

PRESSES



WPP 15 T - Hydraulic bench-top workshop press with hand pump and movable cylinder

- ▶ For all repair and assembly work, e.g.: Alignment of axles, carriers, shafts, etc.; pressing out and pressing in of bearings, bolts and bushes; pressing and crimping work; load tests and welding sample tests and much more.
- ▶ Sturdy welded construction
- ▶ Robust frame with perforations for adjusting the work table
- ▶ Reliable, highly precise hydraulics manufactured in Europe
- ▶ Pressure build-up manually by actuating the pump lever
- ▶ With automatic return of the piston
- ▶ With chrome-plated cylinder pistons
- ▶ Pressing pressure readable via pressure gauge
- ▶ With safety valve to protect against overload
- ▶ Including 2-part prism set for inserting round material
- ▶ To process flat material and press in bearings, bolts and similar items, it is essential to use the optional perforated plates.

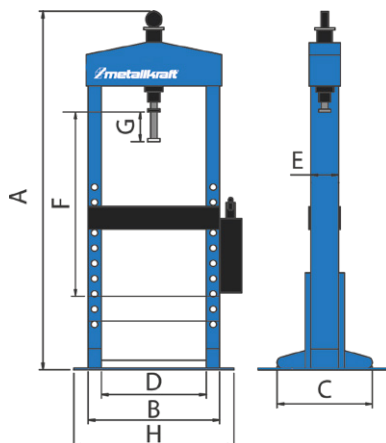


Scope of delivery:

- › 2-piece prism set for inserting round material

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Model	WPP 15 T
Art. no.	4001115
Technical data	
Power	15 t
Piston travel	340 mm
Prism jaw load max.	3.5 t
Weight approx.	105 kg
Dimensions approx.	
A - height	1350 mm
B - Width without pump	690 mm
C - Depth	500 mm
D - Clear width	550 mm
E - Depth perforated frame	150 mm
F - Clear height	550 mm
G - Piston stroke	160 mm
H - Width with pump	900 mm



Optional perforated plates must be used for processing flat material, pressing in bearings, bolts and the like 4104005



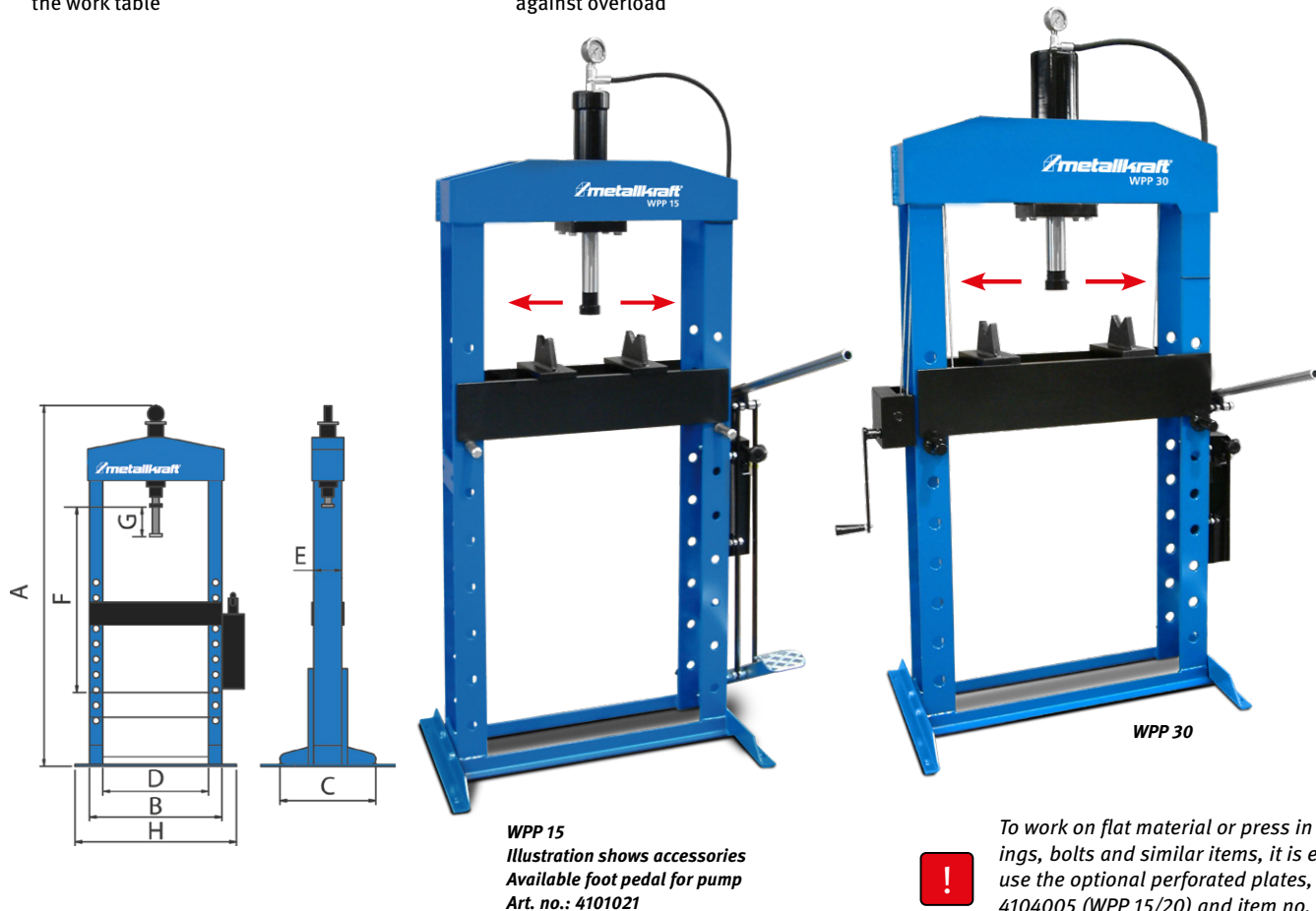
6-part pressure mandrel set with perforated plate
Ø 29, 24, 18, 14, 10, 5 mm

Accessories

6-piece pressure mandrel set with perforated plate
Perforated plate

WPP - Hydraulic top workshop press with hand pump and movable cylinder

- ▶ For all repair and assembly work, e.g.: Alignment of axles, carriers, shafts, etc.; pressing out and pressing in of bearings, bolts and bushes; pressing and crimping work; load tests and welding sample tests and much more.
- ▶ Sturdy welded construction
- ▶ Robust frame with perforations for adjusting the work table
- ▶ Reliable, highly precise hydraulics manufactured in Europe
- ▶ Pressure build-up manually by actuating the pump lever
- ▶ Automatic return of the piston
- ▶ Chrome-plated cylinder pistons
- ▶ Pressing pressure readable via pressure gauge
- ▶ Safety valve for protection against overload
- ▶ Including 2-part prism set for inserting round material
- ▶ To process flat material and press in bearings, bolts and similar items, it is essential to use the optional perforated plates.



WPP 15
Illustration shows accessories
Available foot pedal for pump
Art. no.: 4101021

WPP 30



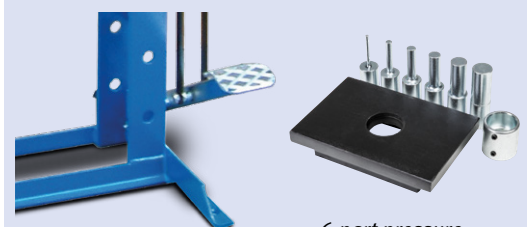
To work on flat material or press in bearings, bolts and similar items, it is essential to use the optional perforated plates, item no. 4104005 (WPP 15/20) and item no. 4104003 (WPP 30).

Scope of delivery:

- › 2-piece prism set for inserting round material
- › Winch for raising and lowering the table (for WPP 30)

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Model	WPP 15	WPP 20	WPP 30
Art. no.	4001015	4001020	4001030
Technical data			
Power	15 t	20 t	30 t
Piston travel	340 mm	380 mm	450 mm
Prism jaw load max.	3.5 t	5 t	7.5 t
Weight approx.	120 kg	140 kg	230 kg
Dimensions approx.			
A - height	1890 mm	1900 mm	1980 mm
B - Width without pump	620 mm	770 mm	890 mm
C - Depth	600 mm	600 mm	600 mm
D - Clear width	500 mm	610 mm	710 mm
E - Depth perforated frame	150 mm	150 mm	150 mm
F - Clear height	1000 mm	1000 mm	1000 mm
G - Piston stroke	160 mm	160 mm	160 mm
H - Width with pump	900 mm	950 mm	1150 mm



