

**POWER-  
TOOLS**

**POWERFUL,  
RELIABLE  
AND SIMPLY  
PRACTICAL**





 **TROTEC**

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6		6		8		8		10		10		14		14	
	<b>PSCS 11-12V</b> Cordless drill		<b>PSCS 11-20V</b> Cordless drill		<b>PHDS 11-20V</b> Cordless hammer drill		<b>PHDS 10-230V</b> Impact drill		<b>PIDS 10-20V</b> Cordless impact wrench		<b>PIWS 10-20V</b> Cordless rotary impact wrench		<b>PRDS 10-20V</b> Cordless rotary hammer		<b>PRDS 20-20V</b> Cordless rotary hammer
14		14		15		18		18		18		20		21	
	<b>PRDS 05-230V</b> Rotary hammer		<b>PRDS 11-230V</b> Rotary hammer		<b>PRDS 20-230V</b> Demolition hammer		<b>HyStream 200</b> Hot air blower		<b>HyStream 2100</b> Hot air blower		<b>HyStream 3400</b> Hot air blower		<b>PEGS 10-230V</b> Engraving pen		<b>PGGS 10-20V</b> Cordless hot glue gun
21		24		24		26		26		26		30		30	
	<b>PGGS 10-230V</b> Hot glue gun		<b>PSIS 10-230V</b> Digital soldering station		<b>PSIS 11-230V</b> Soldering station		<b>PTNS 10-3,6V</b> Cordless stapler		<b>PTNS 10-20V</b> Cordless stapler		<b>PTNS 11-230V</b> Stapler		<b>PPOS 10-20V</b> Cordless polisher		<b>PPOS 10-120</b> Polisher
31		31		32		32		32		32		35		35	
	<b>PMSS 11-220</b> Multi-functional sander		<b>PESS 10-20V</b> Cordless random orbital sander		<b>PBSS 10-20V</b> Cordless belt sander		<b>PBSS 10-600</b> Belt sander		<b>PBSS 10-800</b> Belt sander		<b>PBSS 10-900</b> Belt sander		<b>PMTS 10-20V</b> Cordless multi-function tool		<b>PMTS 10-230V</b> Multi-function tool
38		38		40		41		42		42		42		44	
	<b>PMTS 01-12V</b> Cordless multi-function tool		<b>PMTS 01-230V</b> Multi-function tool		<b>PBGS 10-120</b> Double grinding machine		<b>PRTS 10-1200</b> Router		<b>PPLS 10-20V</b> Cordless planer		<b>PPLS 10-750</b> Planer		<b>PPLS 10-800</b> Planer		<b>PAGS 21-115</b> Cordless angle grinder
44		44		44		45		50		50		50		52	
	<b>PAGS 10-115</b> Angle grinder		<b>PAGS 10-125</b> Angle grinder		<b>PAGS 11-125</b> Angle grinder		<b>PAGS 10-230</b> Angle grinder		<b>PJSS 11-20V</b> Cordless pendulum jigsaw		<b>PJSS 12-230V</b> Pendulum jigsaw		<b>PJSS 13-230V</b> Pendulum jigsaw		<b>PRCS 10-20V</b> Cordless sabre saw
52		54		54		54		59		59		59		59	
	<b>PRCS 10-850</b> Sabre saw		<b>PCSS 05-20V</b> Mini cordless portable circular saw		<b>PCSS 10-20V</b> Cordless hand-held circular saw		<b>PCSS 10-1400</b> Hand-held circular saw		<b>PWLS 01-3</b> Stick LED work light		<b>PWLS 05-10</b> Cordless LED work light		<b>PWLS 06-10</b> Cordless LED work light		<b>PWLS 08-10</b> Cordless work light
60		60		62		62		62		64		64		66	
	<b>PWLS 10-20V</b> Cordless work light		<b>PWLS 15-20V</b> Cordless work light		<b>PWLS 10-30</b> LED construction site spotlight		<b>PWLS 10-70</b> LED construction site spotlight		<b>PWLS 10-150</b> LED construction site spotlight		<b>PCPS 11-20V/12-20V</b> Cordless compressor and cordless air pump		<b>PCPS 10-1100</b> Compressor		<b>VC 10-20V</b> Cordless handheld vacuum cleaner

66		66		68		70		70		70		70		75	
	<b>VC 15-20V</b> Cordless vacuum cleaner		<b>VC 1200W</b> 2-in-1 washing vacuum cleaner		<b>PPWS 10-20V</b> Cordless high pressure cleaner		<b>PBCS 2A</b> 12 V battery charger		<b>PBCS 4A</b> 12 V battery charger		<b>PBCS 6A</b> 12 V battery charger		<b>PBCS 10A</b> 12 V battery charger		<b>PGSS 10-20V</b> Cordless grass and shrub shears
75		75		80		80		80		80		83		83	
	<b>PGSS 15-20V</b> Cordless garden shears		<b>PCHS 10-20V</b> Cordless chainsaw		<b>TWP 4005 E</b> Submersible clear water pump		<b>TWP 4006 E</b> Submersible clear water pump		<b>TWP 7505 E</b> Submersible clear water pump		<b>TWP 7506 E</b> Submersible clear water pump		<b>TWP 4025 E</b> Submersible waste water pump		<b>TWP 4036 E</b> Submersible waste water pump
83		83		84		84		84		86		86		86	
	<b>TWP 7025 E</b> Submersible waste water pump		<b>TWP 7536 E</b> Submersible waste water pump		<b>TWP 9000 ES</b> Submersible waste water pump of stainless steel		<b>TWP 11000 ES</b> Submersible waste water pump of stainless steel		<b>TWP 11025 E</b> Submersible waste water pump		<b>TDP 370 E</b> Deep well pump		<b>TDP 750 E</b> Deep well pump		<b>TDP 5500 E</b> Deep well pump
86		88		88		88		90		90		90		90	
	<b>TDP 7500 E</b> Deep well pump		<b>TGP 1000 E</b> Garden pump		<b>TGP 1000 ES</b> Garden pump with stainless steel case		<b>TGP 1005 E</b> Garden pump with pre-filter		<b>TGP 1025 E</b> Domestic waterworks / garden pump		<b>TGP 1025 ES</b> Domestic waterworks with stainless steel case		<b>TGP 1025 ES ES</b> Domestic waterworks of stainless steel		<b>TGP 1050 E</b> Domestic waterworks with pre-filter of stainless steel
92		92		92		94		94		95		95		95	
	<b>TDP DS</b> Pressure switch TDP DS		<b>TDP DSP</b> Pressure switch TDP DS		<b>TDP DSA</b> Pressure switch TDP DS		<b>Pressure hose</b> 15 m for TDP- / TGP-Series		<b>Pressure hose</b> 25 m for TDP- / TGP-Series		<b>9-in-1</b> Ratchet screwdriver		<b>15-in-1</b> Multi-function tool		<b>40 pieces</b> Bit and Wrench Set
95		96		96		96		96		97		97		97	
	<b>37 pieces</b> Hand drill set		<b>BD5A</b> Cross line laser		<b>BD6A</b> Cross line laser		<b>BD7A</b> Rotary laser		<b>BD8A</b> Rotary laser 4 x 360°		<b>BD1L</b> Laser spirit level		<b>BD8M</b> 3-in-1 measuring device		<b>BD11</b> Distance meter
97		98		98		98		102		102					
	<b>BD16</b> Distance meter		<b>BD21</b> Distance meter		<b>BD22</b> Distance meter		<b>BD26</b> Distance meter		<b>B115</b> Wallscanner		<b>B120</b> Wallscanner				



FLEXPOWER 20V



### PSCS 11-12V Cordless drill

- Powerful 12 V lithium-ion battery without memory effect and without self-discharge
- Powerful motor with two-speed gear
- 19 torque settings plus one drilling setting
- Keyless drill chuck with automatic spindle lock
- Infinitely variable speed control with quick stop
- Integrated LED work lamp
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication
- Convenient clockwise/counter-clockwise rotation selection and start lock
- Soft grip rubber inlays in the housing for extra firm hold

### PSCS 11-20V Cordless drill

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Powerful motor with two-speed gear
- 25 torque settings plus one drilling setting
- Keyless drill chuck with automatic spindle lock
- Infinitely variable speed control with quick stop
- Integrated LED work lamp
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Convenient clockwise/counter-clockwise rotation selection and start lock
- Soft grip rubber inlays in the housing for extra firm hold
- Mountable belt clip facilitates access and transport
- Case fitted with second recess for spare battery

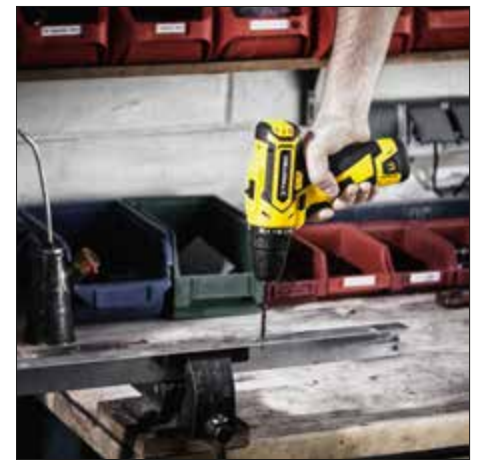


# Cordless drills

## Products overview:



Technical data		PSCS 11-12V	PSCS 11-20V
Article number		4.410.000.102	4.410.000.302
Battery voltage		12 V	20 V
Battery capacity		2.0 Ah	2.0 Ah
Battery charging time		1 h	1 h
Idle speed	1st gear	0 - 400 min <sup>-1</sup>	0 - 400 min <sup>-1</sup>
	2nd gear	0 - 1,300 min <sup>-1</sup>	0 - 1,550 min <sup>-1</sup>
Number of torque levels + drill stages		19 + 1	25 + 1
Max. Torque		22 Nm	35 Nm
Max. chucking range		10 mm	13 mm
Max. drilling diameters	In wood	20 mm	30 mm
	In metal	8 mm	13 mm
Dimensions (length x width x height)		180 x 50 x 190 mm	210 x 75 x 225 mm
Weight		1 kg	1.7 kg
Equipment and functions		PSCS 11-12V	PSCS 11-20V
Powerful motor with two-speed gear		■	■
Hammer function		–	–
Infinitely variable speed control with quick stop		■	■
Automatic spindle lock		■	■
Three-stage battery level indication		■	■
Integrated LED work lamp		■	■
Clockwise / counter-clockwise rotation		■	■
Soft grip rubber		■	■
Scope of delivery		PSCS 11-12V	PSCS 11-20V
Bits		2	2
Handle is mountable on both sides		–	–
Quick charger		■	■
Replacement battery		■	■
Belt clip		–	■
Transport case		■	■
Recommended accessories		PSCS 11-12V	PSCS 11-20V
Spare battery Flexpower 20V 2.0 Ah		6.200.000.102	6.200.000.303
Screwdriver Bit Set - 32 pieces		6.200.001.001	
Wood Drill Set - 15 pieces		6.200.001.101	
Metal Drill Set - 15 pieces		6.200.001.131	
Hexagonal shaft drill and bit set, 49 pieces		6.200.001.160	
Carbide hole saw set, 9 pieces		6.215.001.350	
HSS Bi-metal hole saw set, 9 pieces		6.215.001.351	





### PHDS 11-20V Cordless hammer drill

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Powerful motor with two-speed gear
- 20 torque settings plus extra settings for drilling and impact drilling
- Keyless drill chuck with automatic spindle lock
- Infinitely variable speed control with quick stop
- Integrated LED work lamp
- Quick charger with automatic safe charging; only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Convenient clockwise/counter-clockwise rotation selection and start lock
- Soft grip rubber inlays in the housing for extra firm hold
- Additional handle for precise guiding and vibration-damped working
- Mountable belt clip facilitates access and transport



### PHDS 10-230V Impact drill

- 650 W of power for faster work progress
- Suitable for work with different materials: masonry, concrete, wood or metal
- Versatile use thanks to the function selection switch for screwing, drilling and impact drilling
- Infinitely variable impact rate and speed control for material-compatible working
- Switch locking device for continuous operation
- Keyless drill chuck with spindle lock
- Steplessly adjustable drill depth stop made of solid metal
- Convenient clockwise/counter-clockwise rotation selection
- Soft grip rubber inlays in the housing for extra firm hold
- Removable 360 degree swivel handle
- Wide operating range owing to robust rubber cable of 3 m length





# Cordless hammer drill / Impact drill

## Products overview:



Technical data		PHDS 11-20V	PHDS 10-230V
Article number		4.410.000.502	4.415.000.010
<b>W</b>	Power input	–	650 W
<b>V</b>	Battery voltage / Input voltage	20 V / –	– / 230 V/50 Hz
	Cable length	–	3 m
<b>Li-Ion</b>	Battery capacity	2.0 Ah	–
	Battery charging time	1 h	–
<b>min<sup>-1</sup></b>	Idle speed	1st gear 0 - 440 min <sup>-1</sup>	50 - 3,000 min <sup>-1</sup>
		2nd gear 0 - 1,650 min <sup>-1</sup>	–
	Stroke frequency	0 - 26,400 min <sup>-1</sup>	800 - 48,000 min <sup>-1</sup>
	Number of torque levels + drill stages + impact drill stages	20 + 1 + 1	–
	Max. Torque	40 Nm	7.5 Nm
	Max. chucking range	13 mm	13 mm
	Max. drilling diameters	In wood	30 mm
		In metal	13 mm
		In masonry	15 mm
Dimensions (length x width x height)		225 x 80 x 230 mm	200 x 60 x 300 mm
Weight		2 kg	2 kg
Functions and features		PHDS 11-20V	PHDS 10-230V
	Powerful motor with two-speed gear	■	–
	Hammer function	■	■
	Continuous operation	–	■
	Infinitely variable speed control with quick stop	■	■
	Spindle lock	Automatically	■
	Three-stage battery level indication integrated in the battery	■	–
	Integrated LED work lamp	■	–
	Clockwise / counter-clockwise rotation	■	■
Scope of delivery		PHDS 11-20V	PHDS 10-230V
	Bits / drills	2 / –	– / 3
	Handle is mountable on both sides / 360 degree swivel	■ / –	■ / ■
	Quick charger / replacement battery	■ / ■	– / –
	Belt clip / depth stop	■ / –	– / ■
	Transport case	■	■
Recommended accessories		PHDS 11-20V	PHDS 10-230V
Spare battery Flexpower 20V 2.0 Ah		6.200.000.303	–
Screwdriver Bit Set - 32 pieces		6.200.001.001	
Wood Drill Set - 15 pieces		6.200.001.101	
Metal Drill Set - 15 pieces		6.200.001.131	
Stone Drill Set - 15 pieces		6.200.001.151	
Hexagonal shaft drill and bit set, 49 pieces		6.200.001.160	
Carbide hole saw set, 9 pieces		6.215.001.350	
HSS Bi-metal hole saw set, 9 pieces		6.215.001.351	





### PIDS 10-20V Cordless impact wrench

- Powerful 20V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Function with high torque and impact force for screwing in or tightening and loosening screws and nuts
- Robust die-cast aluminium gear housing for optimum heat dissipation and durability
- Special tool holder combining ¼" square and ¼" hexagon for even for application scenarios
- Tool holder with mechanical locking mechanism
- Infinitely variable speed control with quick stop
- Integrated LED work light
- Quick charger with automatic charge termination: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Convenient clockwise/counter-clockwise rotation selection and start lock
- Incl. bit adapter for screwing




























### PIWS 10-20V Cordless rotary impact wrench

- Powerful 20V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 4.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Function with high torque and impact force for screwing in or tightening and loosening screws and nuts
- Robust die-cast aluminium gear housing for optimum heat dissipation and durability
- Suitable for changing tyres thanks to the high torque
- 4 torque settings plus automatic activation of the impact mechanism (during tightening and loosening)
- Robust external ½" square retainer
- Infinitely variable speed control with quick stop
- Integrated LED work light
- Quick charger with automatic charge termination: only 1.5 hours of charging required
- Three-stage battery level indication integrated in the battery
- Convenient clockwise/counter-clockwise rotation selection and start lock



# Cordless impact wrench

## Products overview:

			
<b>Technical data</b>		<b>PIDS 10-20V</b>	<b>PIWS 10-20V</b>
Article number		4.410.000.601	4.410.000.651
 Battery voltage		20 V	20 V
 Battery capacity		2.0 Ah	4.0 Ah
 Battery charging time		1 h	1.5 h
 Idle speed		0 - 2,800 min <sup>-1</sup>	0 - 2,300 min <sup>-1</sup>
 Stroke frequency		0 - 3,600 min <sup>-1</sup>	0 - 3,000 min <sup>-1</sup>
 Max. Torque		180 Nm	400 Nm
 Number of torque levels		–	4
 Tool holder		¼" hexagon socket retainer	External ½" square retainer
 Max. screw diameters	In wood	8 mm	23 mm
	In metal	8 mm	23 mm
	Nuts	–	23 mm
Dimensions (length x width x height)		180 x 95 x 235 mm	215 x 70 x 250 mm
Weight		1.5 kg	2.5 kg
<b>Functions and features</b>		<b>PIDS 10-20V</b>	<b>PIWS 10-20V</b>
 Powerful motor with two-speed gear		–	–
 Hammer function		–	–
 Continuous operation		–	–
 Infinitely variable speed control with quick stop		■	■
 Three-stage battery level indication integrated in the battery		■	■
 Integrated LED work lamp		■	■
 Clockwise / counter-clockwise rotation		■	■
 Soft grip rubber		■	■
<b>Scope of delivery</b>		<b>PIDS 10-20V</b>	<b>PIWS 10-20V</b>
 ¼" hexagon socket		■	–
 4x sockets (17, 19, 21, 23 mm)		–	■
 Quick charger		■	■
 Replacement battery		■	■
 Belt clip		■	■
 Transport case		■	■
<b>Recommended accessories</b>		<b>PIDS 10-20V</b>	<b>PIWS 10-20V</b>
Spare battery Flexpower 20V 2.0 Ah		6.200.000.303	
Spare battery Flexpower 20V 4.0 Ah		–	6.200.000.320
Screwdriver Bit Set - 32 pieces		6.200.001.001	–
Bit and socket wrench set, 40 pieces		6.200.001.005	–
Hexagonal shaft drill and bit set, 49 pieces		6.200.001.160	–



# Professional sets

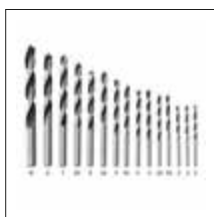
## for all brands of drills and screwdrivers



### Screwdriver Bit Set - 32 pieces

Article number	6.200.001.001
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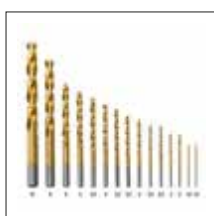
- Cross recess Phillips, sizes PH 1/2/2/3
- Cross recess Pozidriv, sizes PZ 1/2/2/3
- Slotted recess, sizes 3/4/5/6
- Torx, sizes T 10/15/20/25/27/30/40
- Torx-Tamper (safety bit with hole), sizes TT 10/15/20/25/27/30/40
- Hexagon, sizes H 3/4/5/6
- Quick change bit holder
- Nut plug adapter with hexagon shaft for 1/4 inch socket wrench



### Wood Drill Set - 15 pieces

Article number	6.200.001.101
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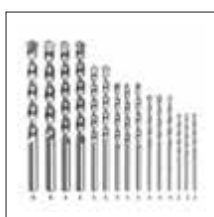
- 15 spiral drill bits made of durable, high-strength carbon steel
- Suitable for hard and soft wood, glued wood, MDF and acrylic glass
- Extremely sharp drilling tools for precise, splinter-free holes with a maximum hardness of 58 HRC
- Drilling diameter:  
3/3/3/3.5/3.5/4/4/4.5/5/5.5/6/6.5/7/8/10 mm



### Metal Drill Set - 15 pieces

Article number	6.200.001.131
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- 15 spiral drill bits made of high speed steel with titanium nitride coating
- Universally applicable for drilling in iron, steel, non-ferrous metals, cast iron and hard plastics
- 135 degree drill bit with cross-hatch to DIN 1412 C with a maximum hardness of 67 HRC
- Drilling diameter:  
1.5/1.5/2/2/2.5/2.5/3/3.2/3.5/4/4.5/5/6/8/10 mm

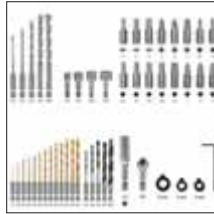


### Stone Drill Set - 15 pieces

Article number	6.200.001.151
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- 15 spiral drill bits made of durable, high-strength carbon steel
- Suitable for granite, concrete, masonry, limestone, natural and artificial stone
- Heat resistant hard metal tip for high durability with maximum hardness of 89 HRC
- Absolute true running guarantees exact dowel holes and precision-made notches guarantee bore dust transport without congestion
- Drilling diameter:  
3/3/3/4/4/4/5/5/5/6/6/8/8/10/10 mm

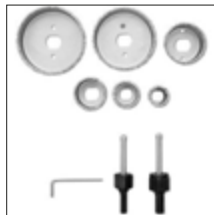




### Hexagonal shaft drill and bit set, 49 pieces

Article number	6.200.001.160
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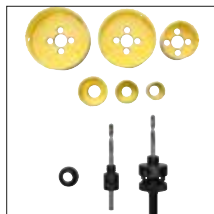
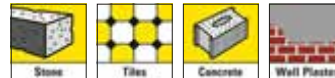
- Practical all-round set with 49 items for drilling and screwing
- Large selection of durable drill bits for metal, wood and concrete work
- Torx, Pozidriv, cross recess and slotted bits as well as sockets in the most important sizes
- Incl. countersink and depth limiter
- Replaces numerous single screwdrivers or wrenches in the toolbox
- Practical storage box with handle



### Carbide hole saw set, 9 pieces

Article number	6.215.001.350
----------------	---------------

- 1 x saw ring Ø 22/28 mm – for cable and pipe ducts
- 1 x saw ring Ø 35 mm – for fittings
- 1 x saw ring Ø 44 mm – for drain pipes
- 1 x saw ring Ø 68 mm – for sockets and switches
- 1 x saw ring Ø 73 mm – for junction boxes and spot lights
- 2 x hole saw arbor with centre drill bit (Ø 22 – 28 mm for 10 mm drill chuck, Ø 35 – 73 mm for 13 mm drill chuck)
- 1 x Allen wrench 2.5 mm
- 1 x practical storage box



### HSS Bi-metal hole saw set, 9 pieces

Article number	6.215.001.351
----------------	---------------

- 1 x saw ring Ø 22/28 mm – for cable and pipe ducts
- 1 x saw ring Ø 35 mm – for kitchen faucets
- 1 x saw ring Ø 44 mm – for drain pipes
- 1 x saw ring Ø 68 mm – for sockets and switches
- 1 x saw ring Ø 73 mm – for junction boxes and spot lights
- 2 x hole saw arbor with centre drill bit (Ø 22 – 35 mm for 10 mm drill chuck, Ø 35 – 73 mm for 13 mm drill chuck)
- 1 x adapter for Ø 35/44/68/73 mm hole saws
- 1 x practical storage box





### PRDS 10-20V Cordless rotary hammer

- Powerful 20V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Suitable for work with different materials: masonry, concrete, wood or metal
- Pneumatic hammer mechanism with an impact energy of 1 Joule
- Quick tool change thanks to SDS-plus chuck
- Function selector switch between the functions
- Infinitely variable speed control with quick stop
- Convenient clockwise/counter-clockwise rotation selection and start lock
- Integrated LED work lamp
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Soft grip rubber inlays in the housing for extra firm hold



### PRDS 20-20V Cordless rotary hammer

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 4.0 Ah – can be flexibly combined also with other 20 V cordless tools
- High-power screwing and drilling in wood and metal plus hammer drilling in masonry and concrete
- Pneumatic hammer mechanism with 2 joule of impact energy
- Infinitely adjustable additional handle for optimum handling
- Quick tool change thanks to SDS-plus chuck
- Function selector switch to change between the functions
- Infinitely variable impact rate and speed control with quick-stop function
- Convenient clockwise/counter-clockwise rotation selection and start lock
- Integrated LED work light
- Quick charger with automatic charge termination: only 1.5 hours of charging required
- Three-stage battery level indication integrated in the battery
- Soft grip rubber inlays in the housing for extra firm hold



### PRDS 05-230V Rotary hammer

- Powerful hammering in concrete or brickwork, chiselling as well as drilling with an extremely high capacity of 620 W
- Pneumatic hammer mechanism with an impact energy of 2.1 joules – maximum impact power in hard materials regardless of the contact pressure
- Ergonomic L-shaped design with a perfectly positioned centre of gravity
- Infinitely adjustable additional handle for optimum handling
- Quick tool change thanks to SDS-plus chuck
- Function selector switch with safety lock
- Rotation stop function for chiselling and hammer stop for drilling in metal and wood
- Infinitely variable impact rate and speed control with quick-stop function
- The chisel position can conveniently be adjusted by 360°
- Incl. keyless drill chuck with SDS shank to use straight-shank drill bits
- Wide operating range owing to robust rubber cable of 3 m length



### PRDS 11-230V Rotary hammer

- Powerful hammering in concrete or brickwork, chiseling as well as drilling with an extremely high capacity of 1,600 W
- Pneumatic hammer mechanism with an impact energy of 6 Joule – maximum impact power in hard materials regardless of the contact pressure
- Ergonomic L-shaped design with a perfectly positioned centre of gravity
- Vibration-damped main handle and infinitely adjustable additional handle for optimum handling
- Quick tool change thanks to SDS-plus chuck
- Function selector switch with safety lock
- Rotation stop function for chiseling and hammer stop for drilling in metal and wood
- Infinitely variable speed control with quick stop
- The chisel position can conveniently be adjusted by 360°
- Incl. key-type drill chuck with SDS shank to use straight-shank drill bits
- Wide operating range owing to robust rubber cable of 3 m length

NEW



### PRDS 20-230V Demolition hammer















- Powerful hammering in concrete or brickwork as well as chiselling with an extremely high capacity of 1,300 W and an impact rate of 4,000 strokes per minute
- Pneumatic hammer mechanism with 20 joules of impact force – maximum impact power in hard materials regardless of the contact pressure
- Continuous operation possible thanks to lock switch
- Ergonomic design with perfectly positioned centre of gravity and D-handle for improved handling
- Quick tool change thanks to SDS-max shank
- Vibration-damped main handle and infinitely adjustable additional handle for optimum handling
- The chisel position can conveniently be adjusted by 360°



# Cordless rotary hammer / Rotary hammer

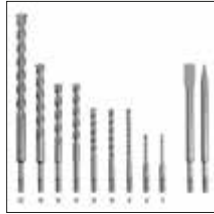
## Products overview:



