications in workshops, network rooms, commercial kitchens and other environments
- ▶ Fill level warning light and warning signal when the condensate container is full
- ▶ No preliminary installation work, can be used immediately
- ▶ Use of environmentally friendly organic refrigerants



Clear control panel SC-K 2700 D/ SC-K 3500 D



Clear control panel, Control panel SC-K 5300 D

Model	SC-K 2000	SC-K 2700 D	SC-K 3500 D	SC-K 5300 D
Art. no.	6550000	6550005	6550010	6550015

Technical data		SC-K 2000	SC-K 2700 D	SC-K 3500 D	SC-K 5300 D
Cooling capacity (kW)	kW	2	2.7	3.5	5.3
Air volume Stage max.	m ³ /h	230	400	600	800
Number of fan stages		1	2	2	2
Achievable room temperature	°C	20	0	0	0
Recommended room size	m ³	12.5 – 25	20 – 45	27.5 – 57.5	50 – 102.5
Condensate water tank	l	3	5	7	25
Total length of exhaust air hose for cold air	mm	350	350	350	350
Outer diameter of exhaust air hose for cold air	mm	120	120	120	120
Outer diameter Connection for hot air	mm	–	160	200	370
Number of exhaust air connections		1	2	3	3
Sound power level LWA	dB(A)	62	65	67	75
Sound pressure level LpA	dB(A)	52	55	57	65
Energy efficiency class		A	A	B	B
Input power	kW	0.7	0.95	1.4	2.2
Connection voltage ~50 Hz	V	230	230	230	230
Dimensions (L x W x H) approx.	mm	465x287x589	405x430x855	430x493x944	560x620x1135
Weight approx.	kg	25.5	42	49	95

Accessories	Art. no.
Air filter	
SC-K 2000	6550100
SC-K 2700 D	6550101
SC-K 3500 D	6550102
Front SC-K 5300 D	6550103
Rear SC-K 5300 D	6550104
Extension cable 6 metres	
SC-K 2700 D	6550110
SC-K 3500 D	6550111
SC-K 5300 D	6550112

Monobloc wall-mounted air conditioner MAC 2950 H - Space-saving air conditioner without outdoor unit

- ▶ Elegant design that blends seamlessly into the living space
- ▶ Simple wall mounting without an additional outdoor unit on the façade
- ▶ Can be used as an energy-efficient cooling solution in almost any living space
- ▶ Clear LED display for the current temperature and the selected mode
- ▶ Four selectable modes: Cooling, heating, fan and dehumidification function
- ▶ Integrated "Silent Mode" for extremely quiet operation at night, only 39 dB.
- ▶ Air conditioner can be controlled via app or remote control
- ▶ Integrated thermostat



Advantages of an air conditioning unit without outdoor unit

- › No outdoor unit on the façade
- › No time-consuming assembly or disassembly, e.g. before transporting residential or construction containers
- › No external noise emissions

Model	MAC 2950 H	
Art. no.	6551200	
Technical data		
Cooling capacity (kW)	kW	2.93
Cooling capacity (Btu/h)	Btu/h	10000
Heat output	kW	2.63
Air volume Stage max.	m ³ /h	520
Recommended room size	m ³	75
Number of fan stages		3
Temperature range min. - max.	°C	16 – 30
Refrigerant type		R290
Sound power level LWA	dB(A)	58
Sound pressure level LpA	dB(A)	48
Electrical connection ~50 Hz	V	230
Energy efficiency class		A (cooling) / A+ (heating)
Power consumption (cooling)	kW	1.12
Power consumption (heating)	kW	0.73
Dimensions (L x W x H)	mm	1000 x 205 x 585
Weight approx.	kg	42.5



› Simple wall mounting thanks to the drilling template supplied



› Clear LED display for the current temperature and the selected mode

Standard equipment:

Condensate drain
Room thermostat
Cleanable room air filter

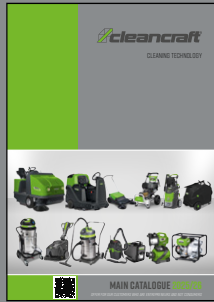
Scope of delivery:

Remote control
Mounting material

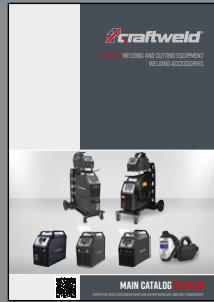
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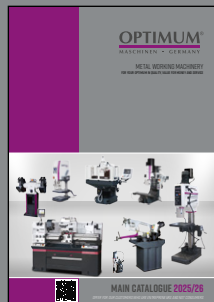
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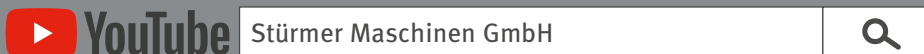


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