Accessories retrofit kit
Foot pedal for pump

6-part pressure
mandrel set with
perforated plate
Ø 29, 24, 18, 14, 10,
5 mm

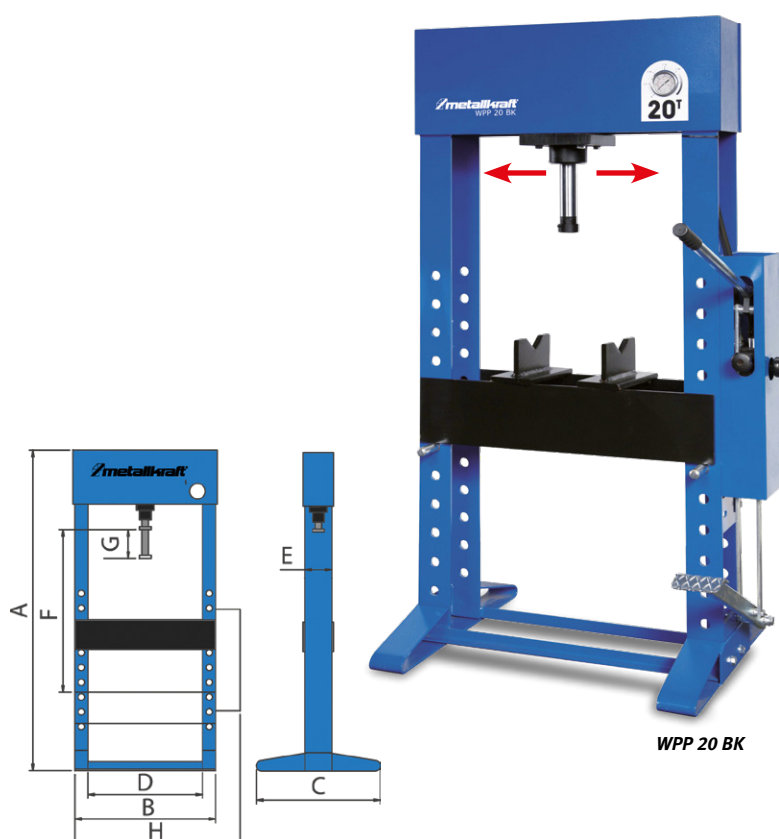
Accessories	Art. no.
6-piece pressure mandrel set with perforated plate for WPP 15	4101115
for WPP 20	4101020
for WPP 30	4101030
Perforated plate	
for WPP 15 and WPP 20	4104005
for WPP 30	4104003
Retrofit kit foot pedal for pump without mounting for WPP 15 and WPP 20	4101021

WPP BK - Hydraulic workshop presses with hand and foot pump and movable cylinder

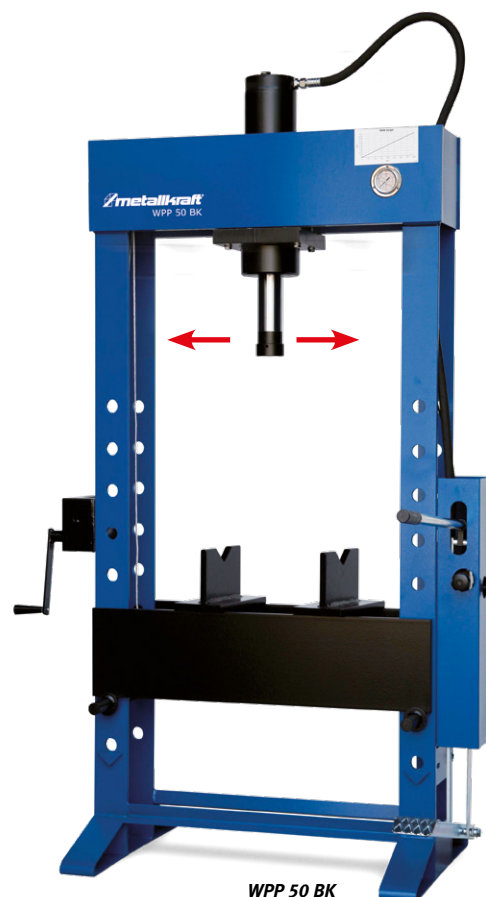
- ▶ For all repair and installation work, e.g.:
Aligning axles, beams, shafts, etc.; pressing out and pressing in bearings, bolts and bushings; pressing and crimping work; load tests and weld sample tests; and much more.
- ▶ Sturdy welded construction
- ▶ Robust frame with perforations for adjusting the work table
- ▶ Reliable, highly precise hydraulics
- ▶ manufactured in Europe
- ▶ Pressure build-up by hand or foot operation of the pump lever
- ▶ Foot pump leaves both hands free for fixing the workpiece
- ▶ Pressing pressure readable via pressure gauge
- ▶ With automatic return of the piston
- ▶ With safety valve to protect against overload

WPP 30 BK, WPP 50 BK

- ▶ Winch for raising and lowering the table



WPP 20 BK



WPP 50 BK

Scope of delivery:

- › 2-piece prism set for inserting round material
- › Hand and foot lever
- › Winch for raising and lowering the table (for WPP 30 BK, WPP 50 BK)



To process flat material and press in bearings, bolts and similar items, it is essential to use the optional perforated plates.

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Model	WPP 20 BK	WPP 30 BK	WPP 50 BK
Art. no.	4002020	4002030	4002050
Technical data			
Power	20 t	30 t	50 t
Piston travel	450 mm	550 mm	500 mm
Prism jaw load max.	5 t	7.5 t	12.5 t
Weight approx.	210 kg	280 kg	360 kg
Dimensions approx.			
A - height	1750 mm	1920 mm	2000 mm
B - Width without pump	870 mm	990 mm	990 mm
C - Depth	650 mm	650 mm	650 mm
D - Clear width	690 mm	790 mm	790 mm
E - Depth perforated frame	180 mm	200 mm	210 mm
F - Clear height	950 mm	1030 mm	1000 mm
G - Piston stroke	160 mm	160 mm	150 mm
H - Width with pump	1010 mm	1240 mm	1400 mm



6-part pressure mandrel set with perforated plate
Ø 29, 24, 18, 14, 10, 5 mm

Accessories	Art. no.
6-piece pressure mandrel set with perforated plate	
for WPP 20 BK	4102020
for WPP 30 BK	4102030
for WPP 50 BK	4102050
Perforated plate	
for WPP 20 BK	4104002
for WPP 30 BK	4104003
for WPP 50 BK	4104004

WPP 50 M - Hydraulic top workshop press with electric pump and double-acting cylinder

- For all repair and assembly work, e.g.: Aligning axles, beams, shafts, etc.; pressing out and pressing in bearings, bolts and bushings; pressing and crimping work; load tests and weld sample tests; and much more.
- Sturdy welded construction
- Robust frame with perforations for height adjustment of the press table
- With automatic switchover from accelerated idling speed to slower working speed of the cylinder
- Reliable, particularly precise hydraulics from European production
- With safety valve to protect against overload

► Pressing pressure readable via pressure gauge

► Fitted with double-acting cylinder

- Including 2-part prism set for inserting round material
- To process flat material and press in bearings, bolts and similar items, it is essential to use the optional perforated plates.

Convince yourself of our capabilities and ask for individual advice!

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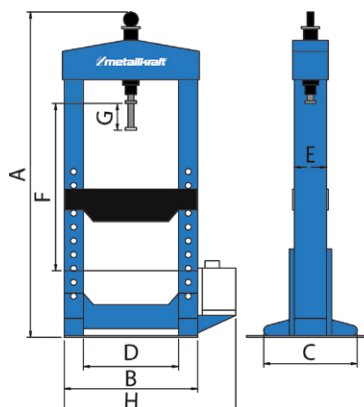


Scope of delivery:

- › 2-piece prism set for inserting round material
- › Hand lever
- › Winch for raising and lowering the table
- › Steel chain for table height adjustment

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Model	WPP 50 M
Art. no.	4003050
Technical data	
Power	50 t
Prism jaw load max.	12.5 t
Feed rate slow	1.5 mm/sec.
Fast feed rate	10 mm/sec.
Motor power ~50 Hz	1.5 kW / 400 V
Weight approx.	420 kg
Dimensions approx.	
A- height	2290 mm
B - Width without pump	985 mm
C- Depth	650 mm
D - Clear width	790 mm
E - Depth perforated frame	210 mm
F- Clear height	1050 mm
G - Piston stroke	250 mm
H- Width with pump	1350 mm



6-piece pressure mandrel set Ø
29, 24, 18, 14, 10, 5 mm

Accessories	Art. no.
6-piece pressure mandrel set with perforated plate	4103050
Perforated plate	4104004

WPP HBK - Heavy-duty, hydraulic workshop presses with moving cylinder and two piston feed speeds

- ▶ Suitable for assembly and straightening work as well as for workpiece testing or pressing bearings and other components in and out
- ▶ Ideal for technical workshops, repair shops and technical training centres
- ▶ With two piston feed speeds and pressure regulation by means of a throttle screw
- ▶ Pressure gauge for pressure display
- ▶ Heavy machine frame welded from steel profiles to absorb the pressure force of the cylinder
- ▶ The hydraulics work extremely precisely in both electric and manual mode
- ▶ Adjustment of the cylinder via toothed rack on handwheel
- ▶ Heavy and robust welded construction
- ▶ Increased stability due to improved design of the machine base
- ▶ Cylinder adjustment via handle and handwheel



WPP 60 HBK

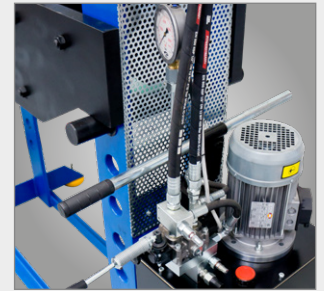


WPP 100 HBK
Illustration shows accessory prism block set
(Art. No.: 4103160)

Model	WPP 60 HBK	WPP 100 HBK	WPP 100 HBK D 1500	WPP 160 HBK	WPP 160 HBK D 1500
Art. no.	4013060	4013100	4013101	4013160	4013161
Technical data					
Power	60 t	100 t	100 t	160 t	160 t
Pressing speed	1.5 mm/s	1.5 mm/s	1.5 mm/s	1.5 mm/s	1.5 mm/s
Feed speed	10 mm/s	10 mm/s	10 mm/s	10 mm/s	10 mm/s
Motor power ~50 Hz	1.5 kW / 400 V	1.5 kW / 400 V	1.5 kW / 400 V	1.5 kW / 400 V	1.5 kW / 400 V
Weight approx.	570 kg	1205 kg	1700 kg	1780 kg	2130 kg
Dimensions approx.					
A - height	2290 mm	2280 mm	2280 mm	2450 mm	2450 mm
B - Width without pump	990 mm	1290 mm	1790 mm	1320 mm	1820 mm
C - Depth	650 mm	850 mm	850 mm	1000 mm	1000 mm
D - Clear width	790 mm	1030 mm	1530 mm	1020 mm	1520 mm
E - Depth perforated frame	180 mm	265 mm	265 mm	300 mm	300 mm
F - Clear height	1000 mm	1000 mm	1000 mm	1020 mm	1020 mm
G - Piston stroke	300 mm	320 mm	320 mm	400 mm	400 mm
H - Width with pump	1350 mm	1600 mm	2100 mm	1950 mm	2450 mm
I - Piston travel	450 mm	550 mm	1000 mm	550 mm	950 mm