Technical data		PRDS 10-20V	PRDS 20-20V	PRDS 05-230V	PRDS 11-230V	PRDS 20-230V	
Article number		4.415.000.201	4.415.000.210	4.415.000.020	4.415.000.102	4.415.000.120	
	Power input	–	–	620 W	1,600 W	1,300 W	
	Battery voltage / input voltage	20 V / –	20 V / –	– / 230 V/50 Hz	– / 230 V/50 Hz	– / 230 V/50 Hz	
Cable length		–	–	3 m	3 m	2 m	
	Battery capacity / battery charging time	2,0 Ah / 1 h	4,0 Ah / 1,5 h	–	–	–	
	Idle speed	0 – 900 min <sup>-1</sup>	0 – 1,000 min <sup>-1</sup>	0 – 1,250 min <sup>-1</sup>	0 – 800 min <sup>-1</sup>	–	
Impact frequency		0 – 5,000 min <sup>-1</sup>	0 – 5,000 min <sup>-1</sup>	0 – 6,400 min <sup>-1</sup>	0 – 4,000 min <sup>-1</sup>	4,000 min <sup>-1</sup>	
Impact energy		1 Joule	2 Joule	2.1 Joule	6 Joule	20 Joule	
	Max. drilling diameter	In wood	16 mm	26 mm	30 mm	40 mm	–
		In metal	8 mm	13 mm	13 mm	13 mm	–
		In brickwork	10 mm	20 mm	24 mm	32 mm	–
Dimensions (length x width x height)		238 x 84 x 250 mm	305 x 110 x 195 mm	355 x 85 x 210 mm	390 x 95 x 250 mm	500 x 95 x 240 mm	
Weight		1.5 kg	3 kg	3 kg	6 kg	6.5 kg	
Functions and features		PRDS 10-20V	PRDS 20-20V	PRDS 05-230V	PRDS 11-230V	PRDS 20-230V	
	Function selector switch with safety lock	■	■	■	■	–	
	Switch for the impact mechanism	–	–	–	■	–	
	Infinately variable impact rate and speed control	■	■	■	■	–	
	SDS-plus / SDS-max system tool holder	■ / –	■ / –	■ / –	■ / –	– / ■	
	Three-stage battery level indication integrated in the battery	■	■	–	–	–	
	Integrated LED work lamp	■	■	–	–	–	
	Clockwise / counter-clockwise rotation	■	■	■	–	–	
Scope of delivery		PRDS 10-20V	PRDS 20-20V	PRDS 05-230V	PRDS 11-230V	PRDS 20-230V	
SDS flat chisel / pointed chisel (14x250 mm)		–	–	1	2	–	
SDS flat chisel / pointed chisel (18x350 mm)		–	–	–	–	2	
	SDS drill bits (8 / 10 / 12 x 250 mm)	–	–	–	3	–	
	SDS drill bits (6 / 8 / 10 x 150 mm)	3	3	3	–	–	
HSS drill bits (5 / 6 / 8 mm) with hexagon retainer		3	–	–	–	–	
Bits		4	–	–	–	–	
Quick charger / removable battery		■ / ■	■ / ■	– / –	– / –	– / –	
Key-type drill chuck / Keyless drill chuck		– / –	– / –	– / ■	■ / –	– / ■	
Drill chuck key		–	–	–	■	–	
Additional handle can be rotated by 360°		–	■	■	■	■	
Open-end wrench		–	–	–	–	■	
Lubricant container		–	–	–	–	■	
	Depth stop	–	■	■	■	–	
	Transport case	■	■	■	■	■	
Recommended accessories		PRDS 10-20V	PRDS 20-20V	PRDS 05-230V	PRDS 11-230V	PRDS 20-230V	
Spare battery Flexpower 20V 2.0 Ah		6.200.000.303	–	–	–	–	
Spare battery Flexpower 20V 4.0 Ah		–	6.200.000.320	–	–	–	
Screwdriver Bit Set - 32 pieces		6.200.001.001	–	–	–	–	
Hexagon shank drill and bit set - 49 pieces		6.200.001.160	–	6.200.001.160	6.200.001.160	–	
Drill Bit and Chisel Set - 11 pieces		–	–	6.205.001.101		–	
Hole saw set made of carbide - 9 pieces		–	–	6.215.001.350		–	
HSS bi-metal hole saw set - 9 pieces		–	–	6.215.001.351		–	



# Professional sets for rotary hammers



## Drill bit and chisel set - 11 pieces

Article number

6.205.001.101

- Drill and chisel made of high quality alloy steel 40Cr
- 9 hammer drills with tungsten carbide tips
- 1 flat chisel 20x250mm, 1 point chisel 14x250mm
- Suitable for stone, light concrete and brick
- Socket according to SDS-plus-system
- Drilling diameter:  
5/6/8/10/12/14/16/18/22 mm





### HyStream 200 Hot air blower

- Powerful 2,000 watt hot air blower
- Ergonomic pistol design
- Air volume and temperature can be regulated in two stages
- Cable with suspension eye as storage option
- Thanks to a balanced weight distribution, it can be tilted safely in standalone operation for hands-free operation
- Pre-mounting nozzles for many special applications already included in the scope of delivery
- Fatigue-free working thanks to the low weight
- Wide operating range owing to robust rubber cable of 2 m length
- Practice-optimized German industrial design - protected design patent



### HyStream 2100 Hot air blower

- Powerful 2,000 watt hot air blower
- Ergonomic pistol design with softgrip and protection strap
- Large, easy-to-read LCD display of selected performance values
- Display color change upon reaching the desired temperature
- Adjustable airflow in 5 steps between 250 l/min. up to 500 l/min.
- Temperature control from 50 °C to 650 °C in 10 degree increments
- Safe operation due to overheating protection
- Cable with suspension eye as storage option
- Thanks to a balanced weight distribution, it can be tilted safely in standalone operation for hands-free operation
- Pre-mounting nozzles for many special applications already included in the scope of delivery
- Cold stage for fast temperature reduction
- Fatigue-free working thanks to the low weight
- Wide operating range owing to robust rubber cable of 2 m length
- Practice-optimized German industrial design - protected design patent



### HyStream 3400 Hot air blower

- Powerful 3,400 watt hot air blower
- High-quality ceramic heating element
- Protective insulation
- Brushless, maintenance-free fan motor
- Handle with optimal centre of gravity for ergonomic working
- Infinitely variable temperature control from 20 °C to 650 °C
- High air pressure of 3,000 Pa
- Practical baton shape for convenient single-handed operation – ideally suited also for left-handers
- Wide operating range owing to robust rubber cable of 2.9 m length

## Hot air blowers

### Products overview:

		HyStream 200	HyStream 2100	HyStream 3400
		4.435.000.005	4.435.000.020	6.100.000.058
Power input		2,000 W	2,000 W	3,400 W
Amount of air	Performance	300 l/min. - 500 l/min.	250 l/min. - 500 l/min.	320 l/min.
	Control	2-stage	5-stage	–
	Display	–	LCD	–
Air pressure		–	–	3,000 Pa
Temperature	Performance	350 °C - 550 °C	50 °C - 650 °C	20 °C - 650 °C
	Control	–	In steps of 10 degrees	Steplessly
	Display	–	LCD	Performance scale
Input voltage		230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Cable length		2 m	2 m	2.9 m
Dimensions (length x width x height)		60 x 240 x 210 mm	60 x 270 x 210 mm	340 x 65 x 65 mm
Weight		0.6 kg	0.8 kg	1.56 kg

# READY TO GO.

## TOOLS BY TROTEC.



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You have the ideas, we have the tools.

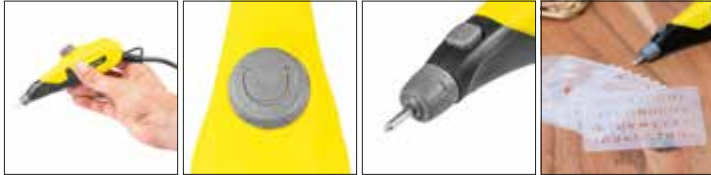
Regardless if you are screwing, drilling, sawing, cutting or sanding – the Trotec PowerTools are convincing in practice. You can rely on reliable brand quality, strong performance and an unmatched price-performance ratio in your work.

- Cordless Screwdriver
- Cordless Drills
- Cordless Hammer Drills
- Cordless Impact Driver
- Cordless Rotary Hammers
- Rotary Hammers
- Drills
- Multifunctional Tools
- Jigsaws
- Circular Saws
- Reciprocating Saws
- Planer
- Multifunction Grinder
- Belt Grinders
- Angle Grinder
- Hot Air Blowers
- Compressors
- Electric Stapler
- Hot Glue Guns
- Battery Work Lights
- Accessories and much more...

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### PEGS 10-230V Engraving pen

- Suitable for a wide variety of materials such as metal, ceramics, leather, glass, wood or plastics
- Durable, high-quality engraving bit made of tungsten steel
- Steplessly adjustable stroke length
- Ergonomic design with slip-resistant soft grip
- Incl. 4 engraving templates
- Wide operating range owing to robust rubber cable of 2 m length

### Technical data

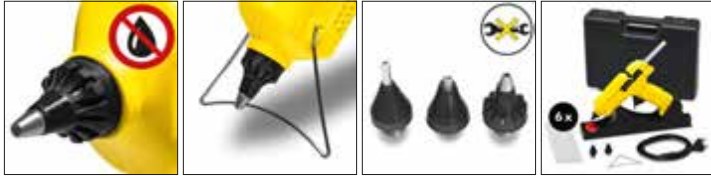
Article number	4.450.000.100
Power input	17 W
Idle stroke rate	6,000 min <sup>-1</sup>
Steplessly adjustable stroke length	4 mm
Input voltage	230 V/50 Hz
Cable length	2 m
Scope of delivery	4 Engraving templates (1x Letters, 1x Smileys, 2x Symbols)
Weight	370 g
Recommended accessories	
Power strip 3-fold IP44 PVP3	7.333.000.202
Power strip 6-fold IP44 PVP6	7.333.000.206
Quality extension cable – 15 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.372
Quality extension cable – 25 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.369
Pro extension cable – 20 m / 230 V / 2.5 mm <sup>2</sup> Made in Germany	7.333.000.376
Cable drum PVD1EU – 20 m / 230 V / 1.5 mm <sup>2</sup> Made in Germany	7.333.000.365
Cable drum PVD2 – 25 m / 230 V / 1.5 mm <sup>2</sup> Made in Germany	7.333.000.367
Cable drum PVD3 – 30 m / 230 V / 2.5 mm <sup>2</sup> Made in Germany	7.333.000.368





**PGGS 10-20V Cordless hot glue gun**

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Ideally suited for professional gluing, sealing, grouting, tinkering and decorating
- Immediate adhesion after a few seconds
- Electronically controlled heating elements for quick operational readiness and constant operating temperature
- Soft grip rubber inlays in the housing for extra firm hold
- Fatigue-free working due to light weight
- Ready for use after only 2.5 minutes
- Glue retraction ensures clean working and prevents dripping
- Optimum adhesive dosing possible
- Automatic switch-off after 10 minutes
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- LED status indicator to indicate readiness for use
- Suitable for glue sticks with a diameter of 11 mm


























**PGGS 10-230V Hot glue gun**

- Strong 25 W melting power for constant operating temperature in continuous operation
- Ideally suited for professional glueing, sealing, grouting, tinkering and decorating
- Cordless working enabled by integrated heat storage system
- Immediate adhesion after a few seconds
- Fatigue-free working thanks to the low weight
- Electronically controlled heating elements for quick operational readiness and constant operating temperature
- Glue retraction ensures clean working and prevents dripping
- Optimum adhesive dosing possible
- Increased applicability due to exchangeable nozzles
- Standing bracket for safe positioning outside the device holder
- Charge by placing on the device holder or by power cord
- Suitable for glue sticks with a diameter of 11 mm
- Wide operating range owing to robust rubber cable of 2 m length



# Hot glue guns

## Products overview:

		
Technical data	PGGS 10-20V	PGGS 10-230V
Article number	4.445.000.020	4.445.000.101
 Power input	–	25 W
 Battery voltage / Input voltage	20 V / –	– / 220 - 240 V / 50 Hz
 Battery capacity	2.0 Ah	–
 Battery charging time	1 h	–
 Heating time	2.5 Min.	5 Min.
 Melting temperature	180 °C	200 °C
Dimensions (length x width x height)	70 x 190 x 190 mm	183 x 33 x 175 mm
Weight	0.8 kg	0.27 kg
Functions and features	PGGS 10-20V	PGGS 10-230V
 On / off switch	■	–
 Guard	■	■
 Two-stage battery level indication	■	–
 LED status display	■	–
 Glue retracting	■	■
 Automatic switch-off	■	–
 Standing bracket	–	■
 Drip tray	–	■
Scope of delivery	PGGS 10-20V	PGGS 10-230V
 Glue sticks – length 140 mm, Ø 7 mm	–	–
 Glue sticks – length 150 mm, Ø 11 mm	3	6
 3 interchangeable nozzles: Fine nozzle, slot nozzle, universal nozzle	–	■
 Standing bracket	–	■
 Charging station with device holder	–	–
 Device holder with drip tray	–	■
 Transport case	■	■
Recommended accessories	PGGS 10-20V	PGGS 10-230V
Spare battery Flexpower 20V 2.0 Ah	6.200.000.303	–
Spare battery Flexpower 20V 4.0 Ah	6.200.000.320	–
Hot glue stick set, 7 mm, transparent, 50 pieces	–	–
Hot glue stick set, 7 mm, multicoloured, 50 pieces	–	–
Hot Glue Stick Set, 7 mm, Glitter, 50 pieces	–	–
Hot glue stick set, 11 mm, transparent, 50 pieces	–	6.230.001.102
Hot glue stick set, 11 mm, multicoloured, 50 pieces	–	6.230.001.111
Hot Glue Stick Set, 11 mm, Glitter, 50 pieces	–	6.230.001.121



# Sets for hot glue guns



## Hot glue sticks, transparent, 50 pieces

Article number Ø 7 mm: 6.230.001.101

Article number Ø 11 mm: 6.230.001.102

- Suitable for commercially available glue guns
- Available in 7 and 11 mm diameter
- Perfect for crafting, decorating, fixing
- Rapid curing time of only 10 seconds
- Extra strong
- Perfect for bonding materials such as wood, plastic, textiles, cardboard, paper, ceramic, leather, cork, glass and metal quickly and easily



Ø 7 mm



Ø 11 mm



## Hot glue sticks, coloured, 50 pieces

Article number Ø 7 mm: 6.230.001.110

Article number Ø 11 mm: 6.230.001.111

- Suitable for commercially available glue guns
- Available in 7 and 11 mm diameter
- Perfect for crafting, decorating, fixing
- Rapid curing time of only 10 seconds
- Extra strong
- Perfect for bonding materials such as wood, plastic, textiles, cardboard, paper, ceramic, leather, cork, glass and metal quickly and easily



Ø 7 mm



Ø 11 mm



## Hot glue sticks, with glitter, 50 pieces

Article number Ø 7 mm: 6.230.001.120

Article number Ø 11 mm: 6.230.001.121

- Suitable for commercially available glue guns
- Available in 7 and 11 mm diameter
- Perfect for crafting, decorating, fixing
- Rapid curing time of only 10 seconds
- Extra strong
- Perfect for bonding materials such as wood, plastic, textiles, cardboard, paper, ceramic, leather, cork, glass and metal quickly and easily



Ø 7 mm



Ø 11 mm





### PSIS 10-230V Digital soldering station

- 60 W digital soldering station with a temperature-resistant soldering iron
- Quick heat-up period of only approx. 60 seconds and a high temperature stability
- Large, easy-to-read LC display
- 3 pre-programmed temperature values
- Precise results by optional temperature setting (200 °C – 450 °C)
- Energy-efficient thanks to automatic switch-over to standby mode after 30 min.
- Change of soldering tip without the use of tools
- Practical storage option for soldering tips and solder
- Robust soldering iron holder provides for a stable fixture

### PSIS 11-230V Soldering station

- 48 W soldering station with a temperature-resistant soldering iron
- Quick heat-up period of only approx. 150 seconds and a high temperature stability
- Precise results by optional temperature setting (150 °C - 500 °C)
- Change of soldering tip without the use of tools
- Practical storage option for the soldering tip and solder
- Robust soldering iron holder provides for a stable fixture

## Soldering stations

### Products overview:



Technical data		PSIS 10-230V	PSIS 11-230V
Article number		4.451.000.110	4.451.000.111
Power input		60 W	48 W
Heating time		1 min.	2.5 min.
Temperature preselection		3-stage, 200 °C, 300 °C, 400 °C	Stepless, 150 - 500 °C
Input voltage		230 V/50 Hz	230 V/50 Hz
Cable length	Mains plug to station	1.5 m	2 m
	Soldering iron to station	1.2 m	1 m
Dimensions (length x width x height)		150 x 125 x 95 mm	130 x 90 x 280 mm
Weight		1 kg	0.8 kg
Functions and features		PSIS 10-230V	PSIS 11-230V
On / off switch		■	■
Display		LCD	–
Control panel		Control buttons	Control buttons
Temperature selection		■	■
Integrated storage compartment		■	■
Scope of delivery		PSIS 10-230V	PSIS 11-230V
Soldering tips		3	2
Solder		2 x lead-free (Ø 1.0 / 1.5 mm, 10g)	2 x lead-free (Ø 1.0 / 1.5 mm, 10g)
Soldering sponge		■	■
Soldering iron holder		■	■
Recommended accessories		PSIS 10-230V	PSIS 11-230V
Soldering tips, 3 pieces		6.236.001.001	6.236.001.001



# Professional sets for soldering stations



## Soldering tips, 3 pieces

Article number

6.236.001.001

- 2x soldering tips, conical
- 1x soldering tip, chisel-shaped





FLEXPOWER 20V



### PTNS 10-3,6V Cordless stapler

- Powerful 3.6 V lithium-ion battery without memory effect and without self-discharge
- Suitable for type 53 staples and type 47 nails
- Fast shot sequence of 30 shots per minute
- Use of different staple lengths and material types guarantees ideal work results
- Flexible usage for all applications thanks to compact size
- Safety nose – clip release only possible in working position
- Soft grip rubber inlays in the housing for extra firm hold
- Fatigue-free working thanks to the low weight
- Bottom loader for simple reloading or changing of staples or nails
- Integrated staple magazine with clearly visible level indicator – can be equipped with 100 staples / 50 nails
- Two-stage battery level indication

### PTNS 10-20V Cordless stapler

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Suitable for type 55 staples and type 47 nails
- Fast shot sequence of 30 shots per minute
- Use of different staple lengths and material types guarantees ideal work results
- 6-stage rotary button for impact force preselection
- Safety nose – controlled firing of staples only possible in working position
- Soft grip rubber inlays in the housing for extra firm hold
- Fatigue-free working due to light weight
- Bottom loader for simple reloading or exchanging of staples and wire nails
- Integrated staple magazine with clearly visible filling level indication – can be loaded with 100 staples / 50 wire nails
- Integrated LED work light
- Quick charger with automatic charge termination: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery



### PTNS 11-230V Stapler

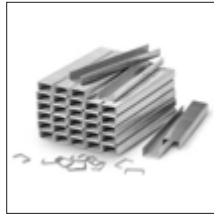
- Powerful 45 W motor for immense firepower
- Suitable for type 53 staples and type 47 nails
- Fast shot sequence of 30 shots per minute
- Use of different staple lengths and material types guarantees ideal work results
- Safety nose – controlled firing of staples only possible in working position
- Soft grip rubber inlays in the housing for extra firm hold
- Fatigue-free working due to light weight
- Bottom loader for simple reloading or exchanging of staples and wire nails
- Flexible usage for all applications thanks to compact, slim dimensions
- Integrated staple magazine with clearly visible filling level indication – can be loaded with 100 staples / 50 wire nails
- Wide operating range owing to robust rubber cable of 3 m length





Technical data		PTNS 10-3,6V	PTNS 10-20V	PTNS 11-230V
Article number		4.460.000.101	4.460.000.110	4.460.000.002
Power input		–	–	45 W
Battery voltage / Input voltage		3.6 V / –	20 V / –	– / 230 V / 50 Hz
Battery capacity		1.5 Ah	2.0 Ah	–
Battery charging time		3 h	1 h	–
Shots per minute		30	30	30
Magazine capacity	Staples type 53 / 55	100 / –	– / 100	100 / –
	Nails type 47	50	50	50
Dimensions (length x width x height)		43 x 180 x 150 mm	70 x 200 x 225 mm	55 x 190 x 155 mm
Weight		0.72 kg	2.5 kg	0.50 kg
Functions and features		PTNS 10-3,6V	PTNS 10-20V	PTNS 11-230V
Safety nose		■	■	■
Safety switch		–	–	–
Level indicator for staples and nails		■	■	■
Soft grip rubber		■	■	■
On / off switch		■	–	■
Two-stage battery level indication		■	■	–
	Bottom loader for staples and nails	■	■	■
Scope of delivery		PTNS 10-3,6V	PTNS 10-20V	PTNS 11-230V
Staples type 53	Length 6 mm	1,000	–	–
	Length 8 mm	1,000	–	–
	Length 14 mm	–	–	200
Staples type 55	Length 20 mm	–	500	–
	Length 25 mm	–	–	–
Nails type 47	Length 10 mm	500	–	–
	Length 15 mm	–	–	100
	Length 20 mm	–	500	–
Charger / Quick charger		■ / –	– / ■	– / –
Replacement battery		–	■	–
	Transport case	–	■	–
Recommended accessories		PTNS 10-3,6V	PTNS 10-20V	PTNS 11-230V
Spare battery Flexpower 20V 2.0 Ah		–	6.200.000.303	–
Spare battery Flexpower 20V 4.0 Ah		–	6.200.000.320	–
Staples, type 53, 11.4x6 mm, 5,000 pieces		6.245.001.101	–	6.245.001.101
Staples, type 53, 11.4x8 mm, 5,000 pieces		6.245.001.105	–	6.245.001.105
Staples, type 55, 6x15-20 mm, 3,000 pieces		–	6.245.001.108	–
Staples, type 55, 6x25 mm, 2,000 pieces		–	6.245.001.109	–
Nails, type 47, 10 mm, 5,000 pieces		6.245.001.120	–	6.245.001.120
Nails, type 47, 15, 20, 25, 32 mm, 3,000 pieces		–	6.245.001.122	–

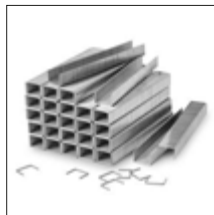
# Professional sets for staplers



## Staples, type 53, 6 x 11.4 mm, 5,000 pieces

Article number	6.245.001.101
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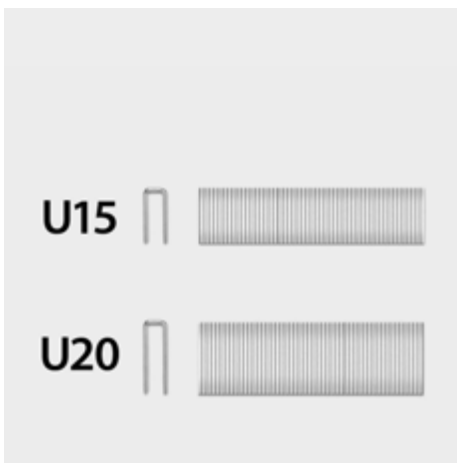
- Suitable for commercially available electric tackers
- Economy pack 5,000 pieces
- For fixing paper, fabrics, paddings, plastic sheets, canvases, wire mesh fences, roofing papers or rear panels of cupboards and many other things



## Staples, type 53, 8 x 11.4 mm, 5,000 pieces

Article number	6.245.001.105
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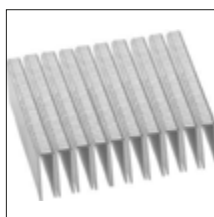
- Suitable for commercially available electric tackers
- Economy pack 5,000 pieces
- For fixing paper, fabrics, paddings, plastic sheets, canvases, wire mesh fences, roofing papers or rear panels of cupboards and many other things



## Staples, type 55, 6 x 15-20 mm, 3,000 pieces

Article number	6.245.001.108
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- Suitable for commercially available electric tackers
- Economy pack 3,000 pieces
- For fixing paper, fabrics, paddings, plastic sheets, canvases, wire mesh fences, roofing papers or rear panels of cupboards and many other things



## Staples, type 55, 6 x 25 mm, 2,000 pieces

Article number	6.245.001.109
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- Suitable for commercially available electric tackers
- Economy pack 2,000 pieces
- For fixing paper, fabrics, paddings, plastic sheets, canvases, wire mesh fences, roofing papers or rear panels of cupboards and many other things

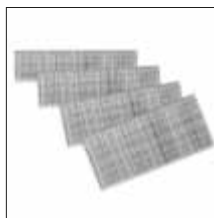
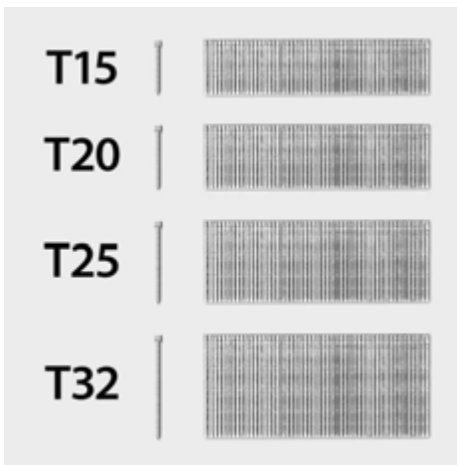




**Nails, type 47, 10 mm, 5,000 pieces**

Article number	6.245.001.120
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- Suitable for commercially available electric tackers
- Economy pack 5,000 pieces
- For fixing paper, fabrics, paddings, plastic sheets, canvases, trims, chamfers, roofing papers or rear panels of cupboards and many other things



**Nails, type 47 / 15, 20, 25, 32 mm, 3,000 pieces**

Article number	6.245.001.122
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- Suitable for commercially available electric tackers
- Economy pack 3,000 pieces
- For fixing paper, fabrics, paddings, plastic sheets, canvases, trims, chamfers, roofing papers or rear panels of cupboards and many other things





### PPOS 10-20V Cordless polisher

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Powerful polishing machine with 3,000 revolutions per minute for a high polishing efficiency
- Ideally suited for treating and refurbishing cars, boats, caravans, motorcycles, floors, furniture and other painted surfaces
- Large polishing disc with Ø 245 mm for machining large surfaces
- No polishing marks thanks to eccentric motion
- Overload protection for user and device safety
- Ergonomic design to save effort
- Grip inlays in the housing provide an extra firm hold
- Two handles for maximum surface control
- Easy handling allows an even pressure distribution
- Quick charger with automatic charge termination: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Incl. terry cloth and synthetic fibre polishing bonnets

### PPOS 10-120 Polisher

- Powerful 120 W motor with constantly high performance even under load
- High-performance polishing machine with 3,600 revolutions per minute for a high polishing efficiency
- Ideally suited for treating and refurbishing cars, boats, caravans, motorcycles, floors, furniture and other painted surfaces
- Large polishing disc with Ø 245 mm for machining large surfaces
- No polishing marks thanks to eccentric motion
- Ergonomic design to save effort
- Grip inlays in the housing provide an extra firm hold
- Two handles for maximum surface control
- Easy handling allows an even pressure distribution
- Incl. 2 terry cloth and 2 synthetic fibre polishing bonnets
- Wide operating range owing to robust rubber cable of 5 m length

## Polishing machines

### Products overview:



Technical data	PPOS 10-20V	PPOS 10-120
Article number	4.450.000.101	4.450.000.103
Power input	–	120 W
Battery voltage / Input voltage	20 V / –	– / 220 - 240 V/50 - 60 Hz
Cable length	–	5 m
Battery capacity	2,0 Ah	–
Battery charging time	1 h	–
Idle speed	3,000 min <sup>-1</sup>	3,600 min <sup>-1</sup>
Polishing disc	Diameter	245 mm
Rotational motion		Eccentric
Oscillating circuit		5 mm
Dimensions (length x width x height)	245 x 245 x 205 mm	245 x 245 x 205 mm
Weight	2 kg	2 kg
Functions and features	PPOS 10-20V	PPOS 10-120
On / off switch	■	■
Continuous operation	■	■
Tool-free accessory change	■	■
Anti-slip handle	■	■
Scope of delivery	PPOS 10-20V	PPOS 10-120
Terry cloth polishing bonnet	1 x	2 x
Synthetic fibre polishing bonnet	1 x	2 x
Quick charger	■	–
Replacement battery	■	–
Recommended accessories	PPOS 10-20V	PPOS 10-120
Spare battery Flexpower 20V 2,0 Ah	6.200.000.303	–
Spare battery Flexpower 20V 4,0 Ah	6.200.000.320	–
Replacement polishing pad set	6.235.000.201	6.235.000.201



### PMSS 11-220 3-in-1 multi-functional sander

- 3-in-1: delta sander, random orbital sander and orbital sander
- Powerful 200 W motor with constantly high performance even under load
- Ideal for all sanding work in corners, along edges and on larger surfaces
- Infinitely variable oscillation rate selection with soft start
- Switch for continuous operation
- Simple exchange of sanding sheets thanks to Velcro® or tool-free clamping system
- Also suitable for sandpaper without Velcro® backing
- Soft grip rubber inlays in the housing for extra firm hold
- Clean working environment due to dust collector or adapter for external dust extraction
- Suitable for both right- and left-handers
- Suitable for commercially available sanding sheets
- Wide operating range owing to robust rubber cable of 3 m length

