



WELDING TABLES AND CLAMPING SYSTEMS

Positioner

AN INVESTMENT THAT PAYS OFF.



SIEGMUND ROTO-POSITIONER

YOUR BENEFITS

The Siegmund Roto-Positioner is ideal for welding, assembly and maintenance work. Positioning is via a hydraulic rotary and tilt function, together with an infinitely variable height adjustable axis.

Available in three different sizes with load capacities of 1.250 kg, 2.000 kg, 3.000 kg and 4.500 kg. Custom sizes available on request.

PRODUCTIVITY

- Rapid orientation of workpiece
- Optimum ergonomic positioning offers maximum productivity
- One set-up for lifting, tilting and rotating
- Reduced down time

ERGONOMICS

- Maximum access to component delivers best product performance
- Reduced risk of repetitive strain injury

QUALITY

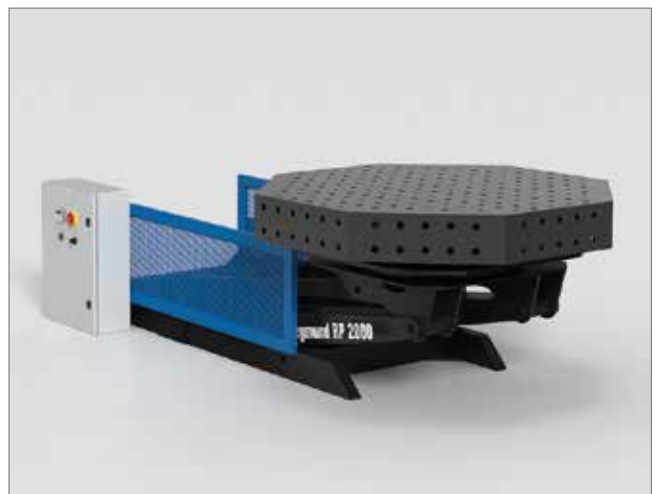
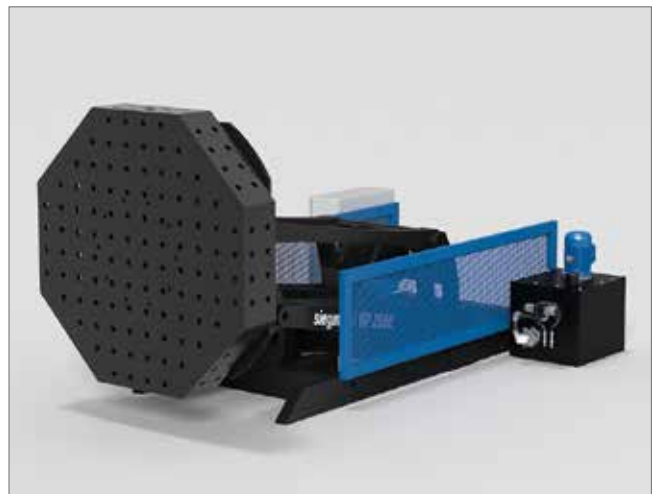
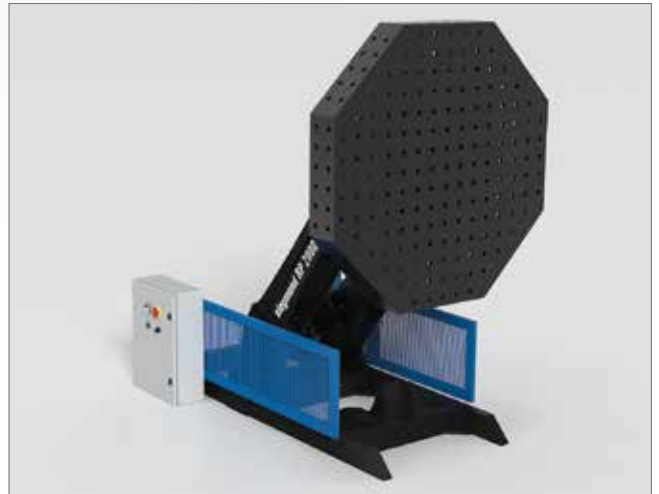
- Improved quality with flexible positioning (flat position)
- Improved quality from maximum access