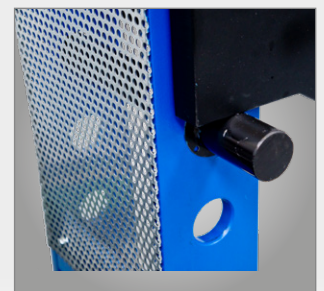
WPP 160 HBK
Illustration shows accessory prism
block set (Art. No.: 4103160)



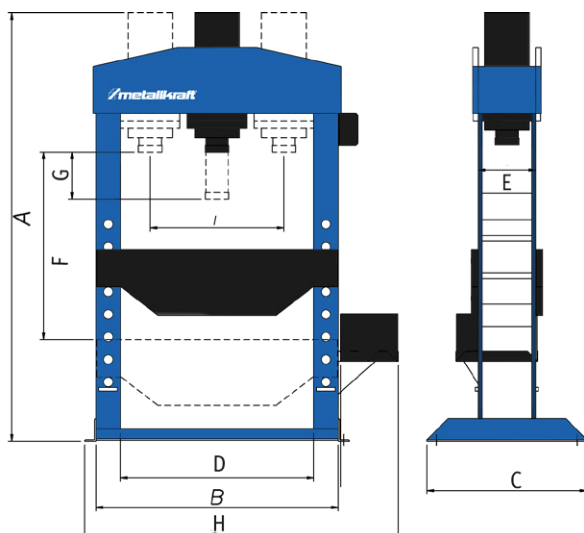
Convenient and clear operation
of the hydraulic unit



Quick and easy adjustment
of the cylinder via rack and
pinion and handwheel



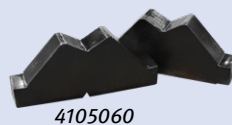
Simple table height
adjustment using the hydraulic
cylinder and fastening bolt



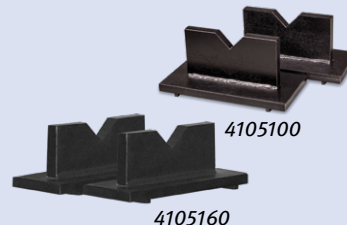
4107100



4107160



4105060



4105160

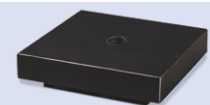


Fig.: Perforated plate

Accessories	Art. no.
Perforated plate	
60 t for WPP 60	4106060
Perforated plate 100 t for WPP 100	4106100
Perforated plate 160 t for WPP 160	4106160
Pressure mandrel set	Art. no.
for WPP 60	4107060
for WPP 100	4107100
for WPP 160	4107160

Prism block set*	Art. no.
* Set contains 2 prism blocks	
WPP 60 HBK can be loaded with 30 tonnes per block	
WPP 100 HBK can be loaded with 50 tonnes per block	
WPP 160 HBK can be loaded with 80 tonnes per block	
WPP 200 HBK can be loaded with 30 tonnes per block	
for WPP 60 HBK	4105060
for WPP 100 HBK	4105100
for WPP 160 HBK	4105160

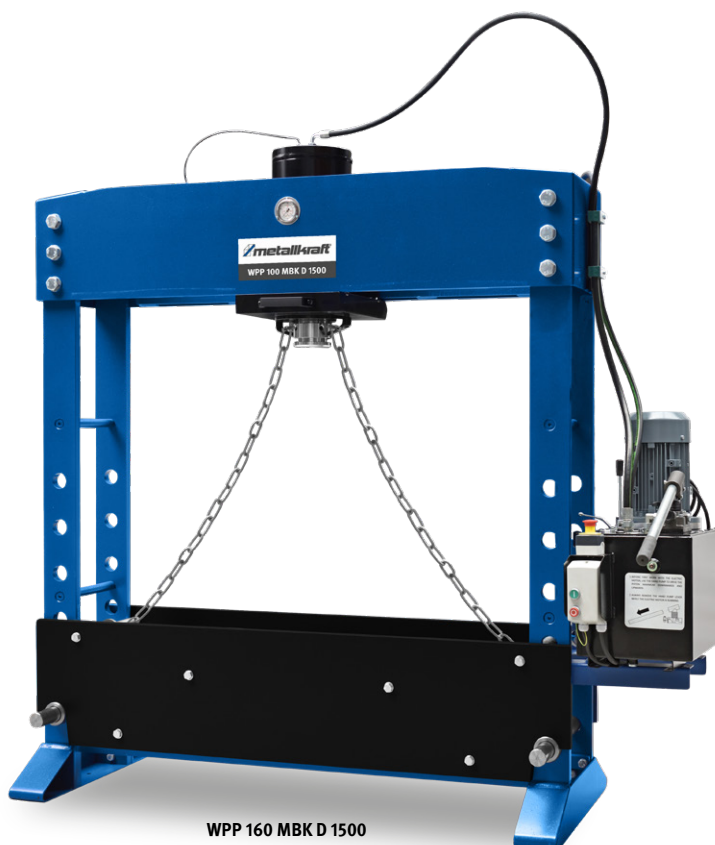
WPP MBK series –

Hydraulic workshop press ideal for general assembly and straightening work

- ▶ Perfectly suited for pressing, bending, straightening and workpiece testing
- ▶ All WPP MBK models are equipped with a movable cylinder
- ▶ Robust frame with perforated grid for height adjustment of the worktable
- ▶ Joystick control of the piston and a hand pump for precision work
- ▶ Hydraulic unit with two speeds
- ▶ Pressing pressure readable via pressure gauge
- ▶ Manual pressure control via a rotary knob



WPP 60 MBK



WPP 160 MBK D 1500

Scope of delivery:

- › Delivery with hydraulic oil

Model		WPP 60 MBK	WPP 100 MBK	WPP100 MBK D 1500	WPP 160 MBK	WPP 160 MBK D 1500	WPP 200 MBK
Art. no.		4031060	4031100	4031105	4031160	4031165	4031200
Technical data							
Pressing force	t	60	100	100	160	160	200
Piston stroke	mm	380	380	380	400	400	400
Forward speed	mm/s	9.5	9.8	9.8	7.48	7.48	6
Pressing speed	mm/s	2.87	2.54	2.54	2.40	2.40	1.20
Return speed	mm/s	12	12	12	9.35	9.35	7.43
Clearance height min. - max.	mm	197 – 947	180 – 930	130 – 880	180 – 930	180 – 930	180 – 930
Clearance width	mm	750	1100	1500	1100	1500	1300
Piston adapter diameter	mm	100	120	120	160	160	175
Piston diameter	mm	75	90	90	125	125	140
Cylinder diameter	mm	170	220	220	280	280	320
Drive motor power	kW	2.2	3	3	3	3	3
Electrical connection ~50 Hz	V	400	400	400	400	400	400
Dimensions (L x W x H) approx.	mm	1315 x 805 x 2120	1665 x 865 x 2140	2065 x 865 x 2080	1725 x 935 x 2200	2125 x 935 x 2270	1925 x 975 x 2270
Weight approx.	kg	540	970	1145	1195	1430	1690

RP 15 – Hydraulic broaching press developed for precision machining tasks

- ▶ Specially developed for linear broaching suitable for almost any metal alloy
- ▶ Equipped with a fixed cylinder
- ▶ Robust frame with perforated grid for height adjustment of the worktable
- ▶ Protective grid on the front and rear and a locking mechanism ensure safe operation
- ▶ Joystick control of the piston
- ▶ Speed controller for fine adjustment of the cylinder speed
- ▶ Working pressure readable via pressure gauge
- ▶ Manual pressure control via a rotary knob

Model		RP 15
Art. no.		4032015
Technical data		
Pressing force	t	15
Piston stroke	mm	600
Forward speed	mm/s	0 – 30
Pressing speed	mm/s	0 – 30
Return speed	mm/s	0 – 40
Clearance height min. - max.	mm	112 – 1012
Clearance width	mm	650
Piston adapter diameter	mm	80
Piston diameter	mm	50
Cylinder diameter	mm	90
Drive motor power	kW	5.5
Electrical connection ~50 Hz	V	400
Dimensions (L x W x H) approx.	mm	1265 x 720 x 2300
Weight approx.	kg	305



Scope of delivery:
› Delivery with hydraulic oil

PP BK series – Hydraulic portal press suitable for handling large / heavy material

- ▶ Ideal for straightening large sheets and heavy constructions
- ▶ Equipped with manually movable portal and cylinder
- ▶ Joystick control of the piston and a hand pump for precision work
- ▶ Pressing pressure readable via pressure gauge
- ▶ Manual pressure control via a rotary knob
- ▶ Hydraulic unit with two speeds and automatic high-speed cut-off

Model		PP 100 BK	PP 100 BK D 1500	PP 160 BK	PP 160 BK D 1500
Art. no.		4041100	4041105	4041160	4041165
Technical data					
Pressing force	t	100	100	160	160
Piston stroke	mm	380	380	400	400
Forward speed	mm/s	9.8	9.8	7.48	7.48
Pressing speed	mm/s	2.54	2.54	2.40	2.40
Return speed	mm/s	12	12	9.35	9.35
Worktable height	mm	720	720	760	760
Worktable length	mm	1740	1740	1740	1740
Worktable width	mm	996	1396	996	1396
Max. clearance height	mm	700	700	700	700
Light width	mm	1100	1500	1100	1500
Piston adapter diameter	mm	120	120	160	160
Piston diameter	mm	90	90	125	125
Cylinder diameter	mm	220	220	280	280
Drive motor power	kW	3	3	3	3
Electrical connection ~50 Hz	V	400	400	400	400
Dimensions (L x W x H) approx.	mm	1740 x 1670 x 2035	1740 x 2070 x 2045	1740 x 1725 x 2105	1740 x 2125 x 2115
Weight approx.	kg	1685	1950	2265	2600