### Technical data

Article number	4.450.000.052	
Power input	200 W	
Speed selection	7,000 - 12,000 min <sup>-1</sup>	
Nominal oscillation rate	14,000 - 24,000 min <sup>-1</sup>	
Grinding surface	Delta sanding plate	108 cm <sup>2</sup>
	Random orbital sanding plate	116 cm <sup>2</sup>
	Orbital sanding plate	165 cm <sup>2</sup>
Oscillating circuit	2 mm	
Input voltage	230 V/50 Hz	
Cable length	3 m	
Scope of delivery	Dust collector, Orbital sanding plate, Randomorbital sanding plate, Delta sanding plate, 3 sanding sheets (grain size 80), 3 sanding sheets (grain size 240), Reducer, Transport case	
Weight	1,500 g	
Recommended accessories		
Power strip 3-fold IP44 PVP3	7.333.000.202	
Power strip 6-fold IP44 PVP6	7.333.000.206	
Quality extension cable – 15 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.372	
Quality extension cable – 25 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.369	
Pro extension cable – 20 m / 230 V / 2.5 mm <sup>2</sup>	7.333.000.376	
Cable drum PVD1EU – 20 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.365	
Cable drum PVD2 – 25 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.367	
Cable drum PVD3 – 30 m / 230 V / 2.5 mm <sup>2</sup>	7.333.000.368	



### PESS 10-20V Cordless random orbital sander

- Powerful cordless random orbital sander for grinding work on wood, metal, spackle, gypsum and painted, lacquered or polished surfaces
- Powerful 20V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Infinitely variable rotational speed selection (1-6 levels) for numerous materials and applications
- Microfilter dust collector reduces dust for more cleanliness in the work area
- Connection adapter for external dust extraction
- Constantly high performance even under load
- Excellent grip for more comfort and control
- Easy exchange of sanding sheets thanks to Velcro® system
- Suitable for both right- and left-handers
- Suitable for commercially available sanding sheets (Ø 125 mm)
- Quick charger with automatic charge termination: charging time approx. 1 h
- Three-stage battery level indication integrated in the battery

### Technical data

Article number	4.450.000.031	
Battery voltage	20 V	
Battery capacity	2.0 Ah	
Idle speed	3,000 min <sup>-1</sup> - 12,000 min <sup>-1</sup>	
Oscillation frequency	6,000 - 24,000 min <sup>-1</sup>	
Grinding surface	Diameter	125 mm
Rotational movement	Eccentric	
Eccentricity	3.2 mm	
Handle, adjustable	6 positions	
Input voltage charger	230 - 240 V/50 Hz	
Scope of delivery	Random orbital sanding plate, 4x Sanding sheet wood (grain size 60/80/120/240), Dust collector, Adapter for external dust extraction, Removable battery, Charger, Transport case	
Weight	1,600 g	
Recommended accessories		
Spare battery Flexpower 20V 2.0 Ah	6.200.000.303	
Spare battery Flexpower 20V 4.0 Ah	6.200.000.320	



### PBSS 10-20V Cordless belt sander

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 4.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Perfect for sanding work on large surfaces
- Extremely handy for sanding, sharpening, smoothing, stripping, deburring and derusting wood, plastic, metal, steel and filled walls
- Switch lock for continuous operation
- Slim reel and automatic belt centring with fine adjustment option for working close to the edge
- Tool-free clamping system allowing a simple abrasive belt change
- Infinitely variable belt speed for material-compatible working
- Attachable textile dust bag with zip emptying for clean working
- Connection for external dust extraction
- Suitable for commercially available abrasive belts (76 x 457 mm)
- Main handle plus adjustable guide knob with rubberised softgrip inserts
- Quick charger with automatic charge termination: charging time approx. 1.5 h
- Three-stage battery level indication integrated in the battery



### PBSS 10-600 Belt sander

- Powerful 600 W belt sander allowing a high removal rate on larger surfaces
- Ideal for sanding, sharpening, smoothing, stripping, deburring and derusting wood, plastic, metal and steel
- Slim front roller for sanding close to the edge
- For mobile and stationary operation
- Switch lock for continuous operation
- Stationary operation is particularly useful for the continuous application
- Tool-free clamping system allowing a simple abrasive belt change
- Infinitely variable belt speed for material-compatible working
- Sanding belt can be finely adjusted with a set screw
- Soft grip rubber inlays in the housing for extra firm hold
- Clean working environment due to dust collector or adapter for external dust extraction
- Suitable for customary abrasive belts sized 75 x 457 mm
- Wide operating range owing to robust rubber cable of 4 m length



### PBSS 10-800 Belt sander

- Powerful 800 W belt sander allowing for a high removal rate on large surfaces
- Slim reel enabling sanding close to the edge
- Switch lock for continuous operation including retaining clamps for stationary use
- Tool-free clamping system allowing a simple abrasive belt change
- Steplessly adjustable belt speed (between 1 to 6 levels) ensures material-compliant working
- Automatic belt run centring with possibility of fine adjustment for working close to the edge
- Attachable textile dust bags with zip emptying for clean working
- Connection for external dust extraction
- Suitable for commercially available abrasive belts (76 x 457 mm)
- Main handle with rubberised softgrip insert plus guide knob for an extra firm hold and precise working



### PBSS 10-900 Belt sander

- Powerful 900 W belt sander allowing for a high removal rate on large surfaces
- Slim reel enabling sanding close to the edge
- Switch lock for continuous operation including retaining clamps for stationary use
- Tool-free clamping system allowing a simple abrasive belt change
- Steplessly adjustable belt speed (between 1 to 6 levels) ensures material-compliant working
- Automatic belt run centring with possibility of fine adjustment for working close to the edge
- Attachable textile dust bags with zip emptying for clean working
- Connection for external dust extraction
- Suitable for commercially available abrasive belts (76 x 533 mm)
- Main handle with rubberised softgrip insert plus guide knob for extra firm hold and precise working



# Belt sanders

## Products overview:



Technical data		PBSS 10-20V	PBSS 10-600	PBSS 10-800	PBSS 10-900
Article number		4.450.000.010	4.450.000.001	4.450.000.003	4.450.000.002
Power input		–	600 W	800 W	900 W
Battery voltage / Input voltage		20 V / –	– / 230 - 240 V/50 Hz	– / 230 V/50 Hz	– / 220 - 240 V/50 - 60 Hz
Battery capacity		4.0 Ah	–	–	–
Battery charging time		1.5 h	–	–	–
Speed selection		1,030 - 3,020 min <sup>-1</sup>	1,450 - 2,120 min <sup>-1</sup>	1,030 - 3,280 min <sup>-1</sup>	1,030 - 3,270 min <sup>-1</sup>
Belt speed		120 - 350 m/min.	170 - 250 m/min.	120 - 380 m/min.	120 - 380 m/min.
Belt dimensions (W x L)		76 x 457 mm	75 x 457 mm	76 x 457 mm	76 x 533 mm
Grinding surface		76 x 120 mm	75 x 130 mm	76 x 120 mm	76 x 154 mm
Dimensions (length x width x height)		160 x 390 x 190 mm	110 x 365 x 145 mm	150 x 350 x 155 mm	150 x 350 x 155 mm
Weight		3 kg	2 kg	3.75 kg	2.5 kg
Functions and features		PBSS 10-20V	PBSS 10-600	PBSS 10-800	PBSS 10-900
Powerful motor, constantly high performance		■	■	■	■
Infinitely variable belt speed		■	■	■	■
Continuous operation		■	■	■	■
Tool-free clamping system		■	■	■	■
Suitable for stationary operation		–	■	■	■
Mountable dust extraction		■	■	■	■
Soft grip rubber		■	■	■	■
Three-stage battery level indication		■	–	–	–
Scope of delivery		PBSS 10-20V	PBSS 10-600	PBSS 10-800	PBSS 10-900
Abrasive belt for wood (grain size 80)		■	■	■	■
Dust collector		–	■	–	–
Dust bag		■	–	■	■
Adapter for external dust extraction		■	■	■	■
Reducer		–	■	–	–
2 retaining brackets		–	■	■	■
Quick charger / Replacement battery		■/■	–/–	–/–	–/–
Transport case		■	–	–	–
Recommended accessories		PBSS 10-20V	PBSS 10-600	PBSS 10-800	PBSS 10-900
Spare battery Flexpower 20V 2.0 Ah		6.200.000.303	–	–	–
Spare battery Flexpower 20V 4.0 Ah		6.200.000.320	–	–	–
Belt sanding paper set, 10 pieces, 457x75mm		6.235.001.101	6.235.001.101	6.235.001.101	–
Belt sanding paper set, 10 pieces, 533x76mm		–	–	–	6.235.001.102

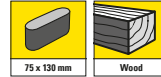
# Professional sets for belt sanders



## Belt sanding paper set, 10 pieces, 457 x 75 mm

Article number	6.235.001.101
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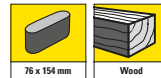
- Suitable for all customary belt sanders
- High level of resilience owing to high-quality belt
- Synthetic resin-bonded for long service life
- Suited for grinding, smoothing, stripping, edge breaking and removing paint
- 6 different grit sizes: 40, 60, 80, 100, 120 and 150 for all wood grinding tasks
- Dimensions: 457 x 75 mm



## Belt sanding paper set, 10 pieces, 533 x 76 mm

Article number	6.235.001.102
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- Suitable for all customary belt sanders
- High level of resilience owing to high-quality belt
- Synthetic resin-bonded for long service life
- Suited for grinding, smoothing, stripping, edge breaking and removing paint
- 6 different grit sizes: 40, 60, 80, 100, 120 and 150 for all wood grinding tasks
- Dimensions: 533 x 76 mm





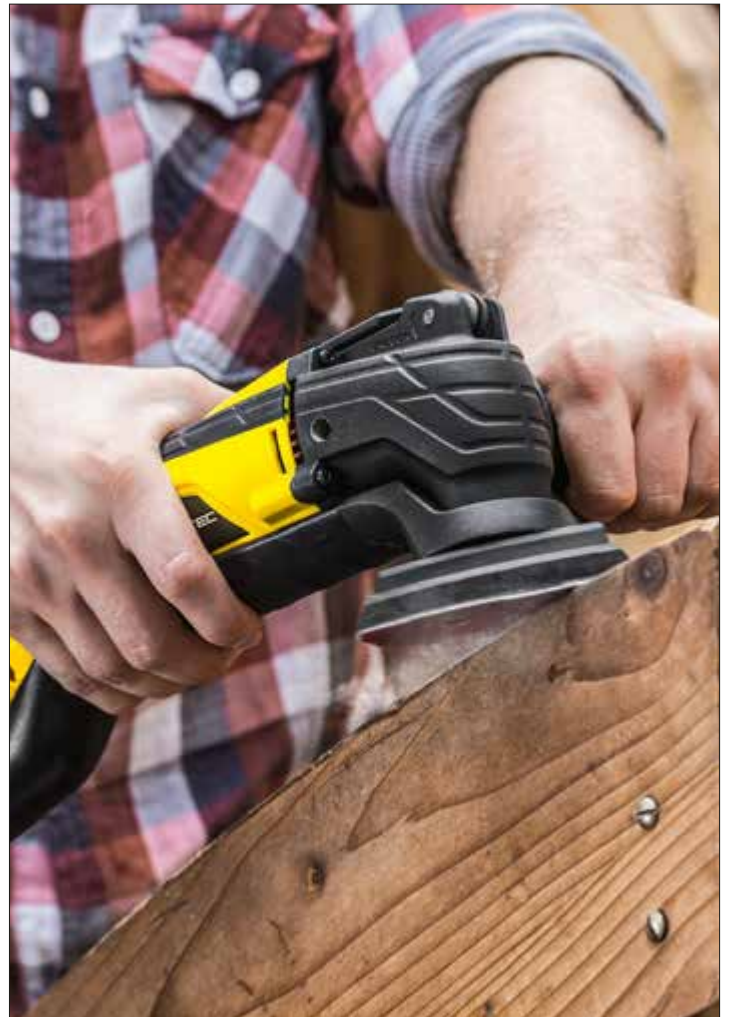
**PMTS 10-20V Cordless multi-function tool**

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Powerful motor with constantly high performance even under load
- Professional oscillation technology for grinding, scraping, sawing, cutting
- Infinitely variable oscillation rate selection with soft start
- Quick-release system for accessories exchange without tools within a few seconds
- Accessories can be mounted variably in 12 different working positions
- Integrated LED work lamp
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Additional handle for precise guiding and vibration-damped working
- Mountable dust extraction system



**PMTS 10-230V Multi-function tool**

- Powerful 300 W motor with constantly high performance even under load
- Professional oscillation technology for grinding, scraping, sawing, cutting
- Infinitely variable oscillation rate selection with soft start
- Quick-release system for accessories exchange without tools within a few seconds
- Accessories can be mounted variably in 12 different working positions
- Additional handle for precise guiding and vibration-damped working
- Mountable dust extraction system
- Cable with suspension eye as additional storage option
- Wide operating range owing to robust rubber cable of 2 m length



# Multi-function tools

## Products overview:



Technical data		PMTS 10-20V	PMTS 10-230V
Article number		4.420.000.055	4.420.000.101
<b>W</b>	Power input	–	300 W
<b>V</b>	Battery voltage / Input voltage	20V / –	– / 230 - 240V/50 Hz
<b>Li-Ion</b>	Battery capacity	2.0Ah	–
	Battery charging time	1 h	–
<b>min<sup>-1</sup></b>	Idle speed	5,000 - 19,000 min <sup>-1</sup>	15,000 - 21,000 min <sup>-1</sup>
	Oscilation angle	3.2°	3.2°
Dimensions (length x width x height)		320 x 80 x 120 mm	280 x 65 x 100 mm
Weight		1.25 kg	1.8 kg
Functions and features		PMTS 10-20V	PMTS 10-230V
	Powerful motor, constantly high performance	■	■
	Tool-free accessory change	■	■
	Variable tool orientation	■	■
	Handle is mountable on both sides	■	■
	Mountable dust extraction	■	■
	Soft grip rubber	■	■
	Three-stage battery level indication	■	–
	Integrated LED work lamp	■	–
Scope of delivery		PMTS 10-20V	PMTS 10-230V
Storage case incl. accessories		–	–
Scraper HCS		■	■
Segment saw blade HSS		–	■
Diamond saw blade T65		■	–
Plunge saw HCS		■	■
Plunge saw BIM		–	■
Delta sanding plate		■	■
Quick charger / Replacement battery		■/■	–/–
	Transport case	■	■
Recommended accessories		PMTS 10-20V	PMTS 10-230V
Spare battery 1.5 Ah		–	–
Spare battery Flexpower 20V 2.0 Ah		6.200.000.303	–
Accessory kit 1 – Universal		6.210.000.101	6.210.000.101
Accessory kit 2 – Bathroom renovation		6.210.000.102	6.210.000.102
Accessory kit 3 – Triangular Abrasive Paper		–	6.210.000.201
Delta plate for PMTS multifunctional tools		7.010.000.010	7.010.000.010



# Professional sets for multi-function tools



## Accessory kit 1 - Universal - 24 pieces

Article number	6.210.000.101
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- Suitable for all standard multi-function tools
- Scraper HCS SC 80/30 for removing tile adhesive, silicone, mortar, paint residues
- Segment saw blade HSS SM 85/20 for wood and metal
- Plunge saw blade BIM CS 75/25 for wood, plastic, GRP, light metal and non-ferrous metal
- Plunge saw blade HCS CS 95/40 for wood, plasterboard and soft plastics
- 20 Abrasive sandpaper for wood:  
4 each of grit 60, 80, 100, 120 and 240



## Accessory kit 2 - Bathroom restoration - 13 pieces

Article number	6.210.000.102
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- Suitable for all standard multi-function tools
- Diamond saw blade T64 for milling out joints at wall and flooring tiles
- RIFF grinding plate T79 for removing tile adhesive and mortar
- Scraper HCS SC 80/30 for removing tile adhesive, silicone, mortar, paint residues
- 10 Abrasive sandpaper for wood:  
2 each of grit 60, 80, 100, 120 and 240



## Accessory kit 3 - Triangular Abrasive Paper - 30 pieces

Article number	6.210.000.201
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- Velcro®-backed triangle sandpaper
- 6-hole ring-shaped
- Suitable for all multi-function tools and delta sanders with Velcro®-backed system
- Paperdimension: 93 x 93 x 93 mm
- 30 Abrasive sandpaper for wood:  
6 each of grit 60, 80, 100, 120 and 240



## Delta plate for PMTS multifunctional tools

Article number	7.010.000.010
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- Also suitable for multifunction devices of other brands
- Suitable for Velcro® sanding triangles
- Suitable for dust extraction
- For Velcro® sanding triangles with blade dimensions: 93 x 93 x 93 mm





### PMTS 01-12V Cordless multi-function tool

- Versatile cordless multi-function tool for perfect work results
- Powerful 12 V lithium-ion battery without memory effect and without self-discharge
- 12V-2Ah battery – can be flexibly combined with the cordless drill driver PSCS 11-12V
- Versatile rotation tool for grinding, drilling, cutting, milling, engraving and lots more
- Suitable for processing a large variety of different materials such as wood, metal, plastics, ceramic or glass
- 51-piece accessory kit with versatile tool bits
- 7-level speed selection for material-compliant working
- Ergonomic design for better control and greater user comfort
- Charger with automatic charge termination: 5 hours charging time
- Three-stage battery level indication integrated in the device
- Transport case including tool holder and sorting inserts

### PMTS 01-230V Multi-function tool

- Powerful 170 W motor with constantly high performance even under load
- Versatile rotary tool for grinding, scraping, drilling, cutting and milling applications et al
- Suitable for processing various materials such as glass, wood or metal
- Ergonomic design for better control and greater user comfort
- Infinitely variable oscillation rate selection with soft start
- Positioning fixture provides stability for precise projects
- Highly flexible bending shaft for extra precise working
- Additional handle for precise guiding and vibration-damped working
- Accessories set with 85 pieces in practical storage box
- Wide operating range owing to robust rubber cable of 1.8 m length

## Rotary tools

### Products overview:



Technical data	PMTS 01-12V	PMTS 01-230V
Article number	4.420.000.004	4.420.000.001
Power input	–	170 W
Battery voltage / Input voltage	12 V / –	– / 230 V/50 Hz
Battery capacity / Battery charging time	2 Ah / 5 h	–
Idle speed	5,000 - 25,000 min <sup>-1</sup>	10,000 - 35,000 min <sup>-1</sup>
Dimensions (length x width x height)	235 x 55 x 50 mm	250 x 40 x 60 mm
Weight	0.42 kg	0.65 kg
Functions and features	PMTS 01-12V	PMTS 01-230V
Powerful motor, constantly high performance	■	■
On / off switch	■	■
Handle is mountable	–	■
Spindle lock	■	■
Soft grip rubber	■	■
Three-stage battery level indication	■	–
Scope of delivery	PMTS 01-12V	PMTS 01-230V
Storage case incl. accessories	■	■
Quick charger / Replacement battery	■/■	–/–
Transport case	■	■
Recommended accessories	PMTS 01-12V	PMTS 01-230V
Spare battery 2.0 Ah	6.200.000.102	–
Multi-function tool set, 282 pieces	6.210.000.301	6.210.000.301



# Professional set

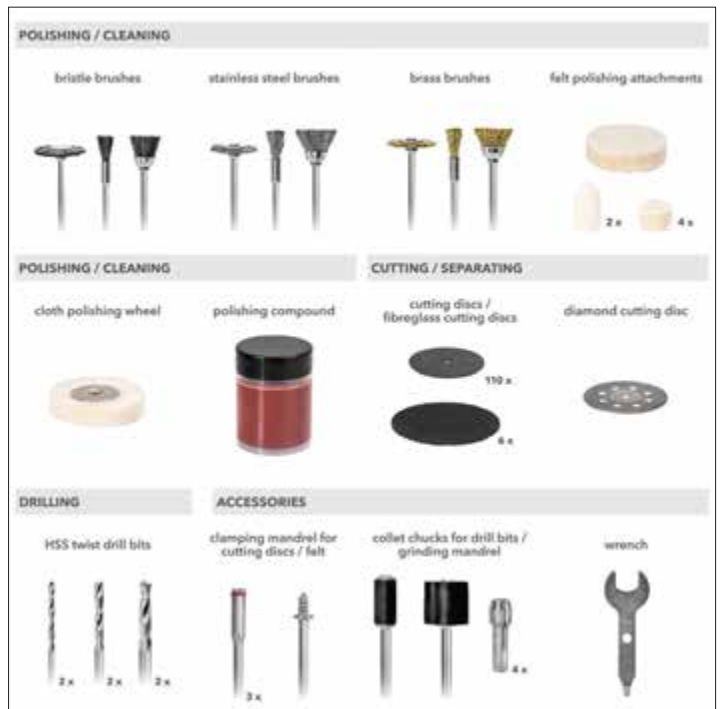
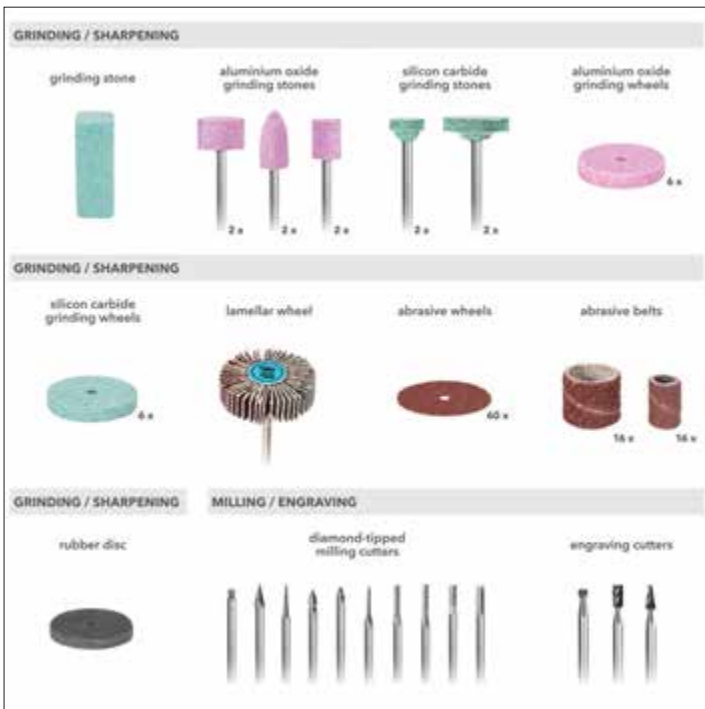
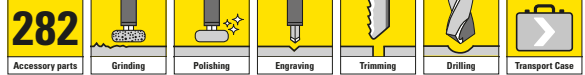
for the multi-function tools PMTS 01-12V / PMTS 01-230V



## Multi-function tool set, 282 pieces

Article number 6.210.000.301

- 282-piece multi-purpose accessories set for a variety of applications
- Tool tips for cutting, grinding, polishing, drilling, engraving, sharpening or cleaning
- Suitable for various materials such as wood, metal, plastics, ceramics, glass, leather, etc.
- High-quality materials for a long service life
- Suitable for Trotec PMTS 01-12V / PMTS 01-230V and all customary multi-function tools
- Accessories set with 85 pieces in practical storage box





## Technical data

Article number	4.450.000.040	
Power input	120 W	
Idle speed	0 - 11,500 min <sup>-1</sup>	
Operating speed	45 m/s	
Abrasive wheel diameter	75 mm	
Grain size	Grinding wheel	120
	Polishing wheel	400
Input voltage	230 V/50 Hz	
Cable length	Device	2 m
	Flexible shaft	1 m
Scope of delivery	Flexible shaft, 100-piece accessory set	
Weight	2,000 g	

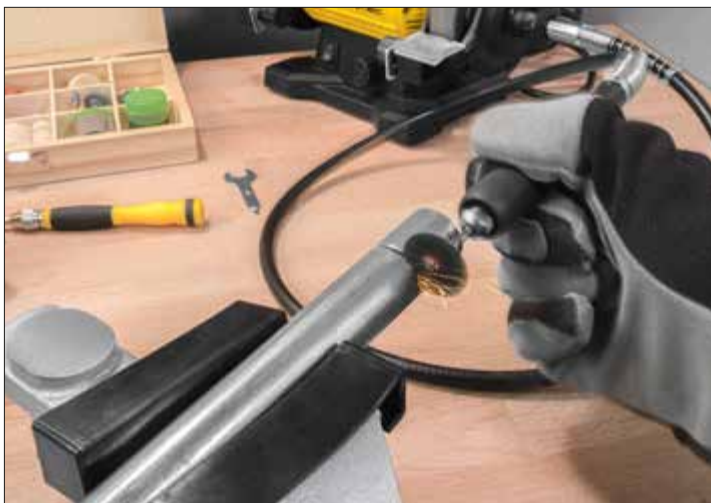


### PBGS 10-120 Double grinding machine

- Powerful sanding performance for processing steel, non-ferrous metals, wood, plastics and paint
- Ininitely variable speed adjustment for versatile, material-compliant sanding and polishing tasks
- Can also be used for cutting and cleaning work thanks to the extensive range of accessories
- Sharpening knives, scissors or drill bits is effortless
- The bench grinding machine is equipped with 2 abrasive wheels for coarse and fine sanding
- Adjustable spark guards with closed disc guards for safe working
- Stable due to slip-resistant rubber feet
- Suitable for table mounting
- 1 m long flexible shaft for precision work
- 100-piece accessories, neatly arranged in a practical wooden case

### Recommended accessories

Grinding stone set PBGS 10-120	6.235.001.110
Multi-function tool set, 282 pieces	6.210.000.301
Power strip 3-fold IP44 PVP3	7.333.000.202
Power strip 6-fold IP44 PVP6	7.333.000.206
Quality extension cable – 15 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.372
Quality extension cable – 25 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.369
Pro extension cable – 20 m / 230 V / 2.5 mm <sup>2</sup>	7.333.000.376
Cable drum PVD1EU – 20 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.365
Cable drum PVD2 – 25 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.367
Cable drum PVD3 – 30 m / 230 V / 2.5 mm <sup>2</sup>	7.333.000.368







### PRTS 10-1200 Router

- 1,200 W routing machine (55 mm plunge depth) for creative and comfortable working with wood, lightweight construction materials and non-ferrous metals
- Milling depth setting accurate to within 1/10 mm for precise working
- Guide rods, rebating depth stop and rip fence with fine adjustment (0.1 mm) ensure maximum accuracy even when tasks are challenging
- Infinitely variable speed – ideal for various milling cutters and materials
- 6-piece milling cutter set for various applications, meets a wide range of cutting needs
- Guide bush for precise reproduction of cutting shapes
- Compass tip for circle cutting function
- Suitable for commercially available milling cutters with 6 or 8 mm shank

### Technical data

Article number	4.450.000.201
Power input	1,200 W
Idle speed	11,000 - 30,000 min <sup>-1</sup>
Milling depth / milling stroke	0 - 55 mm in 1 mm steps
Tool holder	6 - 8 mm
Input voltage	230 V/50 Hz
Cable length	3 m
Scope of delivery	Rip fence, Depth stop, Adapter for dust extraction, Dust pipe, 2x Collet chucks, Guide bush, Compass tip, 6x Router bits, Open-end wrench
Weight	3,000 g
Recommended accessories	
Multi-function tool set, 282 pieces	6.210.000.301
Power strip 3-fold IP44 PVP3	7.333.000.202
Power strip 6-fold IP44 PVP6	7.333.000.206
Quality extension cable – 15 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.372
Quality extension cable – 25 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.369
Pro extension cable – 20 m / 230 V / 2.5 mm <sup>2</sup>	7.333.000.376
Cable drum PVD1EU – 20 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.365
Cable drum PVD2 – 25 m / 230 V / 1.5 mm <sup>2</sup>	7.333.000.367
Cable drum PVD3 – 30 m / 230 V / 2.5 mm <sup>2</sup>	7.333.000.368





### PPLS 10-20V Cordless planer

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 4.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Secure grip and fine cutting depth adjustment thanks to guide and cutting depth handle
- Chip ejection to the left or right-hand side as desired – preventing chip congestion
- Three differently sized V-grooves for easy chamfering of edges
- Safe planer positioning thanks to automatic lift-off device
- High-quality carbide blades providing excellent surface quality
- Rebating depth stop and rip fence ensuring high accuracy even for demanding planing work
- Large cutting head for optimal planing results
- Safety switch preventing unintentional switch-on
- Solid aluminium base plates for plane work results
- Quick charger with automatic charge termination: only 1.5 hours of charging required
- Three-stage battery level indication integrated in the battery
- Connection for external dust extraction



### PPLS 10-750 Planer

- Compact and powerful 750 W planer for demanding applications up to a cutting depth of 3 mm
- Secure grip and fine cutting depth adjustment thanks to guide and cutting depth handle
- Chip ejection to the left or right-hand side as desired – preventing chip congestion
- Three differently sized V grooves for easy chamfering of edges
- Safe planer positioning thanks to automatic lift-off device
- High-quality carbide blades providing excellent surface quality
- Rebating depth stop and parallel guide ensuring high accuracy even for demanding planing work
- Large cutting head for optimal planing results
- Safety switch preventing unintentional switch-on
- Stable aluminium base plates for plane work results
- Connection for external dust extraction
- Wide operating range owing to robust rubber cable of 3 m length


















### PPLS 10-800 Planer

- Compact and powerful 800 W planer for demanding applications up to a cutting depth of 2.5 mm
- Combined guide and cutting depth knob enabling secure grip and fine adjustment of the cutting depth
- Three differently sized V-grooves for easy chamfering of edges
- Automatic lift-off device protecting the cutting head and workpiece
- Rebating depth stop and rip fence ensuring high accuracy even for demanding planing work
- Reversible high-quality carbide blades providing excellent surface quality
- Large cutting head for optimal planing results
- Safety switch preventing unintentional switch-on
- Solid aluminium base plates for plane work results
- A robust, attachable dust collection bag is already included in the scope of delivery
- Soft grip rubber inlays in the housing guaranteeing extra firm grip





Technical data		PPLS 10-20V	PPLS 10-750	PPLS 10-800
Article number		4.450.000.110	4.450.000.100	4.450.000.102
<b>W</b>	Power input	–	750 W	800 W
	Cable length	–	3 m	2 m
<b>V</b>	Battery voltage / Input voltage	20 V / –	– / 230 V/50 Hz	– / 220-240 V/50 Hz
<b>Li-Ion</b>	Battery capacity	4.0 Ah	–	–
	Battery charging time	1.5 h	–	–
<b>min<sup>-1</sup></b>	Idle speed	0 - 12,000 min <sup>-1</sup>	0 - 13,000 min <sup>-1</sup>	0 - 17,000 min <sup>-1</sup>
	Planing width	82 mm	82 mm	82 mm
	Cutting depth	0 - 1.5 mm	0 - 3.0 mm	0 - 2.5 mm
	Rebating depth	max. 10 mm	max. 15 mm	max. 11 mm
Dimensions (length x width x height)		321 x 168 x 175 mm	355 x 170 x 190 mm	275 x 163 x 190 mm
Weight		2 kg	3.5 kg	3.5 kg
Functions and features		PPLS 10-20V	PPLS 10-750	PPLS 10-800
	Three differently sized V grooves for easy chamfering of edges	■	■	■
	Guide and cutting depth handle	■	■	■
	Rebating depth stop	■	■	■
	Rip fence	■	■	■
	Chip ejection	optionally left / right	optionally left / right	right
	Safety switch	■	■	■
	Automatic lift-off device	■	■	■
	Connection for external dust extraction	■	■	■
	Three-stage battery level indication integrated in the battery	■	–	–
	Soft grip rubber	■	■	■
Scope of delivery		PPLS 10-20V	PPLS 10-750	PPLS 10-800
Rip fence		■	■	■
Rebating depth stop		■	■	■
Adapter for dust extraction		■	■	–
Dust bag		–	–	■
Allen wrench		■	■	■
Open-end wrench		■	■	■
	Quick charger / removable battery	■ / ■	– / –	– / –
Recommended accessories		PPLS 10-20V	PPLS 10-750	PPLS 10-800
Spare battery Flexpower 20V 2.0 Ah		6.200.000.303	–	–
Spare battery Flexpower 20V 4.0 Ah		6.200.000.320	–	–



### PAGS 21-115 Cordless angle grinder

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20V 4.0 Ah – can be flexibly combined also with other cordless tools
- Ideal for cutting, grinding and brushing metal as well as for cutting tiles and concrete blocks
- Constantly high performance with a steady speed of 10,000 rpm even under load
- Durable, slim die-cast aluminium gearhead
- Comfortable working due to low vibrations
- Spindle lock allowing simple exchange of discs
- Quick and tool-free adjustment of the guard
- Main and additional handle with soft grip rubber inlays
- Additional handle can be variably mounted in 3 positions
- Face spanner can be stored in additional handle for a fast change of accessories
- Angle grinder can be stored in the case without having to disassemble the disc
- Quick charger with automatic charge termination: only 1.5 hours of charging required
- Three-stage battery level indication integrated in the battery



### PAGS 10-115 Angle grinder

- Powerful and durable 500 W motor for quick and efficient continuous operation
- Ideal for cutting, grinding and brushing metal as well as for cutting tiles and concrete blocks
- Constantly high performance with a steady speed of 12,000 rpm even under load
- On/off switch with start lock
- Switch for continuous operation
- Restart protection preventing unintentional start-up of the device after a power failure
- Durable and slim die-cast aluminium gearhead
- Comfortable working due to low vibrations
- Spindle locking allows for easy disk change
- Adjustable disc and brush protection
- Additional handle can be variably mounted in 2 positions
- Wide operating range owing to robust rubber cable of 2.5 m length



### PAGS 10-125 Angle grinder

- Powerful and durable 1,200 W motor for quick and efficient continuous operation
- Ideal for cutting, grinding and brushing metal as well as for cutting tiles and concrete blocks
- Material-compatible working thanks to infinitely variable speed selection via setting wheel
- Constantly high performance with a steady speed of 5,000 rpm - 12,000 rpm even under load
- Durable and slim die-cast aluminium gearhead
- Comfortable working due to low vibrations
- Spindle locking allows for easy disk change
- Quick and tool-free adjustment of the protective cover
- On/off switch with start lock
- Main and additional handle with soft grip rubber inlays
- Additional handle can be variably mounted in 3 positions
- Storage of the angle grinder in the case without prior removal of the disc
- Wide operating range owing to robust rubber cable of 3 m length



### PAGS 11-125 Angle grinder

- Powerful and durable 1,200 W motor for quick and efficient continuous operation
- Ideal for cutting, grinding and brushing metal as well as for cutting tiles and concrete blocks
- Material-compatible working thanks to infinitely variable speed selection via setting wheel
- Constantly high performance with a steady speed of 3,000 rpm - 12,000 rpm even under load
- Durable and slim die-cast aluminium gearhead
- Comfortable working due to low vibrations
- Spindle locking allows for easy disk change
- Quick and tool-free adjustment of the protective cover
- On/off switch with start lock
- Main and additional handle with soft grip rubber inlays
- Additional handle can be variably mounted in 3 positions
- Storage of the angle grinder in the case without prior removal of the disc
- Wide operating range owing to robust rubber cable of 3 m length



### PAGS 10-230 Angle grinder














- Powerful and durable 2,000 W motor for quick and efficient continuous operation
- Ideal for cutting, grinding and brushing metal as well as for cutting tiles and concrete blocks
- Constantly high performance with a steady speed of 6,500 rpm even under load
- Durable and slim die-cast aluminium gearhead
- Comfortable working due to low vibrations
- Spindle locking allows for easy disc change
- Quick and tool-free adjustment of the protective cover
- On/off switch with start lock
- Soft start and starting current limitation
- Gearhead adjustable in 3 positions
- Main and additional handle with soft grip rubber inlays
- Additional handle can be variably mounted in 3 positions
- Storage of the angle grinder in the case without prior removal of the disc
- Wide operating range owing to robust rubber cable of 4 m length



# Angle grinders

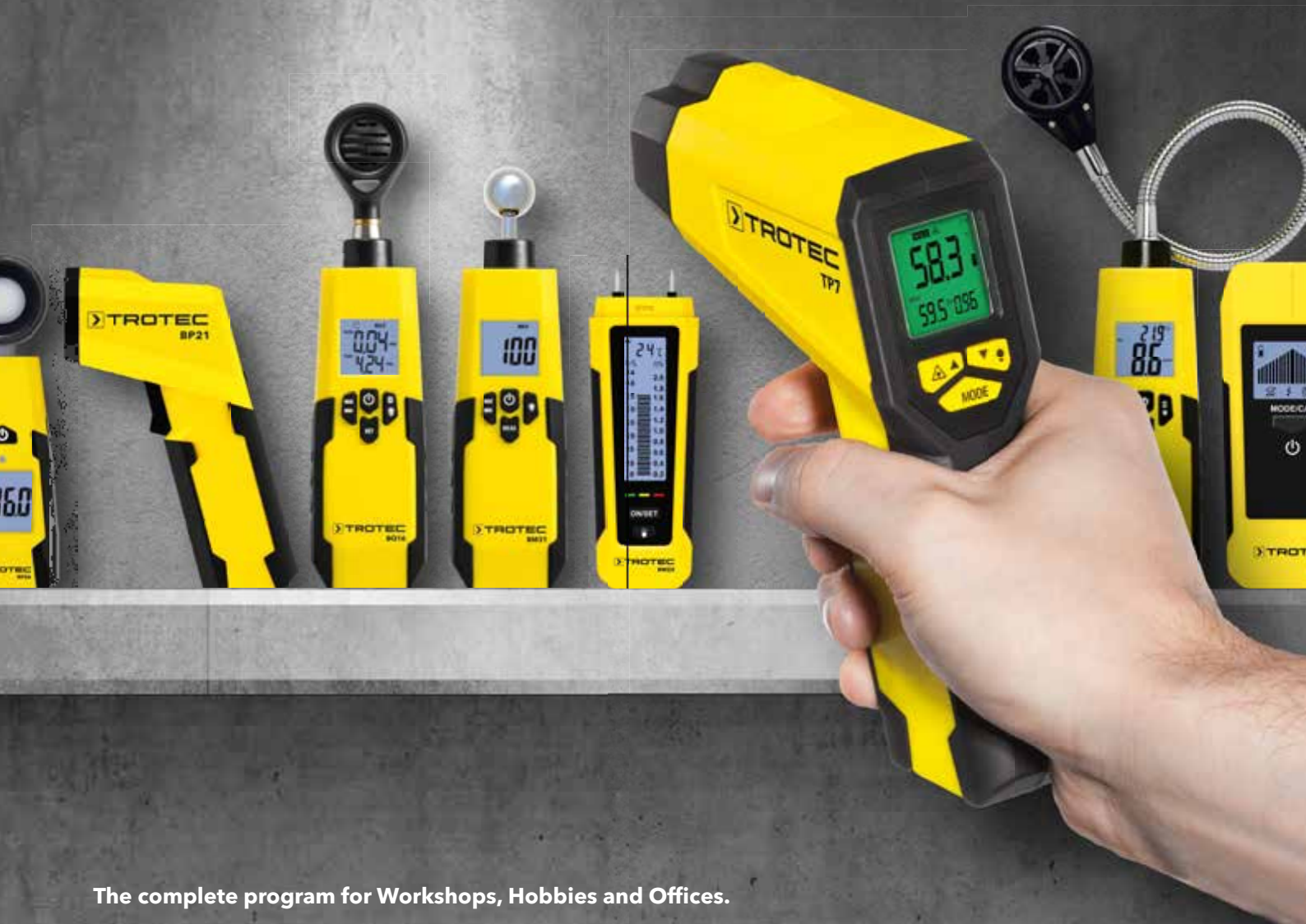
## Products overview:



Technical data		PAGS 21-115	PAGS 10-115	PAGS 10-125	PAGS 11-125	PAGS 10-230
Article number		4.440.000.206	4.440.000.305	4.440.000.005	4.440.000.006	4.440.000.105
 Power input		–	500 W	1,200 W	1,200 W	2,000 W
 Battery voltage / Input voltage		20 V / –	– / 230 - 240 V/50 Hz	– / 230 V/50 Hz	– / 230 - 240 V/50 Hz	– / 230 V/50 Hz
	Cable length	–	2.5 m	3 m	3 m	4 m
 Idle speed		10,000 min <sup>-1</sup>	12,000 min <sup>-1</sup>	5,000 - 12,000 min <sup>-1</sup>	3,000 - 12,000 min <sup>-1</sup>	6,500 min <sup>-1</sup>
	Diameter cutting disc	115 mm	115 mm	125 mm	125 mm	230 mm
	Dimensions (length x width x height)	128 x 325 x 128 mm	120 x 300 x 120 mm	100 x 420 x 120 mm	140 x 390 x 120 mm	170 x 570 x 155 mm
	Weight	2.55 kg	1.5 kg	2.5 kg	2.5 kg	5 kg
Functions and features		PAGS 21-115	PAGS 10-115	PAGS 10-125	PAGS 11-125	PAGS 10-230
 Powerful and durable motor for quick and efficient continuous operation		■	■	■	■	■
 Comfortable working due to low vibrations		■	■	■	■	■
 Continuously variable speed control		–	–	■	■	–
 Soft start and starting current limitation		–	–	–	–	■
 Spindle lock		■	■	■	■	■
 Gearhead adjustable in 3 positions		–	–	–	–	■
 Adjustable disc and brush protection		■	■	■	■	■
 Multi-side mountable handle		■	■	■	■	■
 Soft grip rubber		■	–	■	■	■
Scope of delivery		PAGS 21-115	PAGS 10-115	PAGS 10-125	PAGS 11-125	PAGS 10-230
	Cutting disc	■	■	■	■	■
	Protective cover	■	■	■	■	■
	Additional handle	■	■	■	■	■
	Two hole spanner wrench	■	■	■	■	■
 Transport case		■	■	■	■	■
Recommended accessories		PAGS 21-115	PAGS 10-115	PAGS 10-125	PAGS 11-125	PAGS 10-230
	Spare battery Flexpower 20V 4.0 Ah	6.200.000.320	–	–	–	–
	Cutting disc stone 125, 5 pieces	–	–	6.225.001.101	6.225.001.101	–
	Cutting disc metal / steel / stainless steel 125, 12 pieces	–	–	6.225.001.111	6.225.001.111	–
	Cutting discs set diamond 110/115, 4 pieces	6.225.001.121	6.225.001.121	6.225.001.121	6.225.001.121	–
	Cutting / grinding discs set 125, 11 pieces	–	–	6.225.001.131	6.225.001.131	–
	Cutting disc metal / steel / stainless steel 230, 5 pieces	–	–	–	–	6.225.001.211
	Cutting disc diamond 230, 1 piece	–	–	–	–	6.225.001.221

# PRECISE.

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- Air Quality
- Material Moisture
- Liquid Analysis
- Location and Detection
- Optical Inspection
- Ultrasound
- UV-A radiation

# Professional sets for angle grinders



## Cutting disc stone 125, 5 pieces – cranked

Article number	6.225.001.101
----------------	---------------

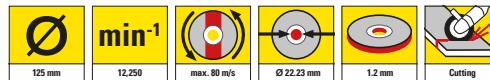
- Suitable for hand-held angle grinders
- Suitable for use in granite, concrete, masonry, limestone, natural and artificial stone
- Dimensions: Ø 125 mm, cutting disc thickness: 3.2 mm, bore: Ø 22.23 mm
- Peripheral speed: max. 80 m/s
- Throttle: 12,250 min<sup>-1</sup>



## Cutting disc metal / steel / stainless steel 125, 12 pieces – straight

Article number	6.225.001.111
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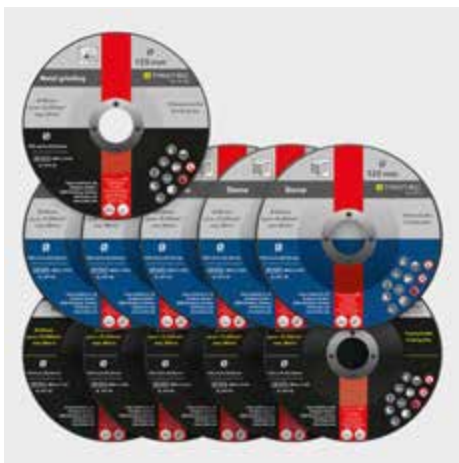
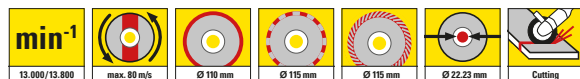
- Suitable for hand-held angle grinders
- For processing thin-walled profiles and pipes made of metal and steel sheet
- Suitable for use in metal, stainless steel and sheet metal
- Dimensions: Ø 125 mm, cutting disc thickness: 1.2 mm, bore: Ø 22.23 mm
- Peripheral speed: max. 80 m/s
- Throttle: 12,250 min<sup>-1</sup>



## Cutting discs set diamond 110/115, 4 pieces – straight

Article number	6.225.001.121
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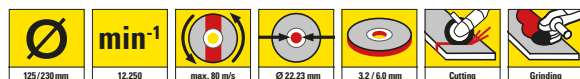
- Suitable for hand-held angle grinders
- 1 full rim for wet cutting of tiles, marble, ceramics and thin granite, Ø 110 mm, peripheral speed: max. 80 m/s, throttle: 13,800 min<sup>-1</sup>
- 1 segment disc for dry cuts of roofing tiles, concrete, granite and natural stone, Ø 115 mm, peripheral speed: max. 80 m/s, throttle: 13,000 min<sup>-1</sup>
- 2 turbine discs for universal wet and dry cuts with clean cutting edges, Ø 115 mm, peripheral speed: max. 80 m/s, throttle: 13,000 min<sup>-1</sup>
- Dimensions: cutting disc thickness: 1.2 mm, bore: Ø 22.23 mm
- Diamond distribution: 20 %



## Cutting / grinding discs set 125, 11 pieces – cranked

Article number	6.225.001.131
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- Suitable for hand-held angle grinders
- Suitable for use in metal or stone, such as pipes, tiles or slabs
- 5 metal cutting discs, Ø 125 mm
- 5 stone cutting discs, Ø 125 mm
- 1 grinding disc metal for deburring, grinding, smoothing and rust removal, Ø 125 mm
- Dimensions: cutting disc / grinding disc thickness: 3.2 / 6.0 mm, bore: Ø 22.23 mm
- Peripheral speed: max. 80 m/s
- Throttle: 12,250 min<sup>-1</sup>



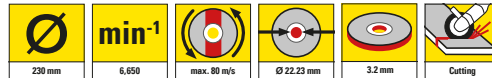




**Cutting disc metal / steel / stainless steel 125, 5 pieces – cranked**

Article number 6.225.001.211

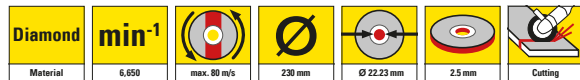
- Suitable for hand-held angle grinders
- For processing thin-walled profiles and pipes made of metal and steel sheet
- Dimensions: Ø 230 mm, cutting disc thickness: 3.2 mm, bore: Ø 22.23 mm
- Peripheral speed: max. 80 m/s
- Throttle: 6,650 min<sup>-1</sup>



**Cutting disc diamond 230, 1 piece – straight**

Article number 6.225.001.221

- Suitable for hand-held angle grinders
- Suitable for wet and dry sections of roof tiles, concrete, granite, natural stone, clinker and tiles
- Dimensions: Ø 230 mm, cutting disc thickness: 2.5 mm, bore: Ø 22.23 mm
- Peripheral speed: max. 80 m/s
- Throttle: 6,650 min<sup>-1</sup>
- Diamond distribution: 20 %





### PJSS 11-20V Cordless pendulum jigsaw

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- 4-step switch for optimum sawing progress: 3 stages for pendulum action plus a fine-cut setting
- Infinitely variable stroke rate control with restart lock for safe working
- Base plate made of steel with detachable sliding block – adjustable without tools by up to 45° in both directions for mitre cutting
- 2 blower functions: blowing out and vacuuming for a cutting line and working environment without sawdust
- Quick-release chuck for a tool-free saw blade exchange in a matter of seconds
- Anti-splinter guard for tear-free cuts
- Integrated LED work lamp
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Soft grip rubber inlays in the top handle housing for extra firm hold
- Suitable for standard saw blades with T-shank



### PJSS 12-230V Pendulum jigsaw

- Equally powerful and smoothly running 850 W motor for low-vibration working
- 4-step switch for optimum sawing progress: 3 stages for pendulum action plus a fine-cut setting
- On-demand laser guide to mark the cutting line
- Electronic stroke rate selection for material-compatible working
- Base plate made of steel with detachable sliding block – adjustable without tools by up to 45° in both directions for mitre cutting
- 2 blower functions: blowing out and vacuuming for a cutting line and working environment without sawdust
- Restart protection preventing unintentional start-up of the device after a power failure
- Quick-release chuck for a tool-free saw blade exchange in a matter of seconds
- Anti-splinter guard for tear-free cuts
- Integrated LED work lamp
- Switch locking device for continuous operation
- Soft grip rubber inlays in the top handle housing for extra firm hold
- Suitable for standard saw blades with T-shank
- Wide operating range owing to robust rubber cable of 3 m length



### PJSS 13-230V Pendulum jigsaw

- Equally powerful and smoothly running 850 W motor for low-vibration working
- 4-step switch for optimum sawing progress: 3 stages for pendulum action plus a fine-cut setting
- On-demand laser guide to mark the cutting line
- Electronic stroke rate selection for material-compatible working
- Base plate made of steel with detachable sliding block – adjustable without tools by up to 45° in both directions for mitre cutting
- 2 blower functions: blowing out and vacuuming for a cutting line and working environment without sawdust
- Restart protection preventing unintentional start-up of the device after a power failure
- Quick-release chuck for a tool-free saw blade exchange in a matter of seconds
- Anti-splinter guard for tear-free cuts
- Integrated LED work lamp
- Soft grip rubber inlays in the barrel grip housing for extra firm hold
- Suitable for standard saw blades with T-shank
- Wide operating range owing to robust rubber cable of 3 m length



# Pendulum jigsaws

## Products overview:



Technical data		PJSS 11-20V	PJSS 12-230V	PJSS 13-230V
Article number		4.425.000.006	4.425.000.103	4.425.000.104
<b>W</b>	Power input	–	850 W	850 W
<b>V</b>	Battery voltage / Input voltage	20V / –	– / 230 V/50 Hz	– / 230 V/50 Hz
<b>Li-Ion</b>	Battery capacity	2.0Ah	–	–
	Battery charging time	1 h	–	–
<b>min<sup>-1</sup></b>	Idle speed	0 - 2,700 min <sup>-1</sup>	0 - 3,000 min <sup>-1</sup>	0 - 3,000 min <sup>-1</sup>
	Saw blade pendulum positions	1 - 3	1 - 3	1 - 3
	Stroke number pre-selection	–	1 - 6	1 - 6
	Stroke length	20 mm	21 mm	21 mm
	Max. cutting depth aluminium / wood / metal	12/80/5 mm	12/80/8 mm	12/80/8 mm
	Cutting angle left / right	0° / 15° / 30° / 45°	0° / 15° / 30° / 45°	0° / 15° / 30° / 45°
Dimensions (length x width x height)		250 x 75 x 200 mm	235 x 75 x 214 mm	280 x 75 x 180 mm
Weight		2 kg	2 kg	2 kg
Functions and features		PJSS 11-20V	PJSS 12-230V	PJSS 13-230V
	Blower function / integrated dust extraction system	■	■	■
	Continuously variable speed control	■	–	–
	Permanent operation / safety switch	–/■	■/–	■/–
	Laser	–	■	■
Scope of delivery		PJSS 11-20V	PJSS 12-230V	PJSS 13-230V
	T-shaped saw blades			
	Wood	2	3	3
	Metal	1	1	1
	Sliding shoe	■	■	■
	Parallel guide	■	■	■
	Anti-splinter guard	■	■	■
	Adapter for dust extraction	■	■	■
	Allen wrench	■	–	–
	Quick charger / Replacement battery	■/■	–/–	–/–
	Transport case	■	–	–
Recommended accessories		PJSS 11-20V	PJSS 12-230V	PJSS 13-230V
Spare battery Flexpower 20V 2.0 Ah		6.200.000.303	–	–
Jigsaw blade set - Wood, 10 pieces			6.215.001.101	
Jigsaw blade set - Metal, 10 pieces			6.215.001.131	





**PRCS 10-20V Cordless sabre saw**

- Powerful 20 V lithium-ion battery without memory effect and without selfdischarge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other cordless tools
- 2-step switch for optimum sawing progress: 1 step for pendulum action plus pendulum-free fine-cut setting
- Quick-release chuck for a tool-free saw blade exchange in a matter of seconds
- Infinitely variable stroke rate control with start lock for safe working
- Guide shoe adjustable without tools for an ideal utilisation of the entire saw blade and for a precise cutting depth adjustment
- Large soft grip area serving as anti-slip protection at the front for improved safety
- Bow-shaped handle – for safe handling and easy working
- Optimum weight / size ratio
- Quick charger with automatic charge termination: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Soft grip rubber inlays in the top handle housing for extra firm hold
- Suitable for commercially available S-shank saw blades



**PRCS 10-850 Sabre saw**

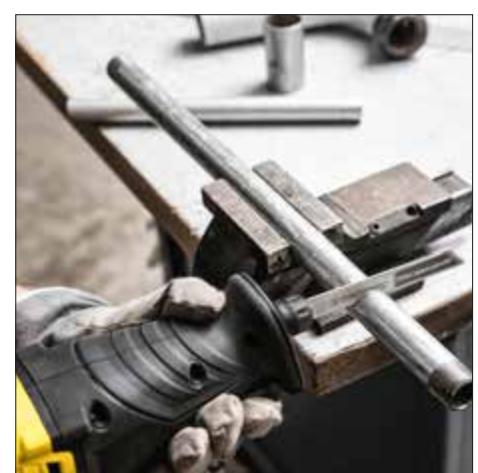
- Highly efficient and powerful for various materials and demanding cuts thanks to strong 850 W motor
- Quick-release chuck for a tool-free saw blade exchange in a matter of seconds
- Electronic stroke rate selection for material-compatible working
- Additional stroke rate control to maintain a constant speed
- Guide shoe adjustable without tools for an ideal utilisation of the entire saw blade and for a precise cutting depth adjustment
- Large soft grip area serving as anti-slip protection at the front for improved safety
- Saw head adjustable in 3 positions
- Bow-shaped handle – for safe handling and easy working
- Optimal weight / size ratio
- Integrated LED work lamp
- Suitable for standard saw blades with S-shank
- Wide operating range owing to robust rubber cable of 3 m length



## Products overview:



Technical data		PRCS 10-20V	PRCS 10-850
Article number		4.431.000.110	4.431.000.010
<b>W</b>	Power input	–	850 W
	Cable length	–	3 m
<b>V</b>	Battery voltage / Input voltage	20 V / –	– / 230 V/50 Hz
<b>Li-Ion</b>	Battery capacity	2.0 Ah	–
	Battery charging time	1 h	–
<b>min<sup>-1</sup></b>	Idle speed	0 – 3,000 rpm	0 – 2,800 rpm
	Stroke	20 mm	28 mm
	Cutting depth	In aluminium	10 mm
		In wood	100 mm
		In metal	8 mm
Dimensions (length x width x height)		390 x 80 x 180 mm	463 x 161 x 93 mm
Weight		2.4 kg	3 kg
Equipment and functions		PRCS 10-20V	PRCS 10-850
	Connection for external dust extraction	–	–
	Infinitely variable speed selection	■	■
	Safety switch	■	–
	Laser	–	–
	Switch lock for continuous operation	–	–
	3-stage battery level indication integrated in the battery	■	–
	Rubber soft grip	■	■
Scope of delivery		PRCS 10-20V	PRCS 10-850
	Saw blades	Wood HCS (6 TPI)	1
		Wood HCS (10 TPI)	–
		Wood HCS (4 TPI)	–
		Metal BIM (18 TPI)	–
	Quick charger / removable battery	■/■	–/–
	Transport case	■	■
Recommended accessories		PRCS 10-20V	PRCS 10-850
Flexpower 20V 2.0 Ah spare battery		6.200.000.303	–
Demolition set for wood/metal, 5 pieces		6.215.001.201	
Carbon steel set, 10 pieces		6.215.001.205	
Sabre saw blade set, 12 pieces		6.215.001.210	