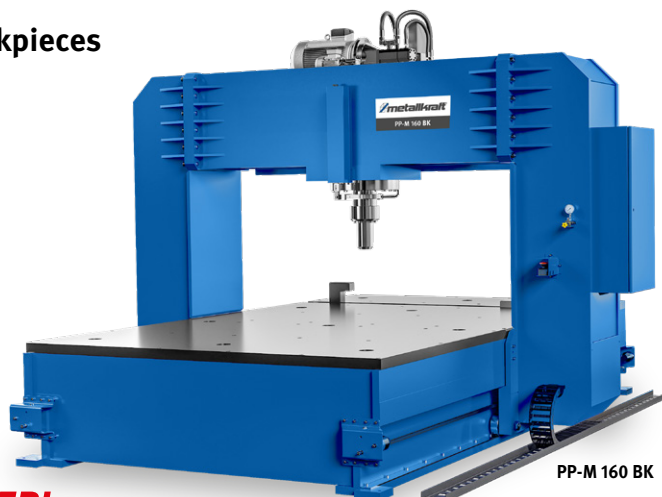
PP 100 BK

Scope of delivery:
› Delivery with hydraulic oil

PP-M BK series -

Motorised portal presses, for processing large workpieces

- ▶ Ideal for straightening large sheets and heavy structures
- ▶ Motorised movable frame and cylinder
- ▶ NC control for setting the pressure, piston stroke and holding time
- ▶ Up to 100 different work cycles can be saved
- ▶ Hydraulic unit with two speeds and automatic high-speed cut-off
- ▶ Pressing pressure readable via pressure gauge



PP-M 160 BK

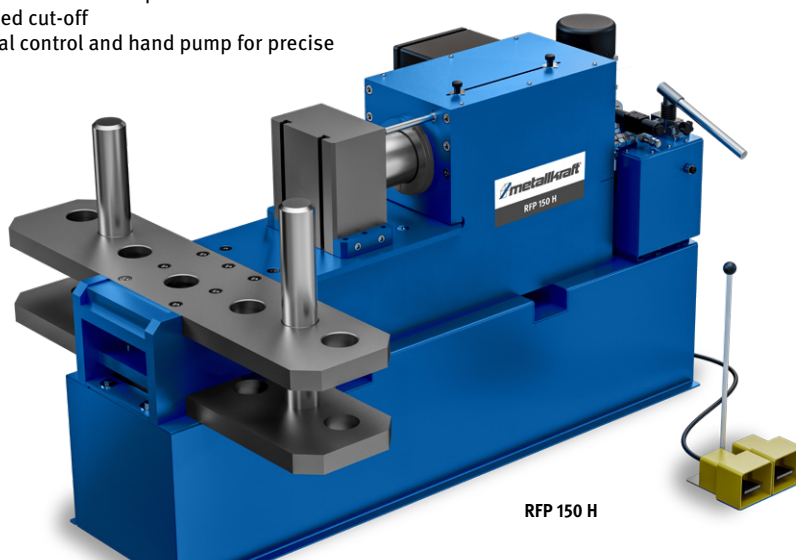
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Model		PP-M 160 BK	PP-M 220 BK	PP-M 300 BK
Art. no.		4042160	4042220	4042300
Technical data				
Pressing force	t	160	220	300
Piston stroke	mm	460	460	460
Forward speed	mm/s	9.9	9	9
Pressing speed	mm/s	3	3	3
Return speed	mm/s	15.4	16.2	14.7
Work table (L x W x H)	mm	3000x700x1800	3500x800x2000	4000x800x2500
Max. clearance height	mm	850	850	850
Light width	mm	1850	2050	2550
Drive motor power	kW	4	5.5	7.5
Electrical connection ~50 Hz	V	400	400	400
Dimensions (L x W x H) approx.	mm	3500x2800x2700	4000x3200x3100	4500x3900x3300
Weight approx.	kg	8700	12000	16000

RFP H series - Hydraulic straightening and moulding presses

developed for straightening and bending large profiles, bars and beams

- ▶ Horizontal design for easy handling of large workpieces
- ▶ Support pins for additional stability
- ▶ Main table with lateral guides for perfect alignment
- ▶ Limit switch for precise regulation of the cylinder stroke
- ▶ Pressing pressure readable via pressure gauge
- ▶ Hydraulic unit with two speeds and automatic high-speed cut-off
- ▶ Foot pedal control and hand pump for precise work



RFP 150 H

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Model		RFP 100 H	RFP 150 H
Art. no.		4043100	4043150
Technical data			
Pressing force	t	100	150
Piston stroke	mm	380	380
Pressing speed	mm/s	2.54	2.4
Return speed	mm/s	12	9.35
Work table (L x W x H)	mm	350x800x300	400x800x400
Drive motor power	kW	3	4
Electrical connection ~50 Hz	V	400	400
Dimensions (L x W x H) approx.	mm	2040x1500x1200	2350x1600x1300
Weight approx.	kg	1980	3450

RP C series – Hydraulic presses for a wide range of applications

- Suitable for cutting, pressing, punching and embossing
- NC control for setting the piston stroke, pressure and holding time
- Work table equipped with T-slots and a central hole (punching waste can fall unhindered into the collection tray)
- Piston with a holder for clamping various tools
- Manual and automatic working mode
- Operation via foot pedal
- Pressing pressure readable via pressure gauge
- Manual pressure control via a rotary knob

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Model		RP C 28	RP C 50	RP C 100
Art. no.		4044028	4044050	4044100
Technical data				
Pressing force	t	28	50	100
Piston stroke	mm	150	150	260
Pressing speed	mm/s	2–9.1	2–9.6	1–7.6
Return speed	mm/s	13	13	12.5
Work table (L x W x H)	mm	325 x 1067 x 300	650 x 1086 x 490	780 x 1086 x 480
Max. clearance height	mm	280	325	450
Drive motor power	kW	4	5.5	7.5
Electrical connection ~50 Hz	V	400	400	400
Dimensions (L x W x H) approx.	mm	850 x 750 x 1980	1050 x 850 x 2100	1600 x 1500 x 2200
Weight approx.	kg	650	1400	2900



RP C 28

RP C 60 MT – Hydraulic press for a wide range of applications

- Suitable for general assembly and straightening work as well as workpiece testing
- Height-adjustable worktable
- Manual control of the piston
- Hydraulic unit with two speeds
- Pressing pressure readable via pressure gauge
- Manual pressure control via a rotary knob

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Model		RP C 60 MT
Art. no.		4044260
Technical data		
Pressing force	t	60
Piston stroke	mm	380
Forward speed	mm/s	9.5
Pressing speed	mm/s	2.87
Return speed	mm/s	12
Max. clearance height	mm	775
Drive motor power	kW	2.2
Electrical connection ~50 Hz	V	400
Dimensions (L x W x H) approx.	mm	1300 x 650 x 2100
Weight approx.	kg	1250



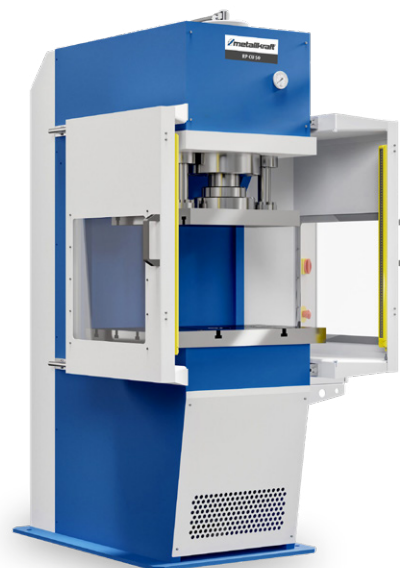
RP CU series – Hydraulic presses for a wide range of applications

- ▶ Particularly suitable for demanding work such as embossing, deep drawing and punching
- ▶ Can be integrated into automatic production lines
- ▶ Upper and lower table equipped with T-slots
- ▶ Lateral cylindrical guides on the top table guarantee parallelism
- ▶ NC control for setting the piston stroke, pressure and holding time
- ▶ Storage of up to 100 different work cycles
- ▶ Two side guards equipped with light barriers at the front
- ▶ Manual and automatic working mode
- ▶ Hydraulic unit with two speeds

- ▶ Operation via foot pedal
- ▶ Pressing pressure readable via pressure gauge
- ▶ Manual pressure control via a rotary knob

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Model		RP CU 50	RP CU 100	RP CU 150
Art. no.		4044305	4044310	4044315
Technical data				
Article no.		4044305	4044310	4044315
Pressing force	t	50	100	150
Piston stroke	mm	260	260	260
Forward speed	mm/s	40	30	20
Pressing speed	mm/s	9.6	6.4	4.3
Return speed	mm/s	67	53	26.7
Work table (L x W x H)	mm	700x450x875	780x480x875	850x600x875
Max. clearance height	mm	400	450	450
Plunger plate (L x W)	mm	500x280	700x400	720x460
Drive motor power	kW	5.5	7.5	7.5
Electrical connection ~50 Hz	V	400	400	400
Dimensions (L x W x H) approx.	mm	1500x1405x2100	1600x1500x2200	1800x1550x2300
Weight approx.	kg	2150	3400	4500



RP CU 50

RP CU HS series – Hydraulic presses for a wide range of applications

- ▶ Particularly suitable for demanding work such as embossing, deep drawing and punching
- ▶ Swivelling HMI control
- ▶ Can be integrated into automatic production lines
- ▶ Upper and lower table equipped with T-slots
- ▶ Lateral cylindrical guides on the top table guarantee parallelism
- ▶ NC control for setting the piston stroke, pressure and holding time
- ▶ Storage of up to 100 different work cycles
- ▶ Two side guards equipped with light barriers at the front
- ▶ Manual and automatic working mode
- ▶ Hydraulic unit with two speeds
- ▶ Operation via foot pedal
- ▶ Pressing pressure readable via pressure gauge

ASK FOR YOUR PERSONALISED OFFER!