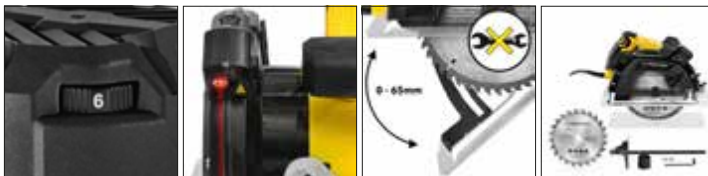
**PCSS 05-20V Mini cordless portable circular saw**

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Stable base plate and pendulum guard
- Accurate cutting depth up to 28.5 mm, steplessly adjustable without tools
- Safety switch preventing unintentional switch-on
- Spindle lock allowing simple exchange of saw blades
- On/off switch with quick stop function
- Soft grip rubber inlays in the housing for extra firm hold
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Connection for external dust extraction
- Suitable for commercially available circular saw blades with a diameter of 89 mm



**PCSS 10-20V Cordless hand-held circular saw**

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- High quality pendulum protection hood with pull-back lever
- Accurate cutting depth up to 48 mm and cutting angle up to 45° steplessly adjustable without tools
- Cutting line mark on the base plate for 0° / 45°
- Safety switch – preventing unintentional switch-on
- Spindle lock allows easy blade switch
- On / off switch with quick stop
- Bow-shaped and second handle – for safe handling and easy working
- Soft grip rubber inlays in the housing for extra firm hold
- On-demand laser guide to mark the cutting line
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Connection for external dust extraction
- Suitable for commercial circular saw blades with a max. diameter of 150 mm



**PCSS 10-1400 Hand-held circular saw**

- Highly efficient and powerful for various materials and demanding cuts thanks to strong 1,400 W motor
- High quality aluminum pendulum protection hood with pull-back lever
- Accurate cutting depth up to 65 mm and cutting angle up to 45° steplessly adjustable without tools
- Cutting line mark on the base plate for 0° / 45°
- Material-compatible working thanks to infinitely variable speed selection via setting wheel
- Safety switch – preventing unintentional switch-on
- Spindle lock allows easy blade switch
- Soft start and starting current limitation
- Bow-shaped and second handle – for safe handling and easy working
- Soft grip rubber inlays in the housing for extra firm hold
- On-demand laser guide to mark the cutting line
- Connection for external dust extraction
- Suitable for commercial circular saw blades with a max. diameter of 190 mm
- Wide operating range owing to robust rubber cable of 3 m length



# Portable circular saws

## Products overview:



Technical data		PCSS 05-20V	PCSS 10-20V	PCSS 10-1400
Article number		4.430.000.105	4.430.000.110	4.430.000.050
<b>W</b>	Power input	–	–	1,400 W
	Cable length	–	–	3 m
<b>V</b>	Battery voltage / Input voltage	20 V / –	20 V / –	– / 230 V/50 Hz
<b>Li-Ion</b>	Battery capacity	2.0 Ah	2.0 Ah	–
	Battery charging time	1 h	1 h	–
<b>min<sup>-1</sup></b>	Idle speed	3,150 min <sup>-1</sup>	3,800 min <sup>-1</sup>	2,000 – 4,800 min <sup>-1</sup>
	Saw blade diameter	89 mm	150 mm	190 mm
	Cutting depth range at 0° / 45°	28.5 / –	max. 48 mm / max. 36 mm	max. 65 mm / max. 44 mm
Dimensions (length x width x height)		337 x 95 x 120 mm	190 x 352 x 238 mm	245 x 315 x 260 mm
Weight		2.00 kg	2.60 kg	4.00 kg
Equipment and functions		PCSS 05-20V	PCSS 10-20V	PCSS 10-1400
	Connection for external dust extraction	■	■	■
	Continuously variable speed control	■	■	■
	Safety switch	■	■	■
	Laser	–	■	■
	Spindle lock	■	■	■
	Three-stage battery level indication integrated in the battery	■	■	–
Scope of delivery		PCSS 05-20V	PCSS 10-20V	PCSS 10-1400
	Saw blades			
	HSS 44 teeth	1	–	–
	TCT 24 teeth	1	–	–
	HW 18 teeth	–	1	–
	HW 24 teeth	–	–	1
	HW 48 teeth	–	–	1
	Diamond blade	1	–	–
	Rip fence	■	■	■
	Adapter for dust extraction	■	■	■
	Replacement blade wrench	–	–	–
	Allen wrench	■	■	■
	2 batteries	–	–	–
	Quick charger / replacement battery	■/■	■/■	–/–
	Transport case	■	■	–
Recommended accessories		PCSS 05-20V	PCSS 10-20V	PCSS 10-1400
Spare battery Flexpower 20V 2.0 Ah			6.200.000.303	–
Spare battery Flexpower 20V 4.0 Ah			6.200.000.320	–
Circular saw blade set 1 HSS Ø 89 mm, 2 pieces		6.215.001.301	–	–
Circular saw blade set 2 diamond Ø 89 mm, 2 pieces		6.215.001.302	–	–
Circular saw blade set 3 TCT Ø 89 mm, 2 pieces		6.215.001.303	–	–
Wood circular saw blade set Ø 150 mm (24 teeth), 3 pieces		–	6.215.001.320	–
Wood circular saw blade set Ø 150 mm (40 teeth), 3 pieces		–	6.215.001.321	–
Wood circular saw blade set Ø 190 mm (24 teeth), 3 pieces		–	–	6.215.001.330
Wood circular saw blade set Ø 190 mm (40 teeth), 3 pieces		–	–	6.215.001.331

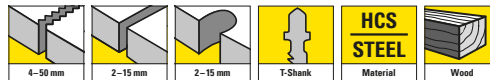
# Professional sets for saws



## Jigsaw Blade Set - Wood, 10 pieces

Article number 6.215.001.101

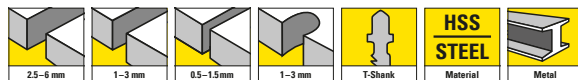
- Carbon steel (HCS) for use in softer materials
- 4 saw blades 8TPI (100 mm) for fast cuts
- 4 saw blades 12TPI (92 mm) for straight cuts
- 2 saw blades 12TPI (75 mm) for curve cuts
- T-shank



## Jigsaw Blade Set - Metal, 10 pieces

Article number 6.215.001.131

- Fully hardened high-performance high-speed steel for use in harder materials
- 3 saw blades 10/14TPI (92 mm) for medium thickness metal sheets
- 3 saw blades 17/24TPI (92 mm) for thin metal sheets
- 2 saw blades 32TPI (92 mm) for very thin metal sheets
- 2 saw blades 17/24TPI (92 mm) for curve cuts
- T-shank



## Demolition set for wood/metal, 5 pieces

Article number 6.215.001.201

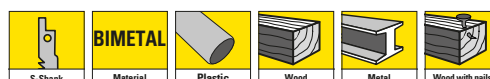
- Highly flexible connection of HSS and HCS for the highest of demands and the use in softer and harder materials
- 2 saw blades 5/8TPI (152 mm) for wood and metal
- 2 saw blades 8/10TPI (152 mm) for metal
- 1 saw blade 5/8TPI (228 mm) for wood with nails
- Standard shank (S-shank) for commercially available sabre saws
- Perfect, for example for garden work, on construction sites or in the workshop



## Carbon steel set, 10 pieces

Article number 6.215.001.205

- Highly flexible connection of HSS and HCS for the highest of demands and the use in softer and harder materials
- 4 saw blades 6TPI (152 mm) for plastics and wood
- 2 saw blades 6TPI (203 mm) for plastics and wood
- 2 saw blades 10TPI (152 mm) for plastics and wood
- 2 saw blades 18TPI (152 mm) for wood with nails and metal
- Standard shank (S-shank) for commercially available sabre saws
- Perfect, for example for garden work, on construction sites or in the workshop



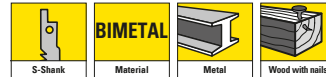




**Sabre saw blade set, 12 pieces**

Article number	6.215.001.210
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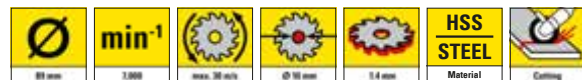
- Highly flexible connection of HSS and HCS for the highest of demands and the use in softer and harder materials
- 1 saw blade 5/8TPI (228 mm) for wood with nails
- 3 saw blades 6TPI (152 mm) for wood with nails
- 3 saw blades 6TPI (228 mm) for wood with nails
- 2 saw blades 14TPI (152 mm) for metal
- 3 saw blades 18TPI (228 mm) for metal
- Standard shank (S-shank) for commercially available sabre saws
- Perfect, for example for garden work, on construction sites or in the workshop



**Circular saw blade set 1 HSS Ø 89 mm, 2 pieces**

Article number	6.215.001.301
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- Universally suitable for most commercially available mini circular saws e.g. for PCSS 05-20V
- Suitable for use in metal and wood
- 2 high-speed steel circular saw blades (HS60 & HS80)
- Dimensions: Ø 89 mm, bore: 10 mm, tooth thickness: 1.4 mm
- Idle speed: 7,000/min-1
- Peripheral speed: max. 30 m/s



**Circular saw blade set 2 diamond Ø 89 mm, 2 pieces**

Article number	6.215.001.302
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- Universally suitable for most commercially available mini circular saws e.g. for PCSS 05-20V
- Suitable for use in roof tiles, concrete, granite and natural stone
- 2 circular saw blades with diamond sprinkling
- Dimensions: Ø 89 mm, bore: 10 mm, tooth thickness: 1.8 mm
- Idle speed: 17,000/min-1
- Peripheral speed: max. 80 m/s
- Diamond distribution: 14 to 18



**Circular saw blade set 3 TCT Ø 89 mm, 2 pieces**

Article number	6.215.001.303
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- Universally suitable for most commercially available mini circular saws e.g. for PCSS 05-20V
- Suitable for use in wood and plastic
- 2 circular saw blades of tungsten carbide (HW30)
- Dimensions: Ø 89 mm, bore: 10 mm, tooth thickness: 1.8 mm
- Idle speed: 10,000/min-1
- Peripheral speed: max. 45 m/s



# Professional sets for saws



## Wood circular saw blade set Ø 150 mm (24 teeth), 3 pieces

Article number 6.215.001.320

- Universally suitable for most commercially available circular saws e.g. for PCSS 10-20V
- Recommended use: Fast rough cutting of wood or firewood
- 3 circular saw blades of carbon steel for woodwork (HW24)
- Dimensions: Ø 150 mm, bore: 16 mm, tooth thickness: 2.1 mm
- Idling speed: 7,500/min<sup>-1</sup>
- Peripheral speed: max. 60 m/s



## Wood circular saw blade set Ø 150 mm (40 teeth), 3 pieces

Article number 6.215.001.321

- Universally suitable for most commercially available circular saws e.g. for PCSS 10-20V
- Recommended use: Clean longitudinal cuts or mitre cuts
- 3 circular saw blades of carbon steel for woodwork (HW40)
- Dimensions: Ø 150 mm, bore: 16 mm, tooth thickness: 2.1 mm
- Idling speed: 7,500/min<sup>-1</sup>
- Peripheral speed: max. 60 m/s



## Wood circular saw blade set Ø 190 mm (24 teeth), 3 pieces

Article number 6.215.001.330

- Universally suitable for most commercially available circular saws e.g. for PCSS 10-1400
- Recommended use: Fast rough cutting of wood or firewood
- 3 circular saw blades of carbon steel for woodwork (HW24)
- Dimensions: Ø 190 mm, bore: 20 mm, tooth thickness: 2.2 mm
- Idling speed: 6,000/min<sup>-1</sup>
- Peripheral speed: max. 60 m/s



## Wood circular saw blade set Ø 190 mm (40 teeth), 3 pieces

Article number 6.215.001.331

- Universally suitable for most commercially available circular saws e.g. for PCSS 10-1400
- Recommended use: Clean longitudinal cuts or mitre cuts
- 3 circular saw blades of carbon steel for woodwork (HW40)
- Dimensions: Ø 190 mm, bore: 20 mm, tooth thickness: 2.2 mm
- Idling speed: 6,000/min<sup>-1</sup>
- Peripheral speed: max. 60 m/s





### PWLS 01-3 Stick LED work light

- Work light with mounting bracket and integrated magnetic holder
- Light-intense LED tube light with integrated inspection lamp
- High-performance LEDs provide extra bright 300 lm light
- Lamp head swivelling by 90°
- Lamp head can be rotated by 270°
- Bright LED in the lamp head functioning as a torch
- Flashing warning light
- Flexible suspension hook
- IPX4 dustproof housing
- Burn time tube light / inspection lamp (when fully charged): approx. 8 / 6 h
- Colour temperature tube light / inspection lamp: approx. 6,000 K / 12,000 K



### PWLS 05-10 LED work light

- Light-intense LED work light with reinforced frame
- High-performance LEDs provide extra bright 650 lm light
- Flexible handle, adjustable by 180° in 6 positions
- 3 lighting modes: high brightness, low brightness, strobe mode
- Strong magnetic holder for fastening to every metal surface
- IP44 – watertight and dust-tight housing
- Burn time: approx. 9 h
- Colour temperature: approx. 6,000 K



### PWLS 06-10 Cordless LED work light

- Powerful 3.7 V lithium-ion battery without memory effect and without self-discharge
- Light-intense LED work light with reinforced frame
- High-performance LEDs provide extra bright 800 lm light
- Flexible handle, adjustable by 180° in 6 positions
- 3 lighting modes: high brightness, low brightness, strobe mode
- Strong magnetic holder for fastening to every metal surface
- Powerbank function with USB connection (type A) and 80-cm USB charging cable supplied (USB plug type A / USB plug type C)
- IP44 – watertight and dust-tight housing
- Battery: 3.7 V lithium-ion (4.4 Ah)
- Charger with automatic charge termination: Charging time: approx. 6-7 h
- 4-stage battery level indication
- Burn time: approx. 8 h
- Colour temperature: approx. 6,000 K



### PWLS 08-10 Cordless LED work light

- 3.7 V strong lithium-ion battery without memory effect and without self-discharge
- Powerful LED work light with reinforced frame
- High-performance LEDs provide extra-bright light with 2,300 lm
- Flexible carrying handle can be adjusted 270° in 9 positions
- Direction of light adjustable by 360° in 6 positions
- 5 brightness levels
- Strobe mode
- Strong magnetic holder for attachment to any metal surface
- Powerbank function with USB connection
- Battery: 3.7 V lithium-ion (5 Ah)
- Charging time approx. 5 h
- 4-stage battery capacity indicator
- Light duration: approx. 2.5 - 12 h
- Colour temperature: approx. 6,500 K
- Incl. USB-C charging cable



**PWLS 10-20V Cordless work light**

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Compatible with Flexpower 20 V 4.0 Ah spare battery
- Luminous head rotatable by 270° and vertically tiltable by 180° in 7 snap-in positions for virtually unlimited lighting positions
- High-intensity LED tube light with integrated hand lamp
- Accurate and comprehensive illumination possible
- High performance LED provide an extremely bright light with 300 lm
- Bright LED in the lamp head functioning as a torch
- Quick charger with automatic safe charging: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery
- Soft grip rubber inlays in the housing for extra firm hold
- Integrated suspension hook allowing to conveniently hang up the lamp
- Mountable belt clip facilitates access and transport

**PWLS 15-20V Cordless LED work light**

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- High-performance SMD-LEDs provide for uniform, extra bright light (up to 2,000 lm)
- Flexible handle, adjustable by 90° in 8 positions
- 3 brightness levels: low brightness, medium brightness, high brightness
- Strong magnetic holder for fastening to metal surfaces
- Integrated suspension hook for simple attachment
- Powerbank function with USB connection (type A) and 60 cm USB cable supplied
- Quick charger with automatic charge termination: charging time approx. 1 h
- Three-stage battery level indication integrated in the battery
- Ergonomic handle with soft grip
- Constantly long lighting duration of up to 2 hours
- Colour temperature 6,500 K (daylight white)
- Allows for compact and flat storage

**Professional set for the cordless work light PWLS 10-20V**



PWLS 10 – Cordless work light (without battery & charger)	
Article number	4.455.000.010

- Compatible with Flexpower 20 V 2.0 Ah and 4.0 Ah spare battery
- Lamp head can be rotated by 270° and vertically tilted by 180° to snap into place in 7 positions, thus guaranteeing nearly unlimited lighting positions
- Light-intense LED tube light with integrated inspection lamp
- Enabling both pinpoint and comprehensive illumination
- High-performance LED provides extra bright 300 lm light
- LED in the lamp head functioning as a torch
- Integrated suspension hook allowing to conveniently hang up the lamp
- Soft grip rubber inlays in the housing for extra firm hold
- Mountable belt clip facilitates access and transport



## Products overview:



Technical data		PWLS 01-3	PWLS 05-10	PWLS 06-10	PWLS 08-10	PWLS 10-20V	PWLS 15-20V
Article number		4.455.000.001	4.455.000.005	4.455.000.006	4.455.000.008	4.455.000.110	4.455.000.115
<b>V</b>	Battery voltage	Batteries: 3 x 1.5 V, AA	Batteries: 4 x 1.5 V, AA	3.7V	3.7V	20V	20V
	<b>Li-Ion</b> Battery capacity	–	–	4.4Ah	5.0Ah	2.0Ah	2.0Ah
	Battery charging time	–	–	6 - 7 h	5 h	1 h	1 h
<b>W</b>	Power consumption	Spotlight LED	–	–	–	3 W	–
		Surface LED	3 W	10 W	10 W	20 W	3 W
<b>lm</b>	Luminous flux	Spotlight LED	–	–	–	250 lm	–
		Surface LED	220 lm	650 lm	800 lm	2,300 lm	300 lm
<b>lux</b>	Luminous intensity	Spotlight LED	–	–	–	110 lux	–
		Surface LED	–	–	–	11 lux	197 lux
<b>K</b>	Colour temperature	Spotlight LED	12,000 K	–	–	6,200 K	–
		Surface LED	6,000 K	6,000 K	6,000 K	6,500 K	6,200 K
<b>h</b>	Burn time	Spotlight LED	8 - 9 h	–	–	6 h	–
		Surface LED	6 - 7 h	9 - 10 h	8 - 9 h	2.5 - 12 h	8 h
Dimensions (length x width x height)		60 x 65 x 250 mm	40 x 160 x 125 mm	40 x 160 x 125 mm	60 x 170 x 125 mm	85 x 70 x 175 mm	80 x 253 x 221 mm
Weight		0.23 kg	0.37 kg	0.43 kg	0.60 kg	0.38 kg	0.67 kg
Equipment and functions		PWLS 01-3	PWLS 05-10	PWLS 06-10	PWLS 08-10	PWLS 10-20V	PWLS 15-20V
	Brightness levels	1	2	2	5	1	3
	Lamp head rotatable and vertically swivelling	■	–	–	–	■	–
	Integrated suspension hook	■	–	–	–	■	■
	LED light adjustable	–	–	–	360° 6 Positions	270° Stepless	–
	Carrying handle adjustable	–	–	–	270° 9 Positions	180° 7 Positions	90° 8 Positions
	Battery level indication	–	–	■	■	■	■
	Mounting bracket	■	–	–	–	–	–
	Magnetic holder	■	■	■	■	–	■
	Flashing warning light	■	–	–	–	–	–
	Stroboscope mode	–	■	■	■	–	–
Scope of delivery		PWLS 01-3	PWLS 05-10	PWLS 06-10	PWLS 08-10	PWLS 10-20V	PWLS 15-20V
Mounting bracket		■	–	–	–	–	–
Magnetic holder		■	■	■	■	–	■
Carrying handle		–	■	■	■	–	■
Belt clip		–	–	–	–	■	–
Suspension hook		■	–	–	–	■	■
USB charging cable		–	–	■	■	–	–
Quick charger / removable battery		–/–	–/–	–/–	–/–	■/■	■/■
Recommended accessories		PWLS 01-3	PWLS 05-10	PWLS 06-10	PWLS 08-10	PWLS 10-20V	PWLS 15-20V
Flexpower 20 V 2.0 Ah spare battery		–	–	–	–	6.200.000.303	6.200.000.303
Flexpower 20 V 4.0 Ah spare battery		–	–	–	–	6.200.000.320	6.200.000.320



### PWLS 10-30 LED construction site spotlight

- Light-intense LED work light with 48 high-performance LEDs for extra-bright light with 2,700 lm
- Colour temperature: approx. 5,000 K
- Lighting direction adjustable by 360°
- 120° beam angle for maximum illumination
- Flexible handle and foot
- IP65 – watertight and dust-tight housing
- Overheating protection
- Compact and lightweight design
- Durable design thanks to high-quality aluminium
- Tempered safety glass front
- Less heat generation thanks to sophisticated finned heat sink
- Energy-saving and environmentally friendly
- Instant light without start-up delay



### PWLS 10-70 LED construction site spotlight

- Light-intense LED work light with 120 high-performance LEDs for extra-bright light with up to 6,300 lm
- Colour temperature: approx. 5,000 K
- Lighting direction adjustable by 360°
- 120° beam angle for maximum illumination
- Flexible handle and foot
- IP65 – watertight and dust-tight housing
- Overheating protection
- Compact and lightweight design
- Durable design thanks to high-quality aluminium
- Tempered safety glass front
- Less heat generation thanks to sophisticated finned heat sink
- Energy-saving and environmentally friendly
- Instant light without start-up delay


















### PWLS 10-150 LED construction site spotlight

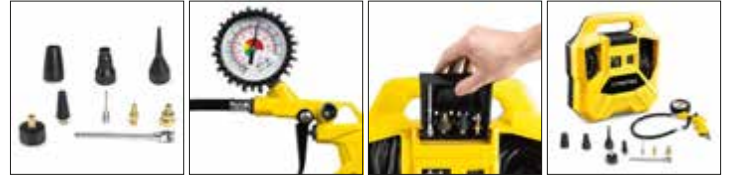
- Light-intense LED work light with 240 high-performance LEDs for extra-bright light with up to 13,500 lm
- 2 brightness levels (6,750 lm and 13,500 lm)
- Colour temperature: approx. 5,000 K
- Lighting direction adjustable by 360°
- 120° beam angle for maximum illumination
- Flexible handle and foot
- IP65 – watertight and dust-tight housing
- Overheating protection
- Compact and lightweight design
- Durable design thanks to high-quality aluminium
- Tempered safety glass front
- Less heat generation thanks to sophisticated finned heat sink
- Energy-saving and environmentally friendly
- Instant light without start-up delay



# LED construction site spotlights

## Products overview:

					
<b>Technical data</b>			<b>PWLS 10-30</b>	<b>PWLS 10-70</b>	<b>PWLS 10-150</b>
Article number			4.455.000.210	4.455.000.250	4.455.000.270
	Power consumption	Level 1	30 W	70 W	75 W
		Level 2	–	–	150 W
	Luminous flux	Level 1	2,700 lm	6,300 lm	6,750 lm
		Level 2	–	–	13,500 lm
	Luminous intensity	Level 1	–	–	–
		Level 2	–	–	–
	Colour temperature		5,000 K	5,000 K	5,000 K
	Input voltage		220 - 240 V/50 Hz	220 - 240 V/50 Hz	220 - 240 V/50 Hz
	Cable length		1.4 m	1.4 m	1.4 m
	Dimensions (length x width x height)		55 x 285 x 290 mm	55 x 295 x 310 mm	55 x 375 x 375 mm
	Weight		1.5 kg	1.8 kg	2.5 kg
<b>Equipment and functions</b>			<b>PWLS 10-30</b>	<b>PWLS 10-70</b>	<b>PWLS 10-150</b>
	Brightness levels		1	1	2
	Number of LED lamp beads		48	120	240
	LED light, swivelling		360°	360°	360°
	Adjustable handle		75°	75°	360°
	LED radiation angle		120°	120°	120°
	Type of protection		IP65	IP65	IP65
	Finned heat sink		■	■	■
	Energy-saving		■	■	■
<b>Recommended accessories</b>			<b>PWLS 10-30</b>	<b>PWLS 10-70</b>	<b>PWLS 10-150</b>
Power strip 3-fold IP44 PVP3				7.333.000.202	
Power strip 6-fold IP44 PVP6				7.333.000.206	
Quality extension cable – 15 m / 230 V / 1.5 mm <sup>2</sup>				7.333.000.372	
Quality extension cable – 25 m / 230 V / 1.5 mm <sup>2</sup>				7.333.000.369	
Professional extension cable – 20 m / 230 V / 2.5 mm <sup>2</sup>				7.333.000.376	
Cable drum PVD1EU – 20 m / 230 V / 1.5 mm <sup>2</sup>				7.333.000.365	
Cable drum PVD2 – 25 m / 230 V / 1.5 mm <sup>2</sup>				7.333.000.367	
Cable drum PVD3 – 40 m / 230 V / 2.5 mm <sup>2</sup>				7.333.000.368	



**PCPS 11-20V & 12-20V Cordless compressor and air pump**

**PCPS 10-1100 Compressor**

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Cordless compressor with 7 bar pressure output and automatic pressure filling according to target value preselection via LCD
- Battery air pump for inflating or suctioning with a high pump volume of max. 70 m<sup>3</sup> / h
- 10-piece adapter set for all common valves included in delivery
- Integrated LED work lamp
- Soft grip rubber inlays in the housing for extra firm hold
- Three-stage battery level indication integrated in the battery

- Powerful 1,100 W motor with constantly high performance even under load
- Lightweight and compact compressor in a rugged case format for mobile use
- Oil and maintenance-free operation
- Good filling performance with adapter and nozzle sets for common inflatable product applications such as bicycle tires, balls, air mattresses, air beds, swimming pools and camping items
- Space-saving storage possibility for the compressed-air hose and power cable
- Practical storage compartment for the accessories set
- Strong performance for easy and quick up and pump out
- Easy to transport thanks to convenient carrying handle
- Stable and secure footing
- Wide operating range owing to robust rubber cable of 5 m length







Technical data		PCPS 11/12-20V	PCPS 10-1100
Article number		4.650.000.051	4.650.000.010
<b>W</b>	Power input (S3)	–	1,100 W   15 %
	Cable length	–	5 m
<b>V</b>	Battery voltage / input voltage	20 V / –	– / 230 V/50 Hz
<b>Li-Ion</b>	Battery capacity	2.0 Ah	–
	Battery charging time	1 h	–
<b>BAR/PSI</b>	Max. pressure	7 bar (100 psi)	8 bar (116 psi)
	Air flow rate	70 m³/h	10.8 m³/h
	Suction capacity	–	180 l/min
<b>min<sup>-1</sup></b>	Idle speed	–	3,550 rpm
	Compressed-air hose		Length Diameter
		–	3 m 12 mm
	Dimensions (length x width x height)	300 x 102 x 331 mm	160 x 380 x 400 mm
	Weight	2.50 kg	6.50 kg
Equipment and functions		PCPS 11/12-20V	PCPS 10-1100
	Extensive adapter and accessory set	■	■
	LCD display / pressure gauge	■ / –	– / ■
	Integrated LED work lamp	■	–
	Rubber soft grip	■	–
	3-stage battery level indication integrated in the battery	■	–
Scope of delivery		PCPS 11/12-20V	PCPS 10-1100
	Compressed-air hose with threaded connector	1	–
	Dunlop valve	■	■
	Presta valve	■	■
	Compressed-air gun with pressure gauge	–	■
	Compressed-air hose with quick-release lever	–	■
	Nozzle extension / nozzle adapter	–	■
	Ball needle	■	■
	Universal plastic adapter	3	3
	Universal adapter for valves with an inner Ø of 8 mm	■	–
	Universal adapter	–	2
	Adapter for screw valves	■	–
	Adapter for vent valves	■	–
	Quick charger / removable battery	■ / ■	– / –
	Transport case	■	■
Available accessories		PCPS 11/12-20V	PCPS 10-1100
	Flexpower 20V 2.0 Ah spare battery	6.200.000.303	–
	Power strip 3-fold IP44 PVP3	–	7.333.000.202
	Power strip 6-fold IP44 PVP6	–	7.333.000.206
	Quality extension cable – 15 m / 230 V / 1.5 mm²	–	7.333.000.372
	Quality extension cable – 25 m / 230 V / 1.5 mm²	–	7.333.000.369
	Professional extension cable – 20 m / 230 V / 2.5 mm²	–	7.333.000.376
	Cable drum PVD1EU – 20 m / 230 V / 1.5 mm²	–	7.333.000.365
	Cable drum PVD2 – 25 m / 230 V / 1.5 mm²	–	7.333.000.367
	Cable drum PVD3 – 40 m / 230 V / 2.5 mm²	–	7.333.000.368





**VC 10-20V Cordless handheld vacuum cleaner**

- 20 V lithium-ion battery (2 Ah) without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Three-stage battery level indication integrated in the battery
- Strong suction power on all surfaces
- Can be cleaned easily and quickly thanks to the bin that can be removed without any effort
- Compact design with ergonomic handle and slip-resistant soft grip equipment
- Large container with a capacity of up to 400 ml of dry dirt and 150 ml of liquid
- Operating time of 18 minutes with undiminished suction power
- Crevice nozzle for poorly accessible locations



**VC 15-20V Cordless vacuum cleaner**

- 20 V lithium-ion battery (2 Ah) without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Three-stage battery level indication integrated in the battery
- Strong suction power on all surfaces
- Can be cleaned easily and quickly thanks to the bin that can be removed without any effort
- High-performance filter (HEPA) catches 99.97 % of all fine particles
- Large container with a capacity of 10 litres of dry dirt and 2.7 litres of liquid
- Integrated discharge function
- Operating time of 15 minutes with undiminished suction power
- Crevice nozzle for poorly accessible locations
- Upholstery and mattress nozzle for thorough cleaning



**VC 1200W Wet and dry vacuum cleaner**

- Highly efficient and powerful thanks to high-performance 1,200 W motor
- 2-in-1 spray extraction cleaner with combined suction and spray hose
- Strong suction power on all surfaces
- Spray surface and extract dirt – in just one workstep
- Can be cleaned easily and quickly thanks to the suction unit that can be removed without any effort
- High-performance filter (HEPA) catches 99.97 % of all fine particles
- Washable foam filter for wet vacuuming
- The dust bag supplied can be used for dry vacuuming
- Large container with a capacity of 8 litres of dry dirt and 6 litres of liquid
- Large tank for 3.5 litres of detergent
- Integrated spraying function
- Integrated discharge function
- Integrated filter cleaning function
- Water tank filling level indication
- Crevice nozzle for poorly accessible locations
- Floor nozzle for all hard floors
- Large and small spray nozzle for all surfaces



# Vacuum cleaners

## Products overview:



Technical data		VC 10-20V	VC 15-20V	VC 1200W	
Article number		4.655.000.015	4.655.000.100	4.655.000.200	
<b>W</b>	Power input	65 W	130 W	1,200 W	
<b>V</b>	Battery voltage / Input voltage	20 V	20 V	- / 230 V/50 Hz	
<b>Li-Ion</b>	Battery capacity	2.0 Ah	2.0 Ah	-	
	Battery charging time	1 h	1 h	-	
	Capacity of the dust container	Dry dirt	400 ml	10,000 ml	8,000 ml
		Liquids	100 ml	2,700 ml	6,000 ml
	Detergent tank capacity	-	-	3,500 ml	
	Dimensions (length x width x height)	80 x 440 x 145 mm	270 x 280 x 410 mm	360 x 330 x 525 mm	
	Weight	1.30 kg	3.50 kg	7.50 kg	
Functions and features		VC 10-20V	VC 15-20V	VC 1200W	
	Dry vacuum cleaning function	■	■	■	
	Wet vacuum cleaning function	■	■	■	
	Blow-out function	-	■	■	
	Suction washing function	-	-	■	
	Can be used as external dust extraction for compatible power tools	-	■	■	
	ON/OFF switch	■	■	■	
	Washable dust filter	■	-	-	
	Washable HEPA filter	-	■	■	
	Rolls	-	■	■	
	Three-stage battery level indication integrated in the battery	■	■	-	
Scope of delivery		VC 10-20V	VC 15-20V	VC 1200W	
	Joint nozzle	■	■	■	
	Brush nozzle	■	■	-	
	Floor nozzle	-	-	■	
	Washing nozzle small	-	-	■	
	Washing nozzle large	-	-	■	
	Extension hose	-	■	■	
	Suction tube	-	-	■	
	Water tank	-	-	■	
	Wall holder	-	-	-	
	Foam filter	■	-	■	
	Dust filter	■	-	-	
	HEPA filter	-	■	■	
	Dust bag	-	-	■	
	Quick charger / removable battery	■/■	■/■	-/-	
Recommended accessories		VC 10-20V	VC 15-20V	VC 1200W	
	Spare battery Flexpower 20V 2.0 Ah	6.200.000.303	6.200.000.303	-	
	Spare battery Flexpower 20V 4.0 Ah	6.200.000.320	6.200.000.320	-	
	HEPA filter (89.66%) (Set of 4)	-	7.710.000.033	-	
	HEPA filter (90.00%)	-	-	7.710.000.035	
	Paper dust bag	-	-	7.710.000.036	
	Upholstery and mattress nozzle	-	7.399.000.004	-	
	Flat nozzle	-	7.399.000.005	-	
	Hoover tube VC 10-20V / VC 15-20V	7.399.000.006	7.399.000.006	-	



**PPWS 10-20V Cordless high pressure cleaner**

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Ideally suited for areas without a power and water connection
- Self-priming function for using alternative water sources such as buckets, rain barrels, cisterns or wells
- Dual operation – irrigation and power cleaning
- For effortless cleaning work around the house and garden or for watering plants
- Efficient medium pressure of 22 bar for gentle cleaning
- Spray lance with practical multi-function nozzle for adjusting 6 spray modes
- Also suitable for use with cleaning agent – a nozzle with cleaning agent reservoir is included
- Quick coupling compatible with commercially available garden hose / water tap connections

**Technical data**

Article number	4.450.000.101	
Battery voltage	20 V	
Battery capacity	2.0 Ah	
Pressure max.	22 bar / 320 psi	
Flow rate	120 l/h	
Suction height	ideal	1.5 m
	max.	4 m
Spraying range	7 m	
Number of spray functions	6	
Spraying angles	0° / 15° / 25° / 40°	
Input voltage charger	230 - 240 V/50 Hz	
Scope of delivery	Hose, Filter, Spray attachment, Multi-function nozzle, Spray lance, Cleaning agent reservoir, Carrying net, Quick charger, Removable battery	
Weight	1,000 g	
Recommended accessories		
Flexpower 20 V 2.0 Ah spare battery		6.200.000.303
Flexpower 20 V 4.0 Ah spare battery		6.200.000.320







### PBCS 2A Battery charger

- 12 V, 2 A, 4 Ah to 60 Ah
- Charging current max. 2.0 A
- Multi-stage charging cycle with micro-processor control and monitoring
- Automatically adapts to the battery voltage
- All-round battery charger for various battery types, e.g. gel, EFB, AGM, Ca/Ca, lead-acid batteries
- High-quality AGM/EFB technology for start-stop systems
- Protection class IP65: dust and jet water protected
- Trickle charge mode protects the battery from deep discharge
- Winter charging mode for ambient temperatures below 5 °C
- LED display with battery voltage and charging progress indicator
- Highest safety: electronic overcharge, short-circuit, reverse polarity and overheating protection
- Memory function for all charging programmes
- Fully insulated battery terminals
- Practical suspension eye, e.g. for wall mounting



### PBCS 4A Battery charger

- 12 V, 4 Ah to 120 Ah
- Charging current max. 4.0 A
- Multi-stage charging cycle with micro-processor control and monitoring
- Automatically adjusts to the battery voltage
- All-round battery charger for various battery types, e.g. gel, EFB, AGM, Ca/Ca, lead-acid batteries
- High-quality AGM/EFB technology for start-stop systems
- Protection class IP65: dust and jet water protected
- Trickle charge mode protects the battery from deep discharge
- Supply mode protects vehicle settings when disconnecting or changing the battery
- Winter charging mode for ambient temperatures below 5 °C
- LC display with battery voltage and charge progress indication
- Highest safety: electronic overcharge, short-circuit, reverse polarity and overheating protection
- Memory function for standard, AGM, trickle and winter charging modes
- Fully insulated battery terminals
- Practical suspension eye, e.g. for wall mounting



### PBCS 6A Battery charger

- 12 V, 4 Ah to 150 Ah
- Charging current max. 6.0 A
- Multi-stage charging cycle with micro-processor control and monitoring
- Automatically adjusts to the battery voltage
- All-round battery charger for various battery types, e.g. gel, EFB, AGM, Ca/Ca, lead-acid batteries
- High-quality AGM/EFB technology for start-stop systems
- Protection class IP65: dust and jet water protected
- Trickle charge mode protects the battery from deep discharge
- Supply mode protects vehicle settings when disconnecting or changing the battery
- Winter charging mode for ambient temperatures below 5 °C
- LC display with battery voltage and charge progress indication
- Highest safety: electronic overcharge, short-circuit, reverse polarity and overheating protection
- Memory function for standard, AGM, trickle and winter charging modes
- Fully insulated battery terminals
- Practical suspension eye, e.g. for wall mounting



### PBCS 10A Battery charger

- 12 V, 4 Ah to 200 Ah
- Charging current max. 10.0 A
- Multi-stage charging cycle with micro-processor control and monitoring
- Automatically adjusts to the battery voltage
- All-round battery charger for various battery types, e.g. gel, EFB, AGM, Ca/Ca, lead-acid batteries
- High-quality AGM/EFB technology for start-stop systems
- Protection class IP65: dust and jet water protected
- Trickle charge mode protects the battery from deep discharge
- Supply mode protects vehicle settings when disconnecting or changing the battery
- Winter charging mode for ambient temperatures below 5 °C
- LC display with battery voltage and charge progress indication
- Highest safety: electronic overcharge, short-circuit, reverse polarity and overheating protection
- Memory function for standard, AGM, trickle and winter charging modes
- Fully insulated battery terminals
- Practical suspension eye, e.g. for wall mounting

# Battery chargers

## Products overview:



Technical data		PBCS 2A	PBCS 4A	PBCS 6A	PBCS 10A
Article number		4.675.000.001	4.675.000.005	4.675.000.010	4.675.000.015
Efficiency (COP)		90 %	90 %	90 %	90 %
Charging current	min.	1 A	1 A	1 A	1 A
	max.	2 A	4 A	6 A	10 A
Power consumption		35 W	70 W	100 W	160 W
Output voltage		12 V	12 V	12 V	12 V
Charging end voltage		14.2 V / 14.8 V	14.2 V / 15.3 V	14.2 V / 15.3 V	14.2 V / 15.3 V
Charging voltage Reconditioning mode		–	15.3 V DC / 1.5 A	15.3 V DC / 1.5 A	15.3 V DC / 1.5 A
Charging voltage Supply mode		–	3 A	3 A	8 A
Cable length	Connection cable	1.5 m	1.5 m	1.5 m	1.5 m
	Charging cable (+ / –)	1.55 m	1.55 m	1.55 m	1.55 m
Protection class		IP65	IP65	IP65	IP65
Dimensions (length x width x height)		190 x 85 x 48 mm	227 x 90 x 50 mm	280 x 105 x 62 mm	280 x 105 x 62 mm
Weight		0.37 kg	0.44 kg	0.54 kg	0.70 kg
Functions and features		PBCS 2A	PBCS 4A	PBCS 6A	PBCS 10A
Operating modes		3	5	5	5
LED display / LC display		■ / –	– / ■	– / ■	– / ■
Fully automatic charging		■	■	■	■
Display of operating modes		■	–	–	–
Display of charging voltage		–	■	■	■
Charging progress display		■	■	■	■
Microprocessor control		■	■	■	■
Standard mode		■	■	■	■
AGM mode		–	■	■	■
Winter charging mode		■	■	■	■
Trickle charge mode		■	■	■	■
Reconditioning mode		–	■	■	■
Supply mode		–	■	■	■
Desulphation		■	■	■	■
Charge cycle analysis		■	■	■	■
Pulse charging		■	■	■	■
Memory function		■	■	■	■
Reverse polarity protection		■	■	■	■
Short circuit protection		■	■	■	■
Undervoltage protection		■	■	■	■
Overcharge protection		■	■	■	■
Automatic fault diagnosis system		■	■	■	■
State of charge indicator		■	■	■	■
Charging cycle		multilevel, 6 levels	multilevel, 10 levels	multilevel, 10 levels	multilevel, 10 levels
Soft start		■	■	■	■

Model	TROTEC PBCS 2A	TROTEC PBCS 4A	TROTEC PBCS 6A	TROTEC PBCS 10A	Common battery sizes
Charging voltage	12 V	12 V	12 V	12 V	
	2 h	■	■	■	4 Ah
	6 h	3 h	■	■	12 Ah
	9 h	5 h	3 h	■	18 Ah
	■	11 h	8 h	■	45 Ah
	■	18 h	12 h	7 h	70 Ah
	■	■	17 h	10 h	100 Ah
	■	■	■	12 h	120 Ah
	■	■	■	15 h	145 Ah
	■	■	■	18 h	180 Ah

h well suitable, charging time in hours   
 ■ suitable   
 ■ less suitable   
 ■ not suitable

Overview of Trotec battery chargers:

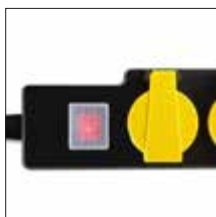
**PBCS 2A**  
12V / 2A / 4 Ah – 60 Ah

**PBCS 4A**  
12V / 4A / 4 Ah – 120 Ah

**PBCS 6A**  
12V / 6A / 4 Ah – 150 Ah

**PBCS 10A**  
12V / 10A / 4 Ah – 200 Ah

# Professional sets for current consumption



## Power strips, 16 A, H05RR-F 3G1.5

Article number PVP3: 7.333.000.202

Article number PVP6: 7.333.000.206

- Power: max. 3,500 W
- Cable length: 2 m
- Input voltage: 230 V
- Input power: 16 A
- Cable cross-section: 1.5 mm<sup>2</sup>
- Number of safety sockets: 3 / 6



PVP3:



PVP6:



15 m /  
25 m



## 230 V extension cable, 16 A, H05RR-F 3G1.5, 15 m / 25 m

Article number 15 m: 7.333.000.372

Article number 25 m: 7.333.000.369

- Rubber sheath
- Cable length: 15 m
- Input voltage: 230 V
- Input power: 16 A
- Cable cross-section: 1.5 mm<sup>2</sup>



Cable length: 15 m



Cable length: 25 m



## 230 V extension cable, 16 A, H07RN-F 3G2.5

Article number

7.333.000.376

- Cable length: 20 m
- Input voltage: 230 V
- Input power: 16 A
- Cable cross-section: 2.5 mm<sup>2</sup>



## 400 V extension cable, 16 A, H07RN-F 5G2.5

Article number

7.333.000.374

- Cable length: 20 m
- Input voltage: 400 V
- Input power: 16 A
- Cable cross-section: 2.5 mm<sup>2</sup>







**400 V extension cable, 32 A, H07RN-F 5G6**

Article number	7.333.000.379
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- Cable length: 20 m
- Input voltage: 400 V
- Input power: 32 A
- Cable cross-section: 6 mm<sup>2</sup>



**Mobile power distributor PV16**

Article number	6.100.002.075
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- Socket combination as per EN 61439
- Hinged inspection window for MCBs in housing cover
- Fold-down V2A carrying handle
- IP44 type of protection
- CEE sockets: 2 x 16 A, 5 p, 400 V
- Safety sockets: 4 pcs.
- Residual current device: 1 x 40 A, 4 p, 0.03 A (type A 25AT)
- Supply line: H07RN-F 5G2.5 with CEE plug 16 A, 5 p, 400 V, length 2 m



**Mobile power distributor PV30**

Article number	6.100.002.081
----------------	---------------

- Socket combination as per EN 61439
- Fold-down V2A carrying handle
- IP44 type of protection
- CEE sockets: 2 x 16 A, 5 p, 400 V
- Input line and output lines completely ready for connection, each with two-metre cable of type H07RN-F
- Residual current device: 2 x 16 A, 3 p, C
- Circuit breaker under hinged viewing window in housing cover
- Supply line: H07RN-F 5G4 with CEE plug 32 A, 5 p, 400 V, length 2 m



**Mobile power distributor PV32**

Article number	6.100.002.076
----------------	---------------

- Socket combination as per EN 61439
- Hinged inspection window for MCBs in housing cover
- Fold-down V2A carrying handle
- IP44 type of protection
- CEE sockets: 1 x 16 A, 5 p, 400 V, 1 x 32 A, 5 p, 400 V
- Safety sockets: 3 pcs.
- Residual current device: 1 x 63 A, 4 p, 0.03 A (type A 40AT)
- Miniature circuit breakers: 1 x 16 A, 3 p, C, 1 x 16 A, 1 p, C
- Supply line: H07RN-F 5G6 with CEE plug 32 A, 5 p, 400 V, length 2 m



# Professional sets for current consumption



## Cable drum PVD1EU

Article number 7.333.000.365

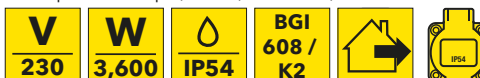
- Convenient carrying characteristics due to ergonomic handle
- Additional safety due to thermal protection switch
- Stable IP44 frame with ergonomically shaped carrying handle
- Four IP44 safety sockets with sealing edge and self-closing hinged covers 16 A, 230 V
- Drum with 20 m cable H05RR-F 3G1.5, 230 V, 16 A, cable cross-section 1.5 mm<sup>2</sup>
- Output: rolled up 1,100 W, unrolled 3,200 W



## Cable drum PVD2

Article number 7.333.000.367

- Convenient carrying characteristics due to ergonomic handle
- Additional safety due to thermal protection switch
- Drainage through openings in the drum
- Secure footing due to broad support points
- Stable IP54 frame with ergonomically shaped carrying handle and 2 slots for plug storage
- Three IP54 safety sockets with sealing edge and self-closing hinged covers 16 A, 250 V, approved on construction & assembly sites
- Drum with 25 m cable H07RN-F 3G1.5, 230 V, 16 A, cable cross-section 1.5 mm<sup>2</sup>
- Output: rolled up 1,300 W, unrolled 3,600 W



## Cable drum PVD3

Article number 7.333.000.368

- Convenient carrying characteristics due to ergonomic handle
- Additional safety due to thermal protection switch and operation indicator
- Drainage through openings in the drum
- Secure footing due to broad support points
- Stable IP54 frame with ergonomically shaped carrying handle and 2 slots for plug storage
- Four IP54 safety sockets with sealing edge and self-closing hinged covers 16 A, 250 V, approved on construction & assembly sites
- Drum with 40 m cable H07RN-F 3G2.5, 230 V, 16 A, cable cross-section 2.5 mm<sup>2</sup>
- Output: rolled up 1,250 W, unrolled 3,500 W





### PGSS 10-20V Cordless grass and shrub shears

- Powerful 20 V lithium-ion battery\* without memory effect and without self-discharge
- Flexpower multi-device battery\* 20 V 2.0/4.0 Ah – can be flexibly combined also with other 20 V cordless tools
- 2-in-1: For clean lawn edges and perfect shaping of hedges
- Compact solution for filigree grass, shrub and shape cutting as well as for flowerbeds or the kitchen garden
- Two blade attachments made of stainless steel, sharpened on both sides, with outstanding cutting performance and a long lifetime
- Simple blade change thanks to tool-free click system
- Integrated start lock prevents unintentional switch-on
- Quick charger with automatic charge termination: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery\*

\* Not included in the scope of delivery

### PGSS 15-20V Cordless garden shears

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Lightweight universal cutting tool for garden and landscape maintenance
- Ideal for cutting thicker twigs and branches without any effort
- Hardwood up to a diameter of 15 mm and softwood up to a diameter of 28 mm
- High-quality anvil steel blade for precise cuts for protecting the plant
- Comprehensive protective equipment for safe working (non-slip softgrip inserts, switch-on lock, finger guard, blade protection)
- Especially compact housing of reinforced plastics
- Quick charger with automatic charge termination: only 1 hour of charging required
- Three-stage battery level indication integrated in the battery



### PCHS 10-20V Cordless chainsaw

- Powerful 20 V lithium-ion battery without memory effect and without self-discharge
- Flexpower multi-device battery 20 V 2.0 Ah – can be flexibly combined also with other 20 V cordless tools
- Excellently suited for pruning trees and shrubs and for shredding green waste
- Ideal for cutting boards, squared and round timbers
- Handle can be rotated by 90° for convenient sawing with fast work progress
- Safety switch prevents unintentional switch-on of the chain saw for safe use
- Particularly compact housing made of reinforced plastic with soft grip for high working comfort and durability
- Flexible protective cover for safe working
- The 6-inch saw chain provides high cutting performance and powerful cuts
- Quiet running and low-vibration chain
- Tool-free quick change function of the chain
- Solid plastic cover for the chain for safe storage



# Garden tools

## Products overview:



<b>Technical data</b>		<b>PGSS 10-20V</b>	<b>PGSS 15-20V</b>	<b>PCHS 10-20V</b>
<b>Article number</b>		4.670.000.010	4.670.000.015	4.670.000.110
<b>Battery voltage</b>		20 V*	20 V	20 V
<b>Battery capacity</b>		2.0 Ah* / 4.0 Ah*	2.0 Ah	2.0 Ah
<b>Battery charging time</b>		1 h / 1.5 h	1 h	1 h
<b>Idle speed / Engine speed</b>		1,200 min⁻¹ / –	– / 20,000 min⁻¹	3,800 min⁻¹ / –
	Blade width of grass shears	100 mm	–	–
	Blade length of shrub shears	200 mm	50 mm	–
	Cutting length	8 mm	50 mm	150 mm
	Max. cutting thickness	8 mm	28 mm	150 mm
	Dimensions (length x width x height)	280 x 110 x 145 mm	317 x 69 x 113 mm	530 x 90 x 150 mm
	Weight	1 kg	1 kg	1.7 kg
<b>Functions and features</b>		<b>PGSS 10-20V</b>	<b>PGSS 15-20V</b>	<b>PCHS 10-20V</b>
<b>Infinitely variable speed control</b>		–	–	■
<b>On / off switch</b>		■	■	■
<b>Safety switch</b>		■	■	■
<b>Tool-free knife change</b>		■	–	–
<b>Handle adjustable</b>		–	–	0-90°
<b>Soft grip rubber</b>		■	■	■
<b>Three-stage battery level indication integrated in the battery</b>		■	■	■
<b>Scope of delivery</b>		<b>PGSS 10-20V</b>	<b>PGSS 15-20V</b>	<b>PCHS 10-20V</b>
	Grass shears	■	–	–
	Shrub shears	■	–	–
	Blade guard for grass shears	■	–	–
	Blade guard for shrub shears	■	–	–
	Blade protector for knives	–	■	–
	Protective cap	–	–	■
<b>Quick charger / Replacement battery</b>		–/–	■/■	■/■
<b>Recommended accessories</b>		<b>PGSS 10-20V</b>	<b>PGSS 15-20V</b>	<b>PCHS 10-20V</b>
	Spare battery Flexpower 20V 2.0 Ah	6.200.000.303	6.200.000.303	6.200.000.303
	Spare battery Flexpower 20V 4.0 Ah	6.200.000.320	6.200.000.320	6.200.000.320
	Replacement grass shear blade	6.250.000.001	–	–
	Replacement shrub shear blade	6.250.000.002	–	–
	Replacement chain for PCHS 10-20V	–	–	6.215.002.001

\* Not included in the scope of delivery



### Replacement grass shear blade for PGSS 10-20V

Article number	6.250.000.001
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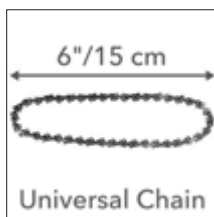
- Suitable for cordless grass and shrub shears PGSS 10-20V
- Blade width: 10 cm
- Trotec brand quality



### Replacement shrub shear blade for PGSS 10-20V

Article number	6.250.000.002
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- Suitable for cordless grass and shrub shears PGSS 10-20V
- Blade length: 20 cm
- Max. cutting thickness: 8 mm
- Trotec brand quality



### Replacement chain for PCHS 10-20V

Article number	6.215.002.001
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- Suitable for cordless chain saw PCHS 10-20V
- Chain type: 6 inch
- Chain speed: 4,8 m/s
- Driving links: 40 pieces
- Driving link thickness: 0.6 mm
- Trotec brand quality



# Additional battery packs

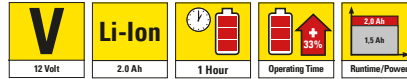
for all 12 V / 20 V cordless tools from Trotec



## Spare battery PSCS 11-12V 2.0 Ah / PMTS 01-12V 2.0 Ah

Article number 6.200.000.102

- Lithium-ion battery without memory effect and without self-discharge
- Up to 33 % longer running time than 1.5 Ah batteries
- Increased capacity with maximum force
- Charging time: 1 h
- Battery voltage: 12 V
- Battery capacity: 2.0 Ah
- Weight: 180 g



## Spare battery PMTS 10-12V 1.5 Ah

Article number 6.210.000.001

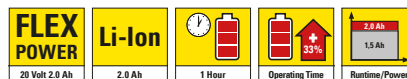
- Lithium-ion battery without memory effect and without self-discharge
- Charging time: 1 h
- Battery voltage: 12 V
- Battery capacity: 1.5 Ah
- Weight: 180 g



## Spare battery Flexpower 20V 2.0 Ah

Article number 6.200.000.303

- Flexpower-Multi battery 20V 2.0 Ah – can be combined with various Trotec cordless tools
- Lithium-ion battery without memory effect and without self-discharge
- Up to 33 % longer running time than 1.5 Ah batteries
- Increased capacity with maximum force
- Charging time: 1 h
- Battery voltage: 20 V
- Battery capacity: 2.0 Ah
- Weight: 420 g



## Spare battery Flexpower 20V 4.0 Ah

Article number 6.200.000.320

- Flexpower-Multi battery 20V 4.0 Ah – can be combined with various Trotec cordless tools
- Lithium-ion battery without memory effect and without self-discharge
- Up to 100 % longer running time than 2.0 Ah batteries
- Increased capacity with maximum force
- Charging time: 1.5 h
- Battery voltage: 20 V
- Battery capacity: 4.0 Ah
- Weight: 700 g



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As a manufacturer, Trotec also provides industry, commercial and private users with innovative product solutions for air treatment. In all sizes and performance classes. And in order to offer you the best service possible we are on the scene for you with our subsidiaries all over the world.