Model		RP CU 50 HS	RP CU 100 HS	RP CU 150 H
Art. no.		4044405	4044410	4044415
Technical data				
Pressing force	t	50	100	150
Piston stroke	mm	400	400	400
Forward speed	mm/s	120	90	73
Pressing speed	mm/s	9.6	4.7	4.7
Return speed	mm/s	160	160	110
Work table (L x W x H)	mm	700x450x875	780x480x875	850x875x600
Max. clearance height	mm	450	600	600
Plunger plate (L x W)	mm	500x280	700x400	720x460
Drive motor power	kW	5.5	7.5	7.5
Electrical connection ~50 Hz	V	400	400	400
Dimensions (L x W x H) approx.	mm	1500x1405x2500	1700x1500x2730	2000x1800x2750
Weight approx.	kg	3000	4100	5100



RP CU 100 HS

VSP series – 4-column press for perfect parallelism for your pressing tasks

- ▶ Ideal for work such as cutting, embossing and punching
- ▶ NC control for setting the piston stroke, pressure, holding time and piston speed
- ▶ Upper and lower table equipped with T-slots and M12 threaded holes
- ▶ Work table with central hole for easy collection of punching waste
- ▶ Manual pressure control via a rotary knob
- ▶ Manual and semi-automatic working mode
- ▶ Hydraulic unit with two speeds
- ▶ Operation via foot pedal
- ▶ Pressing pressure readable via pressure gauge

ASK FOR YOUR PERSONALISED OFFER!

Model		VSP 50	VSP 80
Art. no.		4045050	4045080
Technical data			
Pressing force	t	50	80
Piston stroke	mm	350	350
Pressing speed	mm/s	2 – 9.8	2 – 9.8
Return speed	mm/s	12.8	12.8
Work table (L x W x H)	mm	560x270x990	650x350x990
Max. clearance height	mm	500	500
Drive motor power	kW	5.5	7.5
Electrical connection ~50 Hz	V	400	400
Dimensions (L x W x H) approx.	mm	750x1150x2450	870x1260x2470
Weight approx.	kg	1950	2700



VSP 50

PP series – Production presses ideal for punching and moulding

- ▶ Particularly suitable for demanding work such as embossing, deep drawing and punching
- ▶ Can be integrated into automatic production lines
- ▶ Upper and lower table equipped with T-slots
- ▶ Lateral cylindrical guides on the top table guarantee parallelism
- ▶ NC control for setting the piston stroke, pressure and holding time
- ▶ Storage of up to 100 different work cycles
- ▶ Manual and automatic working mode
- ▶ Manual pressure control via a rotary knob
- ▶ Hydraulic unit with two speeds and automatic high-speed cut-off
- ▶ Operation via foot pedal
- ▶ Light barriers on the front
- ▶ Pressing pressure readable via pressure gauge

ASK FOR YOUR PERSONALISED OFFER!

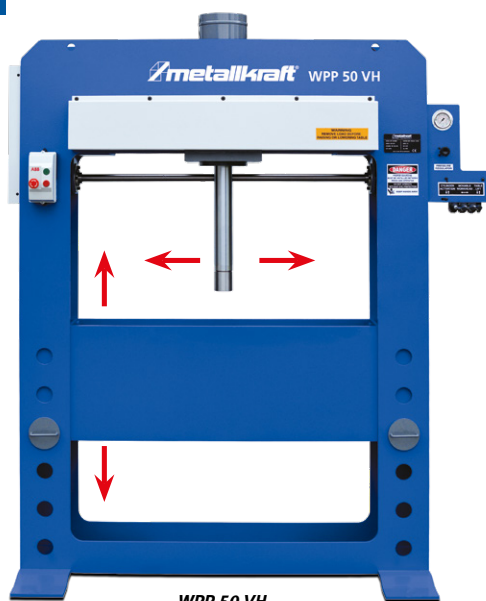
Model		PP 50	PP 100	PP 150
Art. no.		4046050	4046100	4046150
Technical data				
Pressing force	t	50	100	150
Piston stroke	mm	260	260	260
Forward speed	mm/s	40	30	20
Pressing speed	mm/s	9.6	6.4	4.3
Return speed	mm/s	67	53	26.7
Work table (L x W x H)	mm	700x450x875	780x480x875	850x600x875
Max. clearance height	mm	480	480	480
Light width	mm	700	850	920
Plunger plate (L x W)	mm	500x280	700x400	720x460
Drive motor power	kW	5.5	7.5	7.5
Electrical connection ~50 Hz	V	400	400	400
Dimensions (L x W x H) approx.	mm	950x1400x2400	1080x1600x2650	1.200x1.730x28.50
Weight approx.	kg	1900	2600	3650



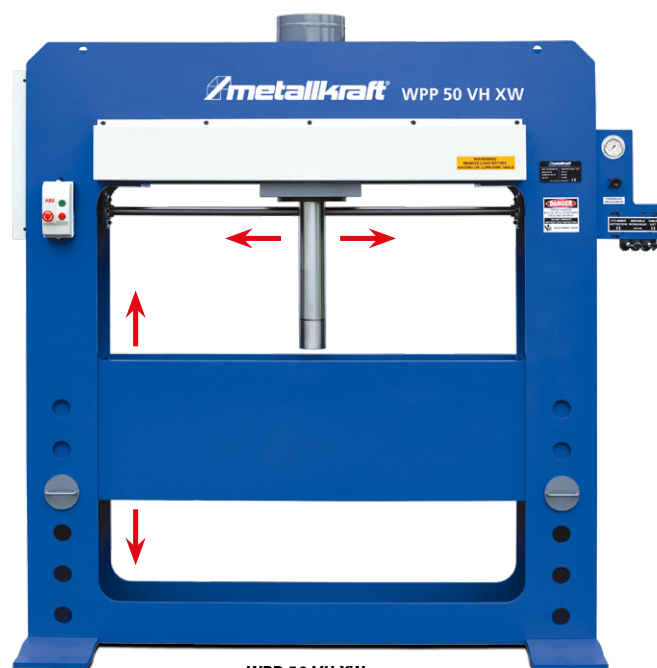
PP 50

WPP VH - Fully hydraulic workshop press. Robust design with movable cylinder

- ▶ For pressing out and pressing in bearings, bolts and bushes as well as for repair and assembly work, pressing work, load tests, weld sample tests and much more
- ▶ With pressure mandrel adapter for 2 different cylinder press diameters
- ▶ Hydraulic control of the stroke and the right/left movement of the cylinder as well as the height adjustment of the table independently of the main cylinder
- ▶ Cylinder can be moved sideways via lever
- ▶ Pressure-sensitive hand levers for regulating the feed speeds
- ▶ Pressing pressure readable via pressure gauge
- ▶ Milled steel construction
- ▶ With pressure control from 50 t models



WPP 50 VH



WPP 50 VH XW

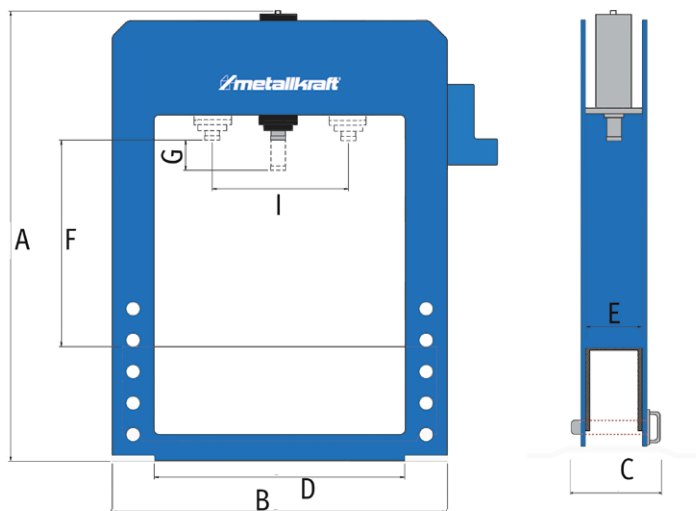
Scope of delivery:

- ▶ Hydraulic oil HLP 46 Precis 20L (18 kg bucket) AGIP

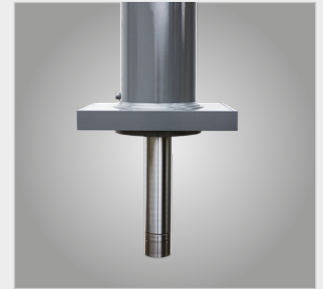
Technical data		WPP 30 VH	WPP 50 VH	WPP 50 VH XW	WPP 100 VH	WPP 100 VH XW	WPP 200 VH	WPP 300 VH
Art. no.		4050030	4050050	4050055	4050100	4050105	4050200	4050300
Technical data								
Pressing force	t	30	50	50	100	100	200	300
Pressing speed	mm/s	6.1	6.5	6.5	6.7	6.7	1.3	1.4
Feed speed	mm/s	6.1	6.5	6.5	6.7	6.7	7.8	6.2
Return speed	mm/s	8.2	8.0	8.0	8.3	8.3	9.5	7.7
Length piston nose	mm	38.1	50.9	50.9	63.5	63.5	63.5	76.2
Press piston Ø		63.5	76.2	76.2	101.6	101.6	126	152.4
Hole spacing	mm	152	152	152	152	152	203	203
Work table (L x W)	mm	1066 x 228	1218 x 273	1523 x 273	1218 x 311	1523 x 311	1523 x 500	1523 x 602
Inner diameter of perforated plate	mm	50	50	50	50	50	50	50
Motor power ~50 Hz	kW/V	2.4 / 400	3.7 / 400	3.7 / 400	7.5 / 400	7.5 / 400	7.5 / 400	7.5 / 400
Weight approx.	kg	727	1091	1273	1455	1728	3455	5910
Dimensions approx.								
A - height	mm	1904	2157	2208	2157	2208	2386	2386
B - Width without pump	mm	1371	1624	2030	1624	2030	2132	2132
C - Depth	mm	761	812	914	812	914	1066	1167
D - Clear width	mm	1066	1218	1523	1218	1523	1523	1523
E - Depth perforated frame	mm	235	279	279	317	317	508	609
F - Clear height	mm	863	1015	936	964	888	761	723
G - Piston stroke	mm	406	406	406	406	406	508	508
I - Cylinder travel	mm	501	603	908	552	857	704	603