- Air Dehumidification
- Air Humidification
- Heating
- Ventilation
- Air Conditioning
- Air Cleaning
- Drying
- Odour Elimination





### TWP 4005 E Submersible clear water pump

- Strong 400 watt power for pumping up to 7,000 liters per hour
- Delivery head max.: 7.5 m
- Ideal for dewatering flat surfaces as well as for pumping. For swimming pools, cellar rooms, leakage in washing machines
- For the easy pumping of clear water with float particles up to 5 mm in height
- Extremely durable thanks to ceramic mechanical seal
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- Flat suction up to 3 mm with dry dry result
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities
- Backflow stop prevents the flow from flowing back



### TWP 4006 E Submersible clear water pump

- Strong 400 watt power for pumping up to 7,300 litres per hour
- Delivery head max.: 7.5 m
- Ideal for dewatering flat surfaces as well as for pumping. For swimming pools, cellar rooms, leakage in washing machines
- For the easy pumping of clear water with float particles up to 5 mm in height
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- Flat suction up to 5 mm with dry dry result
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities
- 360° angle and hose adapter
- For quick installation and deinstallation, the device has a connection for the "Quick Connect" system
- Backflow stop prevents the flow from flowing back



### TWP 7505 E Submersible clear water pump

- Strong 750 watt power for pumping up to 13,000 liters per hour
- Delivery head max.: 10 m
- Ideal for dewatering flat surfaces as well as for pumping. For swimming pools, cellar rooms, leakage in washing machines
- For the easy pumping of clear water with float particles up to 5 mm in height
- Extremely durable thanks to ceramic mechanical seal
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- Flat suction up to 3 mm with dry dry result
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities
- Backflow stop prevents the flow from flowing back



### TWP 7506 E Submersible clear water pump

- Strong 750 watt power for pumping up to 13,000 liters per hour
- Delivery head max.: 9.5 m
- Ideal for dewatering flat surfaces as well as for pumping. For swimming pools, cellar rooms, leakage in washing machines
- For the easy pumping of clear water with float particles up to 5 mm in height
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- Flat suction up to 5 mm with dry dry result
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities
- 360° angle and hose adapter
- For quick installation and deinstallation, the device has a connection for the "Quick Connect" system
- Backflow stop prevents the flow from flowing back





# Submerged clear water pumps

## Products overview:



Technical data		TWP 4005 E	TWP 4006 E	TWP 7505 E	TWP 7506 E
Article number		4.610.000.005	4.610.000.004	4.610.000.007	4.610.000.006
Power consumption		400 W	400 W	750 W	750 W
Max. flow rate		7,000 l/h	7,300 l/h	13,000 l/h	13,000 l/h
Max. delivery head		7.5 m	7.5 m	10 m	9.5 m
Max. submersion depth		7 m	7 m	7 m	7 m
Minimum operating depth		80 mm	55 mm	80 mm	55 mm
Max. water level after suction		3 mm	5 mm	3 mm	5 mm
Switch-on point float switch		420 mm	500 mm	600 mm	550 mm
Switch-off point float switch		180 mm	100 mm	180 mm	120 mm
Max. water temperature		35 °C	35 °C	35 °C	35 °C
Grain size		5 mm	5 mm	5 mm	5 mm
Type of protection		IPX8	IPX8	IPX8	IPX8
Hose connection (inner diameter)		25 / 32 mm	25 / 38 mm	25 / 32 mm	25 / 38 mm
Threaded connection		1" / 1 1/2"	1" / 1 1/2"	1" / 1 1/4" / 1 1/2"	1" / 1 1/2"
Input voltage		230 – 240 V/50 Hz	230 V / 50 Hz	230 – 240 V/50 Hz	230 V / 50 Hz
Cable length		10 m	10 m	10 m	10 m
Dimensions (length x width x height)		220 x 160 x 290 mm	220 x 160 x 310 mm	220 x 160 x 335 mm	220 x 160 x 340 mm
Weight		3.6 kg	4.0 kg	3.9 kg	5.0 kg
Scope of delivery		<b>TWP 4005 E</b>	<b>TWP 4006 E</b>	<b>TWP 7505 E</b>	<b>TWP 7506 E</b>
Hose adapter		■	■	■	■
Elbow / 360° elbow		■ / –	– / ■	■ / –	– / ■
Backflow valve		■	■	■	■
Nylon cord		■	■	■	■
Cable holder		–	■	–	■
Available accessories		<b>TWP 4005 E</b>	<b>TWP 4006 E</b>	<b>TWP 7505 E</b>	<b>TWP 7506 E</b>
Power strip 3-fold IP44 PVP3			7.333.000.202		
Power strip 6-fold IP44 PVP6			7.333.000.206		
Quality extension cable – 15 m / 230 V / 1.5 mm <sup>2</sup>			7.333.000.372		
Quality extension cable – 25 m / 230 V / 1.5 mm <sup>2</sup>			7.333.000.369		
Professional extension cable – 20 m / 230 V / 2.5 mm <sup>2</sup>			7.333.000.376		
Cable drum PVD1EU – 20 m / 230 V / 1.5 mm <sup>2</sup>			7.333.000.365		
Cable drum PVD2 – 25 m / 230 V / 1.5 mm <sup>2</sup>			7.333.000.367		
Cable drum PVD3 – 40 m / 230 V / 2.5 mm <sup>2</sup>			7.333.000.368		
<b>Submerged clear water pumps</b>					
Fields of application		<b>TWP 4005 E</b>	<b>TWP 4006 E</b>	<b>TWP 7505 E</b>	<b>TWP 7506 E</b>
Clear, slightly contaminated water		■	■	■	■
Slightly chlorinated water		■	■	■	■
Basements		■	■	■	■
Washing machine leakage		■	■	■	■
Rain barrels		■	■	■	■
Water barrel		■	■	■	■



### TWP 4025 E Submersible waste water pump

- Strong 400 watt power for pumping up to 7,500 liters per hour
- Delivery head max.: 5 m
- Ideal for water extraction as well as for pumping. For swimming pools, cellar rooms, rain barrels, garden ponds, small excavations, flooding
- For effortless pumping of clear and dirty water with up to 25 mm dirt and float particles
- Extremely durable thanks to ceramic mechanical seal
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities



### TWP 4036 E Submersible waste water pump

- Strong 400 watt power for pumping up to 7,500 liters per hour
- Delivery head max.: 5 m
- Ideal for water extraction as well as for pumping. For swimming pools, cellar rooms, rain barrels, garden ponds, small excavations, flooding
- For effortless pumping of clear and dirty water with up to 25 mm dirt and float particles
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities
- 360° angle and hose adapter
- For quick installation and deinstallation, the device has a connection for the "Quick Connect" system



### TWP 7025 E Submersible waste water pump

- Strong 750 watt power for pumping up to 13,000 liters per hour
- Delivery head max.: 9 m
- Ideal for water extraction as well as for pumping. For swimming pools, cellar rooms, rain barrels, garden ponds, small excavations, flooding
- For effortless pumping of clear and dirty water with up to 25 mm dirt and float particles
- Extremely durable thanks to ceramic mechanical seal
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities



### TWP 7536 E Submersible waste water pump

- Strong 750 watt power for pumping up to 12,500 liters per hour
- Delivery head max.: 8 m
- Ideal for water extraction as well as for pumping. For swimming pools, cellar rooms, rain barrels, garden ponds, small excavations, flooding
- For effortless pumping of clear and dirty water with up to 25 mm dirt and float particles
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities
- 360° angle and hose adapter
- For quick installation and deinstallation, the device has a connection for the "Quick Connect" system

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**TWP 9000 ES Submersible waste water pump**

- Strong 900 watt power for pumping up to 15,000 liters per hour
- Delivery head max.: 8 m
- Ideal for water extraction as well as for pumping. For swimming pools, cellar rooms, rain barrels, garden ponds, small excavations, flooding
- For effortless pumping of clear and dirty water with up to 25 mm dirt and float particles
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities
- 360° angle and hose adapter
- For quick installation and deinstallation, the device has a connection for the "Quick Connect" system

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**TWP 11000 ES Submersible waste water pump**

- Strong 1,100 watt power for pumping up to 20,000 liters per hour
- Delivery head max.: 9 m
- Ideal for water extraction as well as for pumping. For swimming pools, cellar rooms, rain barrels, garden ponds, small excavations, flooding
- For effortless pumping of clear and dirty water with up to 25 mm dirt and float particles
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities
- 360° angle and hose adapter
- For quick installation and deinstallation, the device has a connection for the "Quick Connect" system



**TWP 11025 E Submersible waste water pump**

- Strong 1,100 watt power for pumping up to 15,000 liters per hour
- Delivery head max.: 11 m
- Ideal for water extraction as well as for pumping. For swimming pools, cellar rooms, rain barrels, garden ponds, small excavations, flooding
- For effortless pumping of clear and dirty water with up to 25 mm dirt and float particles
- Extremely durable thanks to ceramic mechanical seal
- Maintenance-free motor with integrated thermal protection circuit in case of overheating
- Automatic switching on and off thanks to the float switch depending on the water level
- Fixation of the float switch for continuous operation
- IPX8 protection type – protected against penetration of water when immersed
- Universal connection for flexible connection possibilities



# Submerged waste water pumps

## Products overview:



Technical data		TWP 4025 E	TWP 4036 E	TWP 7025 E	TWP 7536 E	TWP 9000 ES	TWP 11000 ES	TWP 11025 E
Article number		4.610.000.015	4.610.000.016	4.610.000.055	4.610.000.054	4.610.000.065	4.610.000.066	4.610.000.060
<b>W</b>	Power consumption	400 W	400 W	750 W	750 W	900 W	1,100 W	1,100 W
<b>l/h</b>	Max. flow rate	7,500 l/h	7,500 l/h	13,000 l/h	12,500 l/h	15,000 l/h	20,000 l/h	15,000 l/h
<b>PUMP HEIGHT</b>	Max. delivery head	5 m	5 m	9 m	8 m	8 m	9 m	11 m
<b>SUBMERSION DEPTH</b>	Max. submersion depth	5 m	7 m	7 m	7 m	7 m	7 m	7 m
	Minimum operating depth	90 mm	85 mm	115 mm	85 mm	50 mm	50 mm	115 mm
	Max. water level after suction	35 mm	40 mm	35 mm	40 mm	40 mm	40 mm	35 mm
	Switch-on point float switch	450 mm	550 mm	500 mm	600 mm	600 mm	600 mm	600 mm
	Switch-off point float switch	210 mm	120 mm	250 mm	150 mm	150 mm	150 mm	180 mm
	Max. water temperature	35 °C	35 °C	35 °C	35 °C	35 °C	35 °C	35 °C
	Grain size	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm
<b>IP</b>	Type of protection	IPX8	IPX8	IPX8	IPX8	IPX8	IPX8	IPX8
	Hose connection (inner diameter)	25 / 32 mm	25 / 38 mm	25 / 32 mm	25 / 38 mm	25 / 38 mm	25 / 38 mm	25 / 32 mm
	Threaded connection	1" / 1 1/2"	1" / 1 1/2"	1" / 1 1/2"	1" / 1 1/2"	1" / 1 1/2"	1" / 1 1/2"	1" / 1 1/2"
<b>V</b>	Input voltage	230 – 240 V/50 Hz	230 V / 50 Hz	230 – 240 V/50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 – 240 V/50 Hz
	Cable length	10 m	10 m	10 m	10 m	10 m	10 m	10 m
	Dimensions (length x width x height)	220 x 160 x 310 mm	220 x 160 x 340 mm	220 x 160 x 355 mm	220 x 160 x 370 mm	225 x 225 x 370 mm	225 x 225 x 370 mm	220 x 160 x 355 mm
	Weight	3.7 kg	4.0 kg	5.2 kg	5.0 kg	5.5 kg	6.0 kg	6.0 kg
<b>Scope of delivery</b>		<b>TWP 4025 E</b>	<b>TWP 4036 E</b>	<b>TWP 7025 E</b>	<b>TWP 7536 E</b>	<b>TWP 9000 ES</b>	<b>TWP 11000 ES</b>	<b>TWP 11025 E</b>
	Hose adapter	■	■	■	■	■	■	■
	Elbow / 360° elbow	■ / –	– / ■	■ / –	– / ■	– / ■	– / ■	■ / –
	Backflow valve	–	–	–	–	–	–	–
	Nylon cord	■	■	■	■	■	■	■
	Cable holder	–	■	–	■	■	■	–
<b>Available accessories</b>		<b>TWP 4025 E</b>	<b>TWP 4036 E</b>	<b>TWP 7025 E</b>	<b>TWP 7536 E</b>	<b>TWP 9000 ES</b>	<b>TWP 11000 ES</b>	<b>TWP 11025 E</b>
	Power strip 3-fold IP44 PVP3				7.333.000.202			
	Power strip 6-fold IP44 PVP6				7.333.000.206			
	Quality extension cable – 15 m / 230 V / 1.5 mm <sup>2</sup>				7.333.000.372			
	Quality extension cable – 25 m / 230 V / 1.5 mm <sup>2</sup>				7.333.000.369			
	Professional extension cable – 20 m / 230 V / 2.5 mm <sup>2</sup>				7.333.000.376			
	Cable drum PVD1EU – 20 m / 230 V / 1.5 mm <sup>2</sup>				7.333.000.365			
	Cable drum PVD2 – 25 m / 230 V / 1.5 mm <sup>2</sup>				7.333.000.367			
	Cable drum PVD3 – 40 m / 230 V / 2.5 mm <sup>2</sup>				7.333.000.368			
<b>Submerged waste water pumps</b>								
<b>Fields of application</b>		<b>TWP 4025 E</b>	<b>TWP 4036 E</b>	<b>TWP 7025 E</b>	<b>TWP 7536 E</b>	<b>TWP 9000 ES</b>	<b>TWP 11000 ES</b>	<b>TWP 11025 E</b>
	Clear, slightly contaminated water	■	■	■	■	■	■	■
	Heavily contaminated water	■	■	■	■	■	■	■
	Slightly chlorinated water	■	■	■	■	■	■	■
	Basements	■	■	■	■	■	■	■
	Rain barrels	■	■	■	■	■	■	■
	Pond / swimming pond	■	■	■	■	■	■	■
	Water barrel	■	■	■	■	■	■	■
	Flooding	■	■	■	■	■	■	■
	Small building pit	■	■	■	■	■	■	■

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### TDP 370 E Deep well pump

- Powerful 370 watt power for pumping up to 5,100 liters per hour
- Robust pressure connection with brass insert and valve
- Pump housing made of stainless steel
- Ideal for pumping clear water from a well, rainwater cistern or shaft
- For effortless service water supply or irrigation purposes in the house or garden
- Extremely durable thanks to robust stainless steel housing and copper motor
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- Stainless steel dirt strainer
- IPX8 type of protection for the pump – dust-proof and suitable for continuous underwater use
- With power plug (plug & play)
- 2 suspension eyes for lowering the pump

### TDP 750 E Deep well pump

- Powerful 750 watt power for pumping up to 5,100 liters per hour
- Robust pressure connection with brass insert and valve
- Pump housing made of stainless steel
- Ideal for pumping clear water from a well, rainwater cistern or shaft
- For effortless service water supply or irrigation purposes in the house or garden
- Extremely durable thanks to robust stainless steel housing and copper motor
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- Stainless steel dirt strainer
- IPX8 type of protection for the pump – dust-proof and suitable for continuous underwater use
- With power plug (plug & play)
- 2 suspension eyes for lowering the pump

STAINLESS  
STEEL



STAINLESS  
STEEL



### TDP 5500 E Deep well pump

- Powerful 550 watt power for pumping up to 6,000 liters per hour
- Robust pressure connection with brass insert and valve
- Pump housing made of stainless steel
- Ideal for pumping clear water from a well, rainwater cistern or shaft
- For effortless service water supply or irrigation purposes in the house or garden
- Extremely durable thanks to robust stainless steel housing and copper motor
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- Stainless steel dirt strainer
- IP68 type of protection for the pump – dust-proof and suitable for continuous underwater use
- IP44 type of protection for the control box – splash-proof
- External switchbox
- 2 suspension eyes for lowering the pump

### TDP 7500 E Deep well pump

- Powerful 750 watt power for pumping up to 4,800 liters per hour
- Robust pressure connection with brass insert and valve
- Pump housing made of stainless steel
- Ideal for pumping clear water from a well, rainwater cistern or shaft
- For effortless service water supply or irrigation purposes in the house or garden
- Extremely durable thanks to robust stainless steel housing and copper motor
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- Stainless steel dirt strainer
- IP68 type of protection for the pump – dust-proof and suitable for continuous underwater use
- IP44 type of protection for the control box – splash-proof
- External switchbox
- 2 suspension eyes for lowering the pump

# Deep well pumps

## Products overview:



Technical data		TDP 370 E	TDP 750 E	TDP 5500 E	TDP 7500 E
Article number		4.610.000.201	4.610.000.203	4.610.000.210	4.610.000.215
<b>W</b>	Power consumption	700 W	1,000 W	1,100 W	1,500 W
	Pump capacity	370 W	750 W	550 W	750 W
<b>l/h</b>	Max. flow rate	5,100 l/h	5,100 l/h	6,000 l/h	4,800 l/h
<b>PUMP HEIGHT</b>	Max. delivery head	40 m	50 m	58 m	93 m
<b>SUBMERSION DEPTH</b>	Max. submersion depth	20 m	20 m	20 m	20 m
<b>SUCTION DEPTH</b>	Minimum operating depth	691 mm	767 mm	783 mm	930 mm
<b>TEMPERATURE</b>	Max. water temperature	35 °C	35 °C	35 °C	35 °C
<b>GRAIN SIZE</b>	Grain size	1.8 mm	1.8 mm	2.3 mm	2.3 mm
<b>IP</b>	Type of protection	IPX8	IPX8	IP68	IP68
<b>CONNECTION</b>	Threaded connection	1 ¼"	1 ¼"	1 ¼"	1 ¼"
<b>SOLIDS CONTENT</b>	Solids content in water	0.15 %	0.15 %	0.25 %	0.25 %
<b>DRILL HOLE Ø</b>	Min. drill hole diameter	150 mm	150 mm	110 mm	110 mm
<b>V</b>	Input voltage	220 – 240 V/50 Hz	220 – 240 V/50 Hz	220 – 240 V/50 Hz	220 – 240 V/50 Hz
<b>CABLE</b>	Cable length	23 m	23 m	23 m	23 m
Dimensions (length x width x height)		125 x 125 x 690 mm	125 x 125 x 790 mm	100 x 92 x 783 mm	100 x 92 x 930 mm
Weight		10.0 kg	11.0 kg	13.5 kg	15.5 kg





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### TGP 1000 E Garden pump

- Powerful 1,000 watt power for pumping up to 3,300 liters per hour
- Ideally suited for withdrawal, recirculation and suction of water e.g. in rain barrels, cisterns and garden ponds
- For effortless service water supply or irrigation purposes in the house or garden
- Pump housing made of impact-resistant plastic and high corrosion resistance due to aluminium winding motor
- Stable metal threads both on the suction and pressure side
- High-quality face seal for a long lifetime
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- IPX4 type of protection for the pump – splash-proof from all directions
- IP44 type of protection for the mains plug – splash-proof
- User-friendly thanks to the large filler opening for easy filling of the pump
- Protected against frost – residual water can be discharged conveniently via the water drain screw
- Integrated carrying handle for quick operational readiness at various locations
- Stable pump foot with holes for easy fastening



### TGP 1000 ES Garden pump

- Powerful 1,000 watt power for pumping up to 3,300 liters per hour
- Ideally suited for withdrawal, recirculation and suction of water e.g. in rain barrels, cisterns and garden ponds
- For effortless service water supply or irrigation purposes in the house or garden
- Pump housing made of impact-resistant plastic and high corrosion resistance due to aluminium winding motor
- Stable metal threads both on the suction and pressure side
- High-quality ceramic face seal for a long lifetime
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- IPX4 type of protection for the pump – splash-proof from all directions
- IP44 type of protection for the mains plug – splash-proof
- User-friendly thanks to the large filler opening for easy filling of the pump
- Protected against frost – residual water can be discharged conveniently via the water drain screw
- Integrated carrying handle for quick operational readiness at various locations
- Stable pump foot with holes for easy fastening



### TGP 1005 E Garden pump

- Powerful 1,000 watt power for pumping up to 3,300 liters per hour
- With pre-filter to protect against coarse dirt particles (> Ø 1 mm)
- Ideally suited for withdrawal, recirculation and suction of water e.g. in rain barrels, cisterns and garden ponds
- For effortless service water supply or irrigation purposes in the house or garden
- Pump housing made of impact-resistant plastic and high corrosion resistance due to aluminium winding motor
- Stable metal threads both on the suction and pressure side
- High-quality ceramic face seal for a long lifetime
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- IPX4 type of protection for the pump – splash-proof from all directions
- IP44 type of protection for the mains plug – splash-proof
- User-friendly thanks to the large filler opening for easy filling of the pump
- Protected against frost – residual water can be discharged conveniently via the water drain screw
- Integrated carrying handle for quick operational readiness at various locations
- Stable pump foot with holes for easy fastening





# Garden pumps

## Products overview:



Technical data		TGP 1000 E	TGP 1000 ES	TGP 1005 E
Article number		4.610.000.105	4.610.000.106	4.610.000.110
<b>W</b>	Power consumption	1,000 W	1,000 W	1,000 W
<b>l/h</b>	Max. flow rate	3,300 l/h	3,300 l/h	3,300 l/h
<b>FEED PRESSURE</b>	Feed pressure	4.2 bar	4.2 bar	4.2 bar
<b>PUMP HEIGHT</b>	Max. delivery head	42 m	42 m	42 m
<b>SUCTION HEIGHT</b>	Max. suction height	7 m	7 m	7 m
<b>TEMP</b>	Max. water temperature	35 °C	35 °C	35 °C
<b>GRAIN SIZE</b>	Grain size	2 mm	2 mm	2 mm
<b>IP</b>	Type of protection	IPX4	IPX4	IPX4
<b>CONNECTION</b>	Pressure connection	1"	1"	1"
<b>CONNECTION</b>	Suction connection	1"	1"	1"
<b>V</b>	Input voltage	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
<b>CABLE LENGTH</b>	Cable length	1.2 m	1.2 m	1.2 m
Dimensions (length x width x height)		210 x 330 x 200 mm	210 x 330 x 200 mm	200 x 400 x 210 mm
Weight		6.0 kg	6.5 kg	6.5 kg

		Garden pumps		
Fields of application		TGP 1000 E	TGP 1000 ES	TGP 1005 E
Clear, slightly contaminated water		■	■	■
Heavily contaminated water		–	–	–
Slightly chlorinated water		■	■	■
Basements		–	–	–
Washing machine leakage		–	–	–
Rain barrels		■	■	■
Pond / swimming pond		■	■	■
Water barrel		■	■	■
Flooding		–	–	–
Small building pit		–	–	–



### TGP 1025 E Domestic waterwork

- Powerful 1,000 watt power for pumping up to 3,300 liters per hour
- Ideal for pumping clear water from alternative water sources such as wells or rainwater cisterns
- For effortless service water supply or irrigation purposes in the house or garden
- Pump housing made of impact-resistant plastic and high corrosion resistance due to aluminium winding motor
- Stable metal threads both on the suction and pressure side
- High-quality face seal for a long lifetime
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- IPX4 type of protection for the pump – splash-proof from all directions
- IP44 type of protection for the mains plug – splash-proof
- User-friendly thanks to the large filler opening for easy filling of the pump
- Pressure tank with a tank volume of 19 litres
- Protected against frost – residual water can be discharged conveniently via the water drain screw
- Energy-saving thanks to automatic switch-on and switch-off
- Stable pump foot with holes for easy fastening

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### TGP 1025 ES Domestic waterwork

- Powerful 1,000 watt power for pumping up to 3,300 liters per hour
- Ideal for pumping clear water from alternative water sources such as wells or rainwater cisterns
- For effortless service water supply or irrigation purposes in the house or garden
- Pump housing made of impact-resistant stainless steel and high corrosion resistance due to aluminium winding motor
- Stable metal threads both on the suction and pressure side
- High-quality face seal for a long lifetime
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- IPX4 type of protection for the pump – splash-proof from all directions
- IP44 type of protection for the mains plug – splash-proof
- User-friendly thanks to the large filler opening for easy filling of the pump
- Pressure tank with a tank volume of 19 litres
- Protected against frost – residual water can be discharged conveniently via the water drain screw
- Energy-saving thanks to automatic switch-on and switch-off
- Stable pump foot with holes for easy fastening

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### TGP 1025 ES ES Domestic waterwork

- Powerful 1,000 watt power for pumping up to 3,300 liters per hour
- Ideal for pumping clear water from alternative water sources such as wells or rainwater cisterns
- For effortless service water supply or irrigation purposes in the house or garden
- Pump housing and pressure vessel made of impact-resistant stainless steel and high corrosion resistance due to aluminium winding motor
- Stable metal threads both on the suction and pressure side
- High-quality face seal for a long lifetime
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- IPX4 type of protection for the pump – splash-proof from all directions
- IP44 type of protection for the mains plug – splash-proof
- User-friendly thanks to the large filler opening for easy filling of the pump
- Pressure tank with a tank volume of 19 litres
- Protected against frost – residual water can be discharged conveniently via the water drain screw
- Energy-saving thanks to automatic switch-on and switch-off
- Stable pump foot with holes for easy fastening

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### TGP 1050 E Domestic waterwork

- Powerful 1,000 watt power for pumping up to 3,300 liters per hour
- Ideal for pumping clear water from alternative water sources such as wells or rainwater cisterns
- With pre-filter to protect against coarse dirt particles (> Ø 1 mm)
- For effortless service water supply or irrigation purposes in the house or garden
- Pump housing and pressure vessel made of impact-resistant stainless steel and high corrosion resistance due to aluminium winding motor
- Stable metal threads both on the suction and pressure side
- High-quality face seal for a long lifetime
- Maintenance-free motor with integrated thermal protection circuit activated by overheating of the device
- IPX4 type of protection for the pump – splash-proof from all directions
- IP44 type of protection for the mains plug – splash-proof
- User-friendly thanks to the large filler opening for easy filling of the pump
- Pressure tank with a tank volume of 19 litres
- Protected against frost – residual water can be discharged conveniently via the water drain screw
- Energy-saving thanks to automatic switch-on and switch-off
- Stable pump foot with holes for easy fastening

# Domestic water supply systems

## Products overview:



Technical data		TGP 1025 E	TGP 1025 ES	TGP 1025 ES ES	TGP 1050 E
Article number		4.610.000.190	4.610.000.191	4.610.000.192	4.610.000.195
Power consumption		1,000 W	1,000 W	1,000 W	1,000 W
Max. flow rate		3,300 l/h	3,300 l/h	3,300 l/h	3,300 l/h
Feed pressure		3 bar	3 bar	3 bar	3 bar
Max. delivery head		30 m	30 m	30 m	30 m
Max. suction height		7 m	7 m	7 m	7 m
Max. water temperature		35 °C	35 °C	35 °C	35 °C
Grain size		2 mm	2 mm	2 mm	2 mm
Type of protection		IPX4	IPX4	IPX4	IPX4
Pressure connection		1"	1"	1"	1"
Suction connection		1"	1"	1"	1"
Tank volume		19 l	19 l	19 l	19 l
Input voltage		230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Cable length		1.2 m	1.2 m	1.2 m	1.2 m
Dimensions (length x width x height)		270 x 453 x 500 mm	270 x 453 x 500 mm	270 x 453 x 500 mm	270 x 425 x 520 mm
Weight		10.5 kg	11 kg	11 kg	11 kg

### Domestic water supply systems

Fields of application	TGP 1025 E	TGP 1025 ES	TGP 1025 ES ES	TGP 1050 E
Clear, slightly contaminated water	■	■	■	■
Heavily contaminated water	–	–	–	–
Slightly chlorinated water	■	■	■	■
Service water supply in the house	■	■	■	■
Washing machine leakage	–	–	–	–
Rain barrels	■	■	■	■
Pond / swimming pond	■	■	■	■
Water barrel	■	■	■	■
Flooding	–	–	–	–
Small building pit	–	–	–	–



### TDP DS Electronic pressure switch

- Automatic switch-on/switch-off of commercially available deep well pumps, garden pumps and water pumps
- Pump control via water pressure and flow rate
- Provides for a constant water pressure of the domestic water supply or garden irrigation
- For pumps without a mains plug: Pressure switch with an individual mains plug and an open mains cable end for implementing the connection to the pump's power supply (to be carried out by specialist staff)
- Designed for a working pressure of up to 10 bar
- Two connections with conventional 1" external threads
- Dry-run protection – switches off the pump when there is not enough water
- With non-return valve – prevents water backflow
- Integrated pressure gauge (bar)
- Indication of the operating status via LED
- Delivery head up to 23 metres
- Adjustable switch-on pressure between 1.5 and 2.5 bar
- Protection type IP54 – splash-proof against spray water from all directions
- Suitable for clean fresh water up to 60 °C



### TDP DSP Electronic pressure switch














- Automatic switch-on/switch-off of commercially available garden pumps and water pumps
- Pump control via water pressure and flow rate
- Provides for a constant water pressure of the domestic water supply or garden irrigation
- Including power cable and mains socket (230 V) for easy power supply of the pump
- No specialist staff required for implementing the electrical connection of the pump
- Designed for a working pressure of up to 10 bar
- Two connections with conventional 1" external threads
- Plug & play – easy installation and handling
- Dry-run protection – switches off the pump when there is not enough water
- With non-return valve – prevents water backflow
- Integrated pressure gauge (bar)
- Indication of the operating status via LED
- Delivery head up to 23 metres
- Adjustable switch-on pressure between 1.5 and 2.5 bar
- IP65 type of protection – protected against splash-water and dust from all sides
- Suitable for clean fresh water up to 60 °C



### TDP DSA Electronic pressure switch

- Automatic switch-on/switch-off of commercially available deep well pumps, garden pumps and water pumps
- Pump control via water pressure and flow rate
- Provides for a constant water pressure of the domestic water supply or garden irrigation
- Including power cable and mains socket (230 V) for easy power supply of the pump
- No specialist staff required for implementing the electrical connection of the pump
- Designed for a working pressure of up to 10 bar
- Two connections with conventional 1" external threads
- Plug & play – easy installation and handling
- Dry-run protection – switches off the pump when there is not enough water
- With non-return valve – prevents water backflow
- Integrated pressure gauge (bar)
- Indication of the operating status via LED
- Delivery head up to 23 metres
- Adjustable switch-on pressure between 1.5 and 2.5 bar
- Protection type IP54 – splash-proof against spray water from all directions
- Suitable for clean fresh water up to 60 °C



			
Technical data	TDP DS	TDP DSP	TDP DSA
Article number	4.610.000.290	4.610.000.291	4.610.000.292
 Power consumption	1,100 W	1,100 W	1,100 W
 Minimum flow rate	180 l/h	120 l/h	180 l/h
 Start-up pressure	1.5 bar - 2.5 bar	1.5 bar - 2.5 bar	1.5 bar - 2.5 bar
 Operating pressure	10 bar	10 bar	10 bar
 Max. delivery head	23 m	23 m	23 m
 Max. water temperature	60 °C	60 °C	60 °C
 Type of protection	IP54	IP65	IP54
 Threaded connection	1"	1"	1"
 Input voltage	220 - 240 V / 50 Hz	220 - 240 V / 50 Hz	220 - 240 V / 50/60 Hz
 Cable length of mains plug	1 m	1 m	1 m
 Cable length of pump connection	0.45 m	0.45 m	0.45 m
Dimensions (length x width x height)	125 x 153 x 165 mm	120 x 183 x 225 mm	125 x 153 x 165 mm
Weight	1 kg	1.5 kg	1 kg



Pressure switch	TDP DS	TDP DSP	TDP DSA
<b>Benefits</b>	For automatic pump control. Provides for constant water pressure in the pipe. Offers protection against running dry and in this way extends the service life of the pump.		
<b>Mains connection to the pump</b>	<b>With open cable end</b> For the mains connection of pumps without an individual mains plug. <b>Mains connection to be carried out by specialist staff only!</b>	<b>With integrated socket</b> Plug & Play: Just connect the mains cable of the pump to the socket in the pressure switch. <b>No specialist staff required to carry out the mains connection!</b>	
<b>Mains cable at the pressure switch</b>	✓	✓	✓
<b>Suitable for</b>	deep well pumps, garden pumps and water pumps <b>WITHOUT mains plug</b>	garden pumps, deep well pumps and water pumps <b>WITH mains plug</b>	



### Pressure hose (15 m) 32 x 5mm 1 1/4"

- Inner diameter: Ø 32 mm (1 1/4 Zoll)
- Outer diameter: Ø 42 mm
- Wall thickness: 5 mm
- Length: 15 m



### Pressure hose (25 m) 32 x 5mm 1 1/4"

- Inner diameter: Ø 32 mm (1 1/4 Zoll)
- Outer diameter: Ø 42 mm
- Wall thickness: 5 mm
- Length: 25 m

## Brand quality for applications in the home, house and garden

Whether used for garden irrigation as a garden hose, for pumping service water with a deep well pump or for water supply as a delivery hose with a domestic waterworks - our high-quality pressure hoses with integrated textile reinforcement by polyester fibres are recommended for a variety of applications in the home and garden. With the right adapter connection, the pressure hoses can be used for all commercially available pumps without any problems.