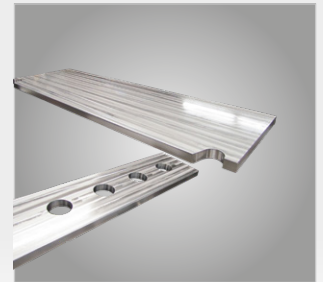
WPP 200 VH



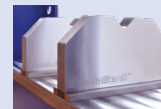
Easy-to-change ram cap for various pressing applications



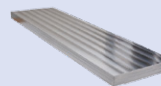
High-quality hydraulic cylinder from Weber-Hydraulik



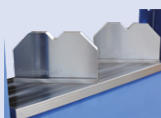
Table, head and legs are precision-milled



Prism block set



Pressure plate



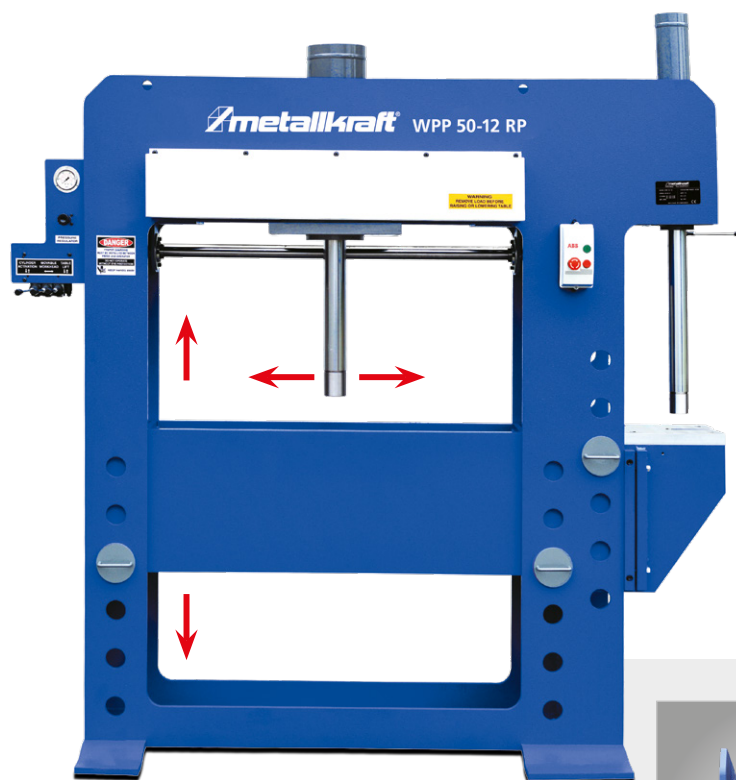
Pressure plate with prism block set

Accessories WPP 30 VH		Art. no.
Prism block set ¹⁾		4060030
Protective grille		4062030
Pressure plate		4063030
Accessories WPP 50 VH		Art. no.
Prism block set ¹⁾		4060050
Protective grille		4062050
Pressure plate		4063050
Accessories WPP 50 VH XW		Art. no.
Prism block set ¹⁾		4060050
Protective grille		4062051
Pressure plate		4063051
Accessories WPP 100 VH		Art. no.
Prism block set ¹⁾		4060100
Protective grille		4062100
Pressure plate		4063100
Accessories WPP 100 VH XW		Art. no.
Prism block set ¹⁾		4060100
Protective grille		4062101
Pressure plate		4063101
Accessories WPP 200 VH		Art. no.
Prism block set ¹⁾		4060200
Protective grille		4062200
Pressure plate		4063200
Accessories WPP 300 VH		Art. no.
Prism block set ¹⁾		4060300
Protective grille		4062300
Pressure plate		4063300

* Set contains 2 prism blocks

WPP RP - Fully hydraulic workshop presses for flexible working thanks to movable main cylinder and lateral broaching press

- ▶ For pressing out and pressing in bearings, bolts and bushes as well as for repair and assembly work, pressing work, load tests, weld sample tests and much more
- ▶ With pressure mandrel adapter for 2 different press diameters of the cylinders for different applications
- ▶ Pressing pressure readable via pressure gauge
- ▶ Master cylinder can be moved sideways via lever
- ▶ Hydraulic control of the stroke and right/left movement of the cylinder as well as the height adjustment of the table
- ▶ Pressure-sensitive hand levers for regulating the feed speeds
- ▶ Combined with clearing press
- ▶ The low-pressure hydraulic system keeps oil temperatures low to ensure greater efficiency and safer operation.



WPP 50- 12 RP

Scope of delivery:

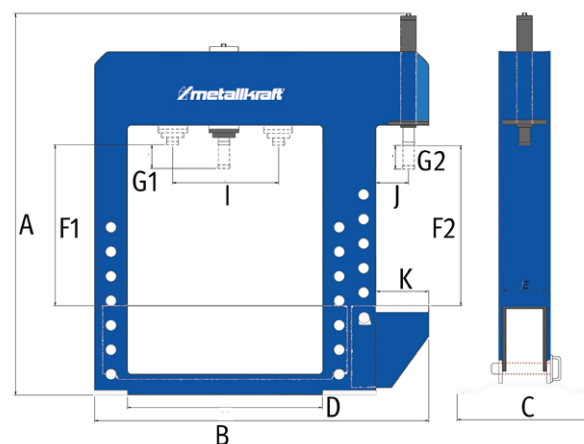
- ▶ Hydraulic oil HLP 46 Precis 20L (18 kg bucket) AGIP

Technical data		WPP 50- 12 RP	WPP 100- 20 RP
Art. no.		4051050	4051100

Technical data			
Pressing force main press	t	50	100
Press force broaching press	t	12	20
Feed speed main press	mm/s	6.5	6.7
Forward speed of the broaching press	mm/s	10	10
Return speed main press	mm/s	8.0	8.3
Return speed clearing press	mm/s	32.8	55.7
Pressing speed main press	mm/s	6.5	6.7
Pressing speed broaching press	mm/s	10	10
Table depth	mm	305	355
Piston diameter, main press	mm	406	406
Piston diameter of broaching press	mm	508	508
Piston lugs-Ø Main press	mm	50.8	63.5
Piston lugs-Ø Broaching press	mm	31.75	38.1
Hole spacing main press	mm	152	152
Work table (L x W) Main press	mm	1218 x 273	1218 x 311
Work table (L x W) Clearance press	mm	273 x 330	311 x 330
Outer Ø press attachment Main press	mm	76.2	101.6
Outer Ø press attachment broaching press	mm	50.8	63.5
Motor power ~50 Hz	kW	3.7 / 400	7.5 / 400
Weight approx.	kg	1409	1864
Dimensions approx.			
A - height	mm	2157	2157
B - Total width	mm	2081	2081
C - Depth	mm	812	812
D - Clear width	mm	1218	1218
F 1- Clear height	mm	1015	964
F 2- Clear height	mm	1041	1016
G 1 - Piston stroke main press	mm	406	406
G 2 - Piston stroke broaching press	mm	508	508
I - Cylinder travel	mm	603	552
J - Clearance of clearing press	mm	203	203
K - Table depth clearing press	mm	305	355



Side broaching press with pressure gauge



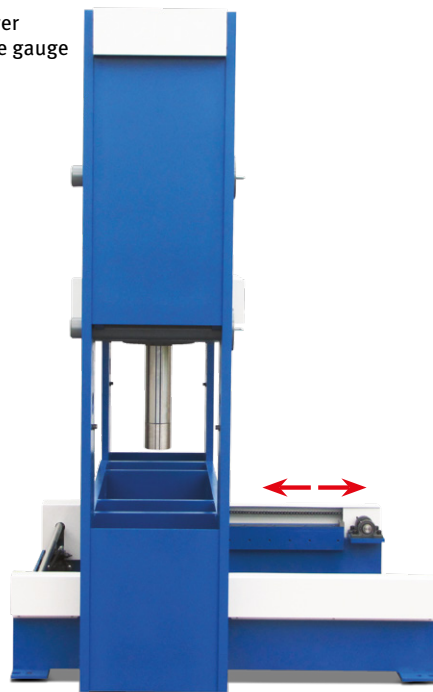
Accessories WPP 50- 12 RP	Art. no.
Prism block set ²⁾	4060050
Protective grille	4062900
Pressure plate	4063050

Accessories WPP 100- 20 RP	Art. no.
Prism block set ²⁾	4060100
Protective grille	4062901
Pressure plate	4063100

(2) Set contains 2 prism blocks

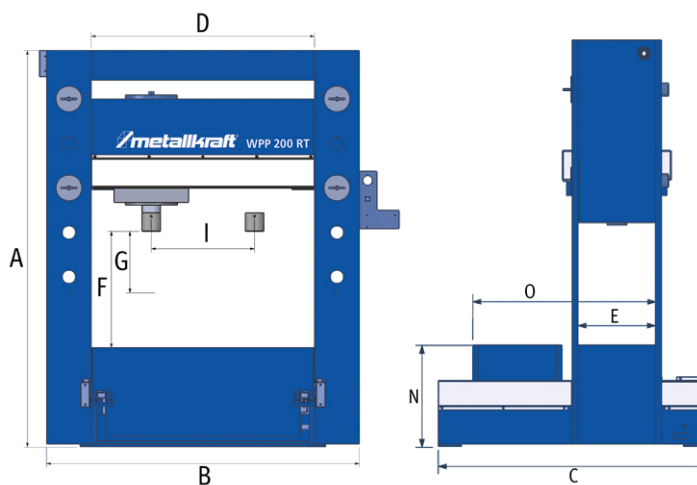
WPP 200 RT – Fully hydraulic workshop press with extendable table for levelling heavy and bulky workpieces

- For pressing out and pressing in bearings, bolts and bushes as well as for repair and assembly work, pressing work, load tests, weld sample tests and much more
- With pressure mandrel adapter for 2 different cylinder press diameters
- Hydraulic control of the stroke, the right/left movement and the upper end position of the cylinder as well as the movement of the workpiece table
- Pressure-sensitive hand levers for regulating the feed speeds
- Cylinder can be moved sideways via lever
- Pressing pressure readable via pressure gauge



Technical data		WPP 200 RT
Art. no.		4053200

Technical data		
Pressing force	t	200
Pressing speed	mm/s	2
Return speed	mm/s	10.3
Feed speed	mm/s	8.5
Work table Travelling speed	mm/s	10
Piston Ø	mm	127
Piston nose Ø	mm	76.2
Length piston nose	mm	76.2
Hole spacing	mm	305
Dimensions Work table (L x W)	mm	1523 x 590
Press attachment outside Ø	mm	127
Motor power ~50 Hz	kW	7.5 / 400
Weight approx.	kg	4545
Dimensions approx.		
A – height	mm	2709
B - Width frame	mm	2134
C - Depth	mm	1777
D - Clear width	mm	1523
F - Clear height	mm	787
E - Depth perforated frame	mm	514
G - Piston stroke	mm	508
I - Cylinder travel	mm	704
N - Working height	mm	679
O - Table travel	mm	730



Scope of delivery:

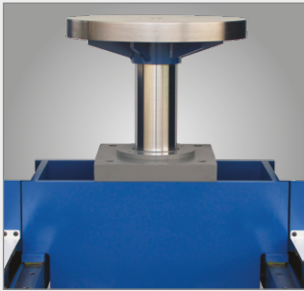
- Hydraulic oil HLP 46 Precis 20L (18 kg bucket) AGIP

Accessories	Art. no.
Prism block set*	4060200
Pressure plate	4063902

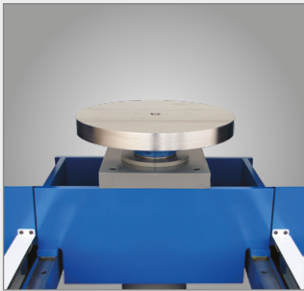
* Set contains 2 prism blocks

RPP 150 RI – Fully hydraulic tyre press for mounting rubber tyres and pressing work in the workshop

- ▶ Hydraulic control of cylinder stroke and head height adjustment by 406 mm
- ▶ Pressure-sensitive hand levers for regulating the feed speeds
- ▶ High stability of the support plate due to large cylinder
- ▶ Double-acting cylinder for controllable flow and return
- ▶ Pressing pressure readable via pressure gauge
- ▶ Pressure regulator for limiting the back pressure
- ▶ Hydraulic control of the movement of the work table for easy loading and unloading outside the pressing area



Large, powerful hydraulic cylinder



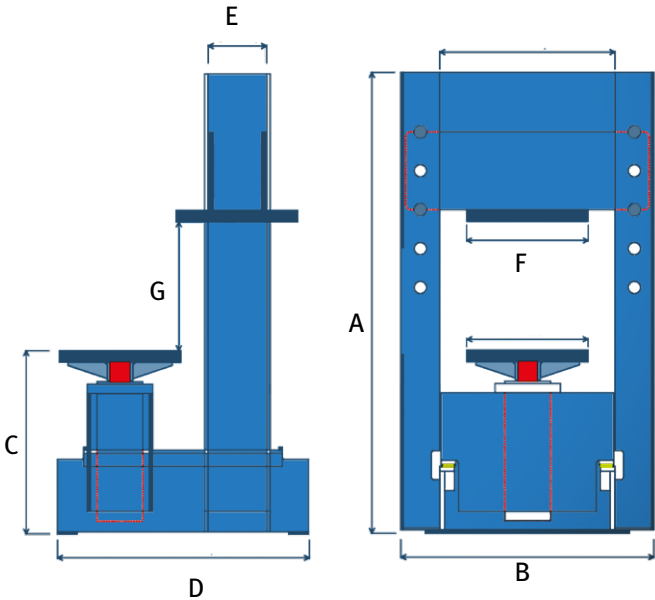
Large support plate



Pressure-sensitive hand levers and pressure gauges

Scope of delivery:
▶ Hydraulic oil HLP 46 Precis 20L (18 kg bucket) AGIP

Technical data		RPP 150 RI
Art. no.		4052155
Technical data		
Pressing force	t	150
Pressing speed	mm/s	2.1
Return speed	mm/s	3
Feed speed	mm/s	3
Piston-Ø	mm	152
Piston stroke	mm	304
Hole spacing	mm	203
Work table Ø	mm	634
Motor power ~50 Hz	kW/V	3.7 / 400
Weight approx.	kg	2364
Dimensions approx.		
A – height	mm	2405
B - Width frame	mm	1320
C - Working height	mm	867
D - Depth	mm	1523
E - Depth perforated frame	mm	381
F - Light width	mm	914
G - Clear height	mm	761

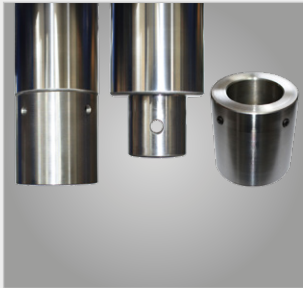


RFP - Hydraulic straightening press for the removal of deformations and stresses from metal pieces

- With pressure mandrel adapter for 2 different press diameters of the cylinders for different applications

► Pressure-sensitive hand levers for regulating the feed speeds

► Large worktable (508 mm x 2438 mm)



Various attachments which can be changed easily

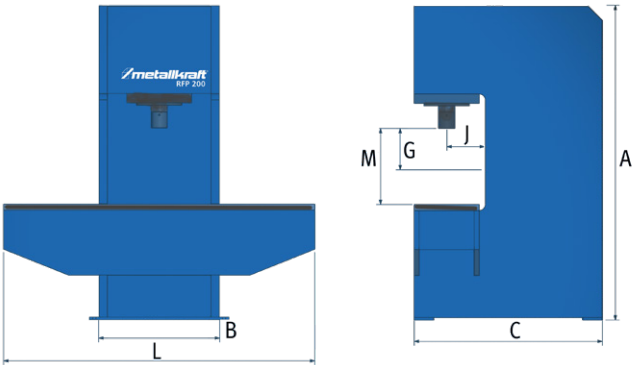


RFP 200



RFP 200

Technical data		RFP 100	RFP 200
Art. no.		4054100	4054200
Technical data			
Pressing force	t	100	200
Pressing speed	mm/s	6.7	2
Return speed	mm/s	8.3	10.3
Feed speed	mm/s	6.7	8.5
Piston Ø	mm	101.6	127
Piston nose Ø	mm	63.5	76.2
Length piston nose	mm	63.5	76.2
Dimensions Work table (L x W)	mm	2438 x 508	2438 x 508
Press attachment outside Ø	mm	101.6	127
Motor power ~50 Hz	kW	7.5 / 400	7.5 / 400
Weight approx.	kg	3750	5818
Dimensions approx.			
A – height	mm	2438	2458
B - Total width	mm	2438	2438
C - Depth	mm	1473	1473
D - Width offrame	mm	813	813
G - Piston stroke	mm	406	508
M - Clear height	mm	686	686
J – Radius	mm	305	305



Scope of delivery:
► Hydraulic oil HLP 46 Precis 20L (18 kg bucket) AGIP

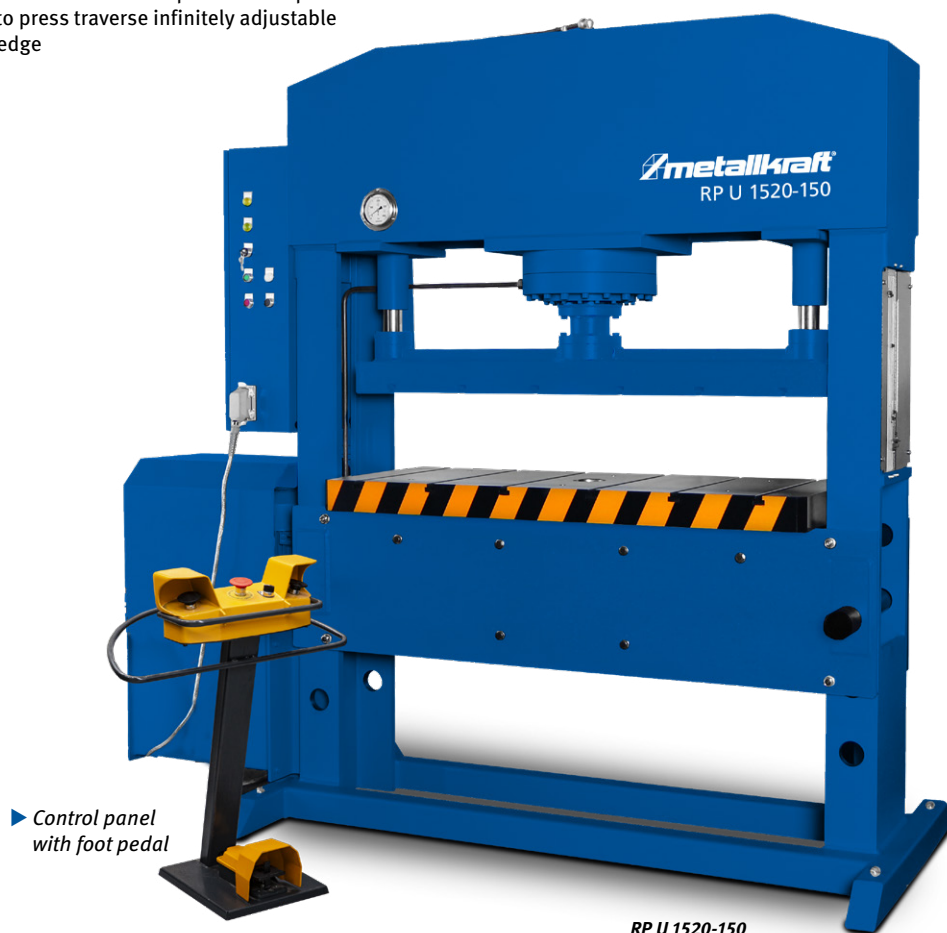
Accessories RFP 200	Art. no.
Prism block set*	4060200

* Set contains 2 prism blocks.