## Pumping service water with deep well pumps or domestic waterworks

If you use a deep well pump, such as our TDP series, or a domestic waterworks, such as our TGP series, to pump water from cisterns and wells for garden irrigation, cleaning or household use, you need reliable hose technology. When pumping service water, pressure hoses from Trotec score with maximum laying flexibility and at the same time high kink resistance, which cannot be achieved with rigid pipe systems. In this respect, the hoses are in no way inferior to conventional water pipes. With a working pressure and pressure resistance of 10 bar and a maximum pressure of 32 bar, Trotec pressure hoses easily withstand the usual pressure of pumps and conveying systems.





### 9-in-1 Ratchet screwdriver

- Practical multi-function tool with 9 different bits
- 3 slotted bits, 3 cross-headed bits, 3 hexagon nuts
- Possible settings "clockwise/counter-clockwise direction" and "Locking mechanism" at the ratchet head
- One-handed screwing – one-handed direction reversal
- 360° ratchet function with 30 teeth (minimum returning angle 14.4°)
- Compact connection system with clever combination options
- Rubberized handle that makes your work comfortable and provides for a secure, non-slip hold
- Robust brand quality of premium-quality tool steel
- Replaces 9 individual screwdrivers or wrenches



### 15-in-1 Multi-function tool

- Compact pocket-sized tool
- For screwing, sawing and cutting
- Can be locked in place at 3 different angles: 90°, 135° and 180°
- 2 slotted bits (SL1/SL2), 3 cross profile bits (PH1/PH2/PH3), 2 hexagon bits (H5/H6)
- 4 wrenches (sockets) for nuts and hexagonal screw heads sized 6/8/9/10 mm
- 1 smooth stainless steel knife blade
- 1 stainless steel saw blade
- 1 magnetic ¼" bit holder with hexagon socket retainer
- 1 socket adapter
- 1 ¼" hexagon to ¼" square adapter
- Convenient fold-out magazines for bits and sockets integrated in the handle
- Tools made of stainless steel
- Robust design for a long service life



### 40-piece bit and wrench set

- All common sizes, drives and screw head profiles in one set
- Manual screwdriver with ratchet
- 1x handle with ratchet, 3x slotted profile bits, 2x hexagonal profile bits, 6x cross-recess bits, 8x Prozidriv profiles, 9x Torx profile bits, 9x socket wrenches, 1x ¼" bit holder and 1x 2"-hexagon shaft
- Minimum returning angle thanks to 7.5° fine toothing
- Ratchet with 48 teeth
- ¼"-quick-change bit holders
- Possible settings "clockwise/counter-clockwise direction" and "Locking mechanism" at the ratchet head
- Handle bendable by 90°
- Robust brand quality of premium-quality tool steel
- Attachments compatible with corresponding Trotec cordless tools like cordless drill drivers
- Colour coding to speed up the process of quickly finding the right bits
- One-handed screwing – one-handed direction reversal
- Storage box with suspension device



### 37-piece hand drill set

- Hand drill set with mini vice and 35 HSS twist drill bits for machining a variety of materials and objects
- Ergonomically shaped aluminium hand drill with a recessed grip and non-slip handle for precise working and optimum power transmission
- Including 25 x "HSS precision drill bits" (high-speed steel) in the sizes: 0.5 mm / 0.6 mm / 1.0 mm / 1.2 mm / 1.5 mm / 1.8 mm / 2.0 mm / 2.3 mm / 3.0 mm
- Including 10 x "HSS micro bits" (high-speed steel) in the sizes: 2.1 mm to 3.0 mm
- Practical plastic cartridges with single holders for each drill bit – ideal for storing the twist drill bits in a sorted fashion and protected from dust
- Easily drills in places that cannot be reached with an electric drill. Fits into every trouser pocket or drawer and is as light as a feather.
- Compatible with commercially available twist drill bits (max. Ø 3.5 mm)



### BD5A Cross line laser

- Projects light-intense laser lines at distances of up to 10 m
- Self-levelling laser
- Laser projection either as cross lines or as individual horizontal or vertical line
- High accuracy of only  $\pm 0,8$  mm/m (at  $0^\circ$ )
- Ideally suited for fast and straight alignment of drill holes, pictures, tiles, strips of wallpaper, wall cupboards, shelves etc.
- Including a multi-functional combination holder with universal clamp plus suction cup
- Latest laser technology ultra-easy to handle
- Extremely light and ultra-compact
- Can be used everywhere immediately thanks to battery operation
- Laser locking function for projecting oblique lines
- Operating switch with transport position for safe laser position fixing when changing the location
- Integrated  $\frac{1}{4}$  inch tripod thread



### BD6A Cross line laser

- Projects light-intense laser lines at distances of up to 10 m
- Self-levelling laser
- Laser projection either as cross lines or as individual horizontal or vertical line
- High accuracy of only  $\pm 3$  mm per 10 m (at  $0^\circ$ )
- Automatic warning if the ground is more inclined and the laser projection cannot be compensated for
- Ideally suited for fast and straight alignment of drill holes, pictures, tiles, strips of wallpaper, wall cupboards, shelves etc.
- Protection class IP54 - protected against dust and splash water
- Including a multi-functional combination holder with universal clamp plus suction cup
- Can be used everywhere immediately thanks to battery operation
- Latest laser technology ultra-easy to handle
- Laser locking function for projecting oblique lines
- Operating switch with transport position for safe laser position fixing when changing the location
- Integrated  $\frac{1}{4}$  inch tripod thread



### BD7A 360° Rotary laser

- 3 projection modes: 360° horizontal mode, cross line mode, 90° vertical mode
- Projects light-intense laser lines at distances of up to 10 m
- Self-levelling laser
- High accuracy of only  $\pm 0.8$  mm/m (at  $0^\circ$ )
- Ideally suited for fast and straight alignment of drill holes, pictures, tiles, strips of wallpaper, wall cupboards, shelves etc.
- Visual warning when outside the auto-levelling range
- Including a multi-functional combination holder with universal clamp plus suction cup
- Latest laser technology ultra-easy to handle
- Extremely light and ultra-compact
- Can be used everywhere immediately thanks to battery operation
- Laser locking function for projecting oblique lines
- Operating switch with transport position for safe laser position fixing when changing the location
- Integrated  $\frac{1}{4}$  inch tripod thread
- Quick charging via supplied micro USB cable



### BD8A 4x360° Rotary laser

- Projection of 4 cross and single lines (2 x 360° horizontal, 2 x 90° vertical)
- Projects light-intense laser lines at distances of up to 30 m
- Self-levelling laser
- High accuracy of only  $\pm 1.5$  mm per 5 m (at  $0^\circ$ )
- Ideally suited for fast and straight alignment of drill holes, pictures, tiles, strips of wallpaper, wall cupboards, shelves etc.
- Visual warning when outside the auto-levelling range
- Latest laser technology ultra-easy to handle
- Extremely light and ultra-compact
- Can be used everywhere immediately thanks to battery operation
- Laser locking function for projecting oblique lines
- Operating switch with transport position for safe laser position fixing when changing the location
- Integrated  $\frac{1}{4}$  inch tripod thread
- Quick charging via supplied USB-C cable
- Incl. carrying case and a wide range of accessories





### BD1L Laser spirit level

- 0.20 m to 20 m laser distance measurement
- Precise measurement of distances, areas and volumes in seconds
- Integrated horizontal line laser (10 m range)
- Vertical and horizontal bubble level with integrated illumination
- Backlit multi-line display
- Continuous measuring mode
- Magnetic holder
- Battery status display
- Power-saving automatic switch-off



### BD8M 3-in-1 measuring device

- 0.05 m to 40 m laser distance measurement
- Indirect distance and height or partial height calculation (3-point Pythagoras functions)
- Precise measurement of distances, areas and volumes within seconds
- Integrated cross line laser (10 m range)
- Integrated measuring tape (5 m length)
- Backlit multi-line display
- Non-stop measuring mode with MIN/MAX function
- Addition and subtraction of measuring results
- Automatic saving of the 20 most recent measured values
- Robust workmanship for rough construction site applications
- Battery status indication
- Power-saving automatic switch-off



### BD11 Distance meter up to 30 m

- Range of 0.05 m to 30 m
- Indirect distance and height or partial height calculation (3-point Pythagoras functions)
- Precise measurement of distances, areas and volumes within seconds
- Illuminated multi-line display
- Non-stop measuring mode with Min/Max function
- Addition and subtraction of measuring results
- Automatic saving of the 10 most recent measured values
- Robust workmanship – dust- and splash-proof (IP54)
- Measurement to be made from the front and rear edge
- Battery status indication
- Automatic switch-off
- Wrist strap
- Quick charging via supplied micro USB cable



### BD16 Distance meter up to 40 m

- Range of 0.05 m to 40 m
- Indirect distance and height or partial height calculation (3-point pythagoras functions)
- Precise measurement of distances, areas and volumes within seconds
- Illuminated multi-line display
- Non-stop measuring mode with Min / Max function
- Addition and subtraction of measuring results
- Automatic saving of the 10 most recent measured values
- Can be used as spirit level thanks to bubble
- Robust workmanship – dust- and splash-proof (IP54)
- Measurement to be made from the front and rear edge
- Battery status indication
- Automatic switch-off
- Belt clip
- Wrist strap



### BD21 Distance meter up to 70 m

- Integrated 90° tilt sensor
- Range of 0.05 m to 70 m
- Indirect distance and height or partial height calculation (3-point pythagoras functions)
- Precise measurement of distances, areas and volumes within seconds
- Illuminated multi-line display
- Can be used as an electronic spirit level
- Robust workmanship – dust- and splash-proof (IP54)
- Measurement to be made from the front and rear edge
- Multifunctional end piece
- Timer function
- Battery status indication
- Automatic switch-off
- Wrist strap
- Tripod thread



### BD22 Distance meter up to 50 m

- 0.05 m to 50 m distance measurement
- Indirect distance and height or partial height calculation (3-point Pythagoras functions)
- Precise measurement of distances, areas and volumes within seconds
- Integrated measuring wheel for measuring curved lines, curves and circumferences (measuring range 0 to 10 m)
- Integrated spirit level for precise alignment
- Backlit multi-line display
- Non-stop measuring mode with MIN/MAX function
- Addition and subtraction of measuring results
- Automatic saving of the 50 most recent measured values
- Robust workmanship for rough construction site applications
- Measurement to be made from the front and rear edge
- Battery status indication
- Automatic switch-off



### BD26 Distance meter up to 120 m

- Integrated 90° tilt sensor
- Range of 0.05 m to 120 m
- Indirect distance and height or partial height calculation (3-point pythagoras functions)
- Precise measurement of distances, areas and volumes within seconds
- Illuminated multi-line display
- Can be used as an electronic spirit level
- Robust workmanship – dust- and splash-proof (IP54)
- Measurement to be made from the front and rear edge
- Multifunctional end piece
- Timer function
- Battery status indication
- Automatic switch-off
- Wrist strap
- Tripod thread



## Products overview:

Overview:  
Cross line lasers



Technical data	BD5A	BD6A	BD7A	BD8A
Article number	3.510.205.151	3.510.205.159	3.510.205.152	3.510.205.166
Display	Multifunction LED	Multifunction LED	2 status LEDs (red/green)	Display
Range auto-leveling	±4°	3.5° ±1°	±3°	3.5° ±1°
Range (Line laser)	10 m	10 m	10 m	30 m
Accuracy	±0.8 mm/m (at 0°), ±1 mm/m (at ≤4°)	±3 mm / 10 m (at 0°)	±0.8 mm/m (at 0°) ±1 mm/m (at ≤3°)	±1.5 mm / 5 m (at 0°) α >10° ±0.5° / α <10° ±0.2°
Laser class	2	2	2	2
Laser output	1 mW	<1 mW	1 mW	<1 mW
Laser wavelength	650 nm	635 nm	650 nm	515 nm
Type of protection	IP40	IP54	IP40	IP54
Power supply	2 x 1.5 V, AA	2 x 1.5 V, AA	1 x 3.7 V Li-ion battery integrated	2 x 3.7 V Li-ion battery 18650
Dimensions	83 mm x 60 mm x 72 mm	71 mm x 62 mm x 91 mm	112 mm x 55 mm x 55 mm	105 mm x 132 mm x 130 mm
Weight	275 g	274 g	280 g	617 g
Functions	BD5A	BD6A	BD7A	BD8A
MultiMeasure Mobile App necessary	–	–	–	–
MultiMeasure Mobile App compatible	–	–	–	–
Cardanic automatic levelling	■	■	■	■
Projection of horizontal single line	–	–	–	–
Projection of cross and single lines (horizontal & vertical)	■	■	–	–
Projection of individual or cross lines (360° horizontal, 90° vertical)	–	–	■	–
Projection of individual or cross lines (2 x 360° horizontal, 2 x 90° vertical)	–	–	–	■
Laser locking function (transport protection) and tilt adjustment	■	■	■	■
Optical warning outside the automatic levelling range	–	■	■	■
Signal tone	–	–	–	■
Backlit display	–	–	–	■
¼ inch tripod thread	■	■	■	■
Automatic switch-off	–	–	–	–
Battery status indication	–	–	–	■
Recharge battery status indicaton	–	–	–	■
Scope of delivery	BD5A	BD6A	BD7A	BD8A
Battery(-ies)	–	–	–	–
Li-Ion battery (integrated)	–	–	■	–
Li-Ion battery 18650	–	–	–	■
Multi-functional support arm	■	■	■	–
Mini tripod with spirit level	–	–	–	■
Tripod mounting plate	–	–	–	■
Multifunctional magnetic mount with spirit level	–	–	–	■
Trapeze	–	–	–	■
Micro-USB cable	–	–	■	–
USB-C cable	–	–	–	■
Charger (USB 5 V, 1 A)	–	–	■	–
Transport case	–	–	–	■
Optional accessories	BD5A	BD6A	BD7A	BD8A
Universal tripod	6.300.000.200	6.300.000.200	6.300.000.200	6.300.000.200
Combination bracket with universal clamp	6.300.000.201	6.300.000.201	6.300.000.201	6.300.000.201
USB power adapter	–	–	6.300.000.003	6.300.000.003



# Measuring tools

## Products overview:

Overview:

**Laser spirit level**

**Laser distance meters**



Technical data	BD1L	BD8M	BD11	BD16
Article number	3.510.205.148	3.510.205.157	3.510.205.153	3.510.205.154
Display	Display	Display	Display	Display
Measured values	m, in, ft	m, in, ft	m, in, ft	m, in, ft
Inclination measurement	–	–	–	–
Range (Distance laser)	0.20 m up to 20 m / 0.66 ft up to 65.60 ft	0.05 m up to 40 m / 0.16 ft up to 131 ft	0.05 m up to 30 m / 0.17 ft up to 98 ft	0.05 m up to 40 m / 0.16 ft up to 131 ft
Range (Line laser)	10 m	10 m	–	–
Range (Measuring tape)	–	0.001 m up to 5 m	–	–
Accuracy	±3.0 mm/m (at 0°)	–	–	–
Laser class	2	2	2	2
Laser output	<1 mW	1 mW	1 mW	1 mW
Laser wavelength	630 - 670 nm	–	–	–
Recall of previous measurements	–	20	10	10
Type of protection	–	–	IP54	IP54
Power supply	1 x 3.7 V Li-ion battery integrated	2 x 1.5 V, AAA	1 x 3.7 V Li-ion battery integrated	2 x 1.5 V, AA
Dimensions	229 mm x 19 mm x 48 mm	85 mm x 56 mm x 82 mm	75 mm x 34 mm x 15 mm	124 mm x 41 mm x 23 mm
Weight	217 g	290 g	24 g	118 g
Functions	BD1L	BD8M	BD11	BD16
MultiMeasure Mobile App necessary	–	–	–	–
MultiMeasure Mobile App compatible	–	–	–	–
Minimum value display	–	■	■	■
Maximum value display	–	■	■	■
Non-stop measuring function	■	■	■	■
Projection of horizontal single line	■	–	–	–
Projection of cross lines	–	■	–	–
Measuring tape	–	■	–	–
Pythagoras function	–	■	■	■
Indirect measurement as per Pythagoras' theorem	–	–	–	–
Indirect measuring using tilt sensor	–	–	–	–
Area measurement	■	■	■	■
Volume measurement	■	■	■	■
Addition	–	■	■	■
Subtraction	–	■	■	■
Multifunctional end piece	–	–	–	–
Magnetic holder	■	–	–	–
Integrated spirit level bubble	■	–	–	■
Electronic spirit level	–	–	–	–
Distancetracking	–	–	–	–
Timer	–	–	–	–
Signal tone	–	■	–	■
Backlit display	■	■	■	■
¼ inch tripod thread	–	–	–	–
Automatic switch-off	■	■	■	■
Battery status indication	–	■	–	■
Recharge battery status indicaton	■	–	■	–
Scope of delivery	BD1L	BD8M	BD11	BD16
Battery(-ies)	–	–	–	–
Li-Ion battery (integrated)	■	–	■	–
Multi-functional support arm	–	–	–	–
Micro-USB cable	–	–	■	–
USB-C cable	■	–	–	–
Belt clip	–	■	–	■
Bag/Holster	–	–	–	–
Wrist strap	–	■	■	■
Optional accessories	BD1L	BD8M	BD11	BD16
Universal tripod	–	–	–	–
Combination bracket with universal clamp	–	–	–	–
USB power adapter	6.300.000.003	–	6.300.000.003	–

Overview:  
Laser distance meters



Technical data	BD21	BD22	BD26
Article number	3.510.205.156	3.510.205.158	3.510.205.161
Display	Display	Display	Display
Measured values	m, in, ft	m, in, ft	m, in, ft
Inclination measurement	90° (-45° up to 45°)	–	90° (-45° up to 45°)
Range (Distance laser)	0.05 m up to 70 m / 0.16 ft up to 230 ft	0.05 m up to 50 m / 0.16 ft up to 164 ft	0.05 m up to 120 m / 0.16 ft up to 394 ft
Range (Line laser)	–	–	–
Range (Measuring tape)	–	–	–
Accuracy	–	–	–
Laser class	2	2	2
Laser output	1 mW	1 mW	1 mW
Laser wavelength	–	–	–
Recall of previous measurements	10	50	10
Type of protection	IP54	–	IP54
Power supply	2 x 1.5 V, AA	2 x 1.5 V, AAA	2 x 1.5 V, AA
Dimensions	118 mm x 49 mm x 27 mm	130 mm x 51 mm x 28 mm	118 mm x 49 mm x 27 mm
Weight	150 g	128 g	150 g
Functions	BD21	BD22	BD26
MultiMeasure Mobile App necessary	–	–	–
MultiMeasure Mobile App compatible	–	–	–
Minimum value display	■	■	■
Maximum value display	■	■	■
Non-stop measuring function	■	■	■
Projection of horizontal single line	–	–	–
Projection of cross lines	–	–	–
Measuring tape	–	–	–
Pythagoras function	■	■	■
Indirect measurement as per Pythagoras' theorem	■	■	■
Indirect measuring using tilt sensor	■	–	■
Area measurement	■	■	■
Volume measurement	■	■	■
Addition	■	■	■
Subtraction	■	■	■
Multifunctional end piece	■	–	■
Magnetic holder	–	–	–
Integrated spirit level bubble	–	■	–
Electronic spirit level	■	–	■
Distancetracking	■	–	■
Timer	■	–	■
Signal tone	■	■	■
Backlit display	■	■	■
¼ inch tripod thread	■	–	■
Automatic switch-off	■	■	■
Battery status indication	■	■	■
Recharge battery status indicaton	–	–	–
Scope of delivery	BD21	BD22	BD26
Battery(-ies)	–	–	–
Li-Ion battery (integrated)	–	–	–
Multi-functional support arm	–	–	–
Micro-USB cable	–	–	–
USB-C cable	–	–	–
Belt clip	–	–	–
Bag/Holster	■	–	■
Wrist strap	■	–	■
Optional accessories	BD21	BD22	BD26
Universal tripod	6.300.000.200	–	6.300.000.200
Combination bracket with universal clamp	6.300.000.201	–	6.300.000.201
USB power adapter	–	–	–



### BI15 Wallscanner

- Simple detection of live cables, wood or metal in walls and floors
- Adjustable laser levelling assistance
- With integrated bulls eye level and spirit level for exact alignment
- Adjustment wheels for compensating for uneven surfaces
- Detection depth up to 38 mm
- Audiovisual alarm upon detection of alternating current
- Laser installation assistance up to 6 meter range
- Material calibration when switched on
- Simple operation
- Battery status indication

### Technical data

Article number	3.510.205.140
Detection depth for metal and live cables	max. 38 mm
Detection depth for wood	max. 19 mm
Laser rotation	180° in steps of 45°
Laser accuracy	12.7 mm at 6.1 m
Laser range	max. 6.1 m
Functions	Metal and wood measuring modes, Selectable levelling laser, Audiovisual alarm upon detection of alternating current, Signal tone for detection of edges, Calibration function, Battery status indication
Power supply	1 x 9 V block battery
Dimensions	180 mm x 38 mm x 67 mm
Scope of delivery	Measuring device, Operating manual
Weight	180 g



### BI20 Wallscanner

- Development, design, production: 100 % Trotec
- Simple detection of live (AC) cables, wood or metal in walls and floors
- Detection depth up to 50 mm
- Audiovisual alarm upon detection of alternating current
- Simple handling via one button
- Battery status indication
- Automatic switch-off
- Practice-optimized German industrial design – protected design patent

### Technical data

Article number	3.510.205.141
Detection depth for metal and live cables	max. 50 mm
Detection depth for wood	max. 25.4 mm
Functions	Measuring modes: Metal, wood, power cables (AC), Automatic switch-off, Visual signal transmitter, Acoustic signal transmitter, Battery status indication
Power supply	1 x 9 V block battery
Dimensions	168 mm x 35 mm x 75 mm
Scope of delivery	Measuring device, Operating manual
Weight	210 g



**Our success:  
climate neutral by 2023**

**TROTEC**



### **WE'RE PLANNING GREAT THINGS.**

Working in a modern, spacious and, above all, sustainable environment? The Trotec logistics and production hall sets standards. It is a strong statement in favour of Heinsberg as a business location and is an impressive continuation of Trotec's successful and dynamic expansion trajectory.

The 12-hectare site in the immediate vicinity of the Oberbruch industrial park is home to high-bay warehouses, production halls, office spaces and state-of-the-art IT infrastructure. The numerous loading gates enable almost simultaneous loading and unloading. Enough space for Trotec's constantly growing product range, for dedicated employees and, above all, for innovative ideas.

#### **Sustainability is one of our top priorities.**

Sustainability is also of utmost importance. The roof surface of 50,000 m<sup>2</sup> will be equipped with solar collectors. The natural energy produced in this way will suffice to supply a number of approx. 2,000 households in the surrounding area in the future. Of course the logistics centre itself will also be supplied by the electricity produced. Sustainability is a top priority at Trotec - we supply ourselves and others. This conscientious commitment is certified and subsidised by the European Union. Moreover, the design of our new logistics and production centre ensures that your working environment will be ergonomic and flooded with daylight. Modern industrial trucks as well as hardware and software solutions of the latest generation will make the employees' daily work routine even more efficient and reduce physical strains. On the whole, this promises to be the ideal environment for contemporary working and joint success.

#### **Our success: Climate neutral by 2023**

With the logistics and production centre, Trotec achieved its goal of being climate-neutral as early as of 2023. Fossil energy is avoided 100 per cent in the cooling and heating of the premises. Instead, energy-saving heat pumps ensure sustainable and resource-saving air conditioning of the building. CO<sub>2</sub> emissions in production and logistics are minimised and the ecological footprint is significantly reduced. However, this is just the beginning in terms of driving sustainability forward. For all future projects both in Germany and abroad, a sustainability strategy with high standards will be developed. What has begun in Heinsberg will then be implemented in all Trotec subsidiaries worldwide.

#### **Charging stations for electric vehicles**

In the years to come, Trotec's vehicle fleet will be increasingly electrified. Whether for employees, customers, technicians or suppliers - charging stations on the company premises will support the mobility transition in the region.

#### **Remanufacturing of returned goods**

Trotec also focuses on sustainability when it comes to waste prevention. Returned items from our online mail order trade are thoroughly checked by us and in the majority of cases are refurbished. The products that are made fit for sale again in this way are sold in our stationary Trotec STORE & OUTLET or online in the OUTLET-Shop. This saves valuable raw materials, CO<sub>2</sub> and resources. Products that can no longer be resold are disassembled and supplied to the recycling loop.



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## Trotec GmbH

Grebbener Straße 7  
52525 Heinsberg  
Germany

Phone +49 2452 962-450  
online-en@trotec.com  
en.trotec.com/shop

### **Trust in a strong brand - also with power tools.**

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Low budget and high performance - perfectly fused, that is tool-brand quality of Trotec.