Frame presses

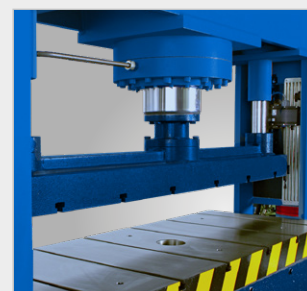
RP U - Frame presses can be used universally by equipping them with individual bending, pressing, embossing, straightening or cutting tools

- ▶ Very heavy and robust welded construction
- ▶ Upper beam guided twice to ensure parallelism
- ▶ Large support table with T-slots and centre hole
- ▶ Large ram plate with T-slots
- ▶ Upper and lower end position of the piston stroke as well as switchover point from rapid traverse to press traverse infinitely adjustable via cam ledge
- ▶ Pressure continuously adjustable
- ▶ Pressure gauge for pressing pressure display
- ▶ Height-adjustable worktable
- ▶ Device for table height adjustment
- ▶ Two-hand operation and foot pedal
- ▶ Oil filling



▶ Control panel with foot pedal

RP U 1520-150



Large support table with T-slots and centre hole



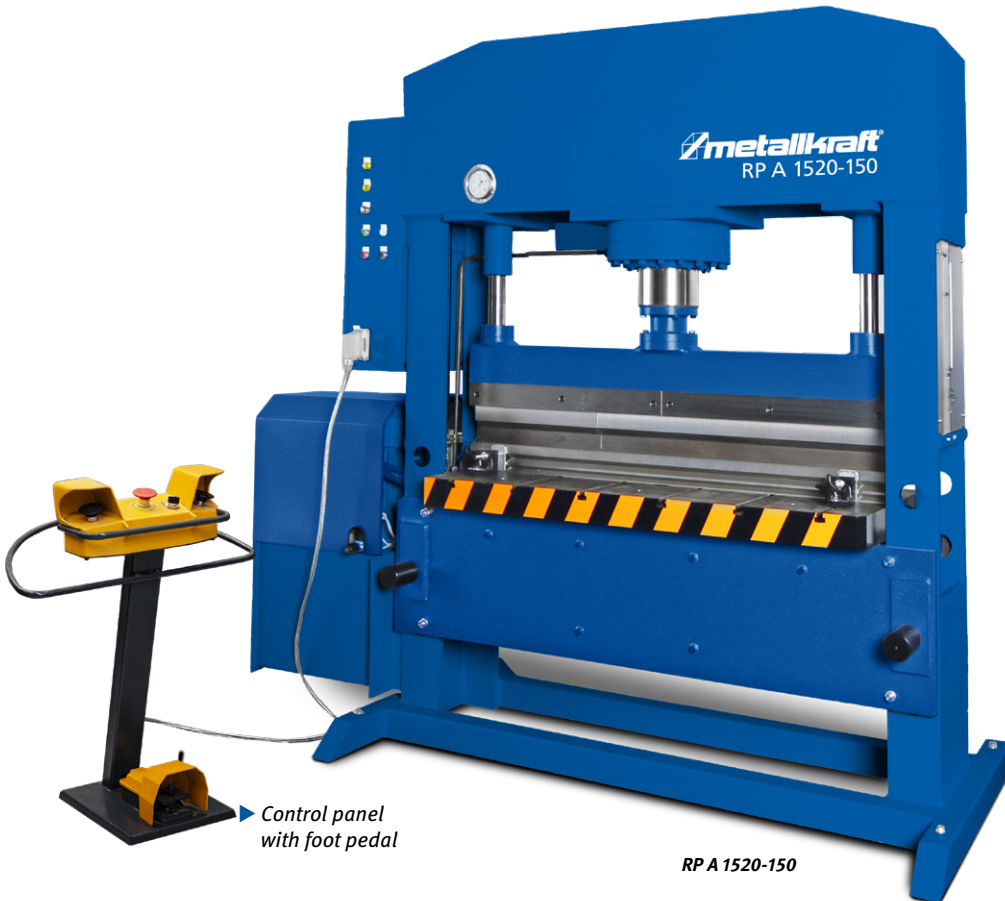
Upper and lower end position of the piston stroke as well as switchover point from rapid traverse to press traverse infinitely adjustable via cam ledge

ASK FOR YOUR PERSONALISED OFFER!

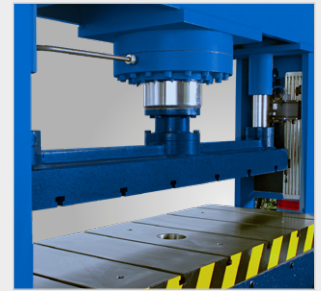
Technical data		RP U 1020-100	RP U 1520-100	RP U 1020-150	RP U 1520-150
Art. no.		4021010	4021510	4021015	4021515
Technical data					
Pressing force	t	100	100	150	150
Working width	mm	1020	1520	1020	1520
Piston stroke	mm	300	300	300	300
Installation height min.	mm	325	325	275	275
Installation height max.	mm	680	680	610	610
Hole spacing for table adjustment	mm	190	190	190	190
Rapid traverse	mm/s	9	9	9	9
Press gear	mm/s	5	5	5	5
Retreat	mm/s	10	10	10	10
Dimensions Work table (L x W)	mm	500 x 1020	500 x 1520	600 x 1020	600 x 1520
Table bore Ø	mm	100	100	100	100
Motor power	kW	7.5	7.5	11	11
Dimensions (L x W x H) approx.	mm	2110 x 1000 x 2275	2630 x 1000 x 2275	2110 x 1000 x 2275	2630 x 1000 x 2275
Weight approx.	kg	1900	2500	2400	3100

RP A - Frame presses with folding device

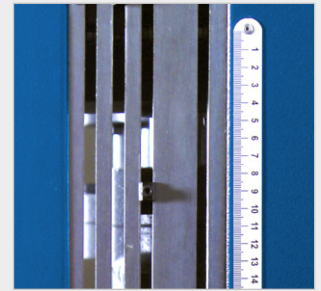
- ▶ Very heavy and robust welded construction
- ▶ Upper beam guided twice to ensure parallelism
- ▶ Cranked upper tool
- ▶ 5-cavity mould with V-shaped openings of 10, 20, 30, 40 and 65 mm
- ▶ Upper and lower end position of the piston stroke as well as switchover point from rapid traverse to press traverse infinitely adjustable via cam ledge
- ▶ Suitable for bending large sheet thicknesses, bending long sheets and straightening of panels
- ▶ Pressure continuously variable
- ▶ Pressure gauge for pressing pressure display
- ▶ Height-adjustable worktable
- ▶ Two-hand operation and foot pedal
- ▶ Oil filling



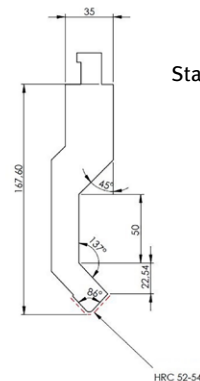
RP A 1520-150



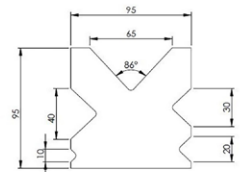
Large support table with T-slots and centre hole



Upper and lower end position of the piston stroke as well as switchover point from rapid traverse to press traverse infinitely adjustable via cam ledge



Standard tools



Accessories

Special tools

on request

ASK FOR YOUR PERSONALISED OFFER!

Technical data		RP A 1020-100	RP A 1520-100	RP A 1020-150	RP A 1520-150
Art. no.		4021611	4021651	4021615	4021655
Technical data					
Pressing force	t	100	100	150	150
Working width	mm	1020	1520	1020	1520
Piston stroke	mm	300	300	300	300
Installation height min.	mm	325	325	275	275
Installation height max.	mm	680	680	610	610
Hole spacing for table adjustment	mm	190	190	190	190
Rapid traverse	mm/s	9	9	9	9
Press gear	mm/s	5	5	5	5
Retreat	mm/s	10	10	10	10
Dimensions Work table (L x W)	mm	500 x 1020	500 x 1020	600 x 1020	600 x 1020
Table bore Ø	mm	100	100	100	100
Motor power	kW	7.5	7.5	11	11
Dimensions (L x W x H) approx.	mm	2110 x 1000 x 2275	2630 x 1000 x 2275	2110 x 1000 x 2275	2630 x 1000 x 2275
Weight approx.	kg	1900	2500	2400	3100