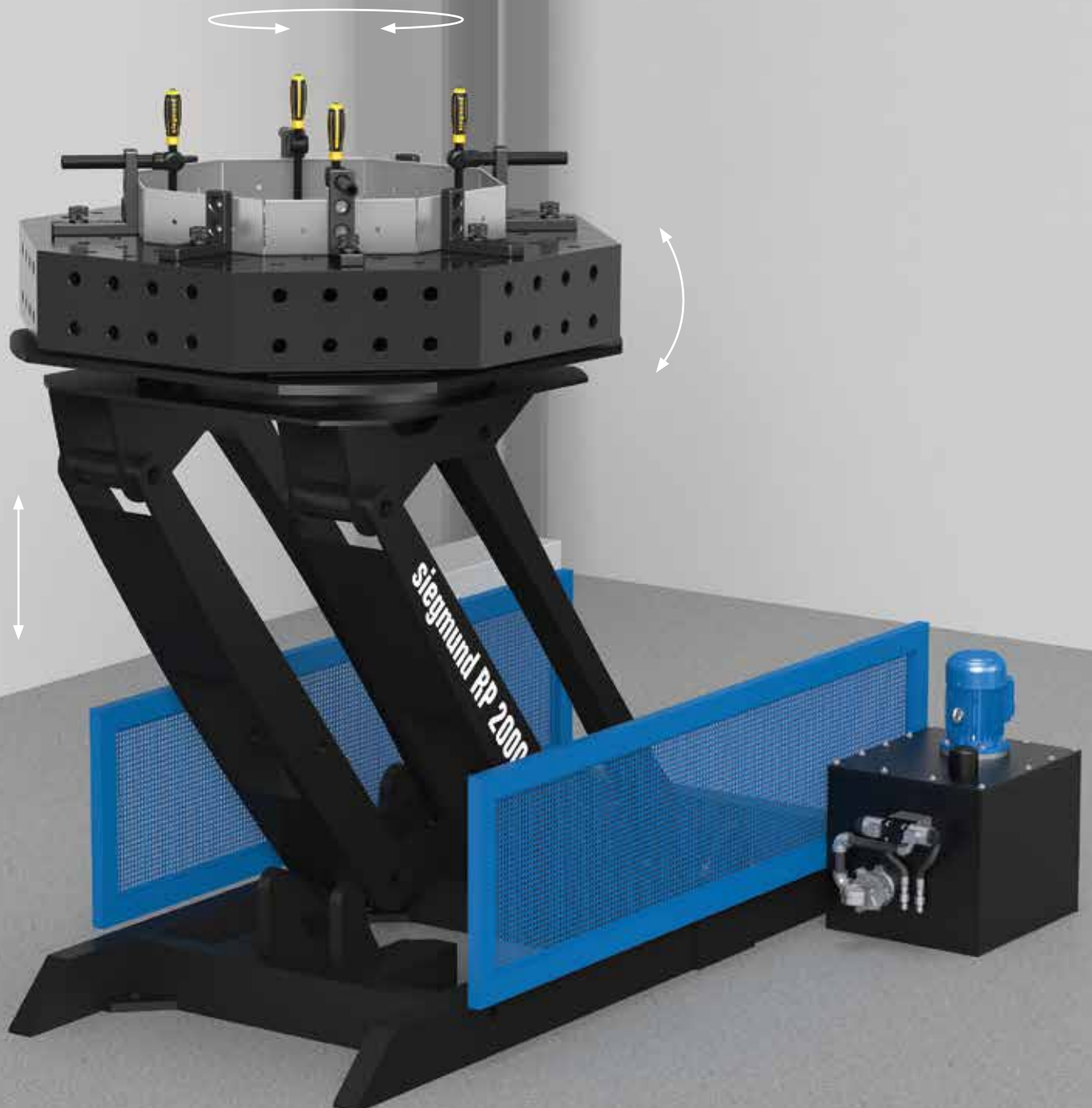
TECHNICAL FEATURES

- Incl. manual operation (wired), additional controls available for an extra charge
- Hydraulic rotation of the clamping plate
- Tilting range up to 95° (optional up to 140°)
- Hydraulic height adjustment and tilt function

FURTHER DETAILS

- Large working area, low height
- Optional rotatable ground connection
- Optional rotation of the clamping plate with electric drive (still hydraulic height adjustment and tilt function)





SIEGMUND ROTO-POSITIONER

AVAILABLE TYPES



Further sizes are available on request.

TECHNICAL SPECIFICATIONS

	RP 1250	RP 2000	RP 3000	RP 4500
Weight Positioner (without table plate)	approx. 685 kg	approx. 855 kg	approx. 1.305 kg	ca. 2.600 kg
Max. load-bearing capacity ¹	1.250 kg	2.000 kg	3.000 kg	4.500 kg
Table revolutions per minute (hydraulic)	2,0	1,7	1,5	–
Table revolutions per minute (electric)	0 – 2	0 – 2	0 – 2	0 – 1,5
Max. turning moment table	490 Nm	1.250 Nm	1.960 Nm	5.300 Nm
Tilt angle	95°	95° (optional 140°)	95° (optional 140°)	95° (optional 140°)
Tilting moment	4.900 Nm	7.850 Nm	11.750 Nm	21.200 Nm
Minimum height horizontal (without table)	700 mm	700 mm	720 mm	860 mm
Maximum height vertical (without table)	1.120 mm	1.300 mm	1.620 mm	2.085 mm
Item No.	6R120016	6R200016	6R300016	6R450016
Price (without table plate)	on request	on request	on request	on request

¹ Please note: Maximum load minus weight of table.

FURTHER OPTIONS



MANUAL OPERATION (WIRED)¹

The manual operation can be inserted into the holder and placed in a desired location. For easy handling, the manual operation can be removed at any time. The control buttons of the wired hand operation allow you to manually adjust the positions.

Item No. 6R000150



FOOT PEDAL CONTROL¹

The foot pedal control is an alternative to the manual operation. The rotation of the clamping plate can be started and stopped with the integrated start and stop function of the foot pedal.

Item No. 6R000250



CONTROL PANEL WITH TEACH FUNCTION

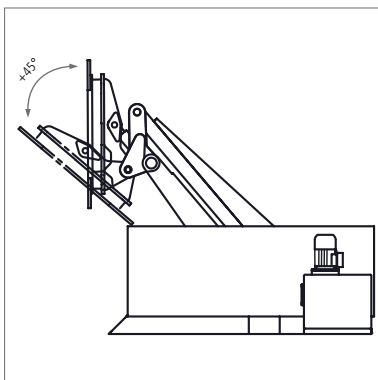
The control panel with teach function enables the automation of your work processes. Positions can be programmed, stored and repeated anytime by pressing a button.

RP 1250, RP 2000, RP 3000

Item No. 6R000550

RP 4500

Item No. 6R000560



OPTIONAL TILT ANGLE 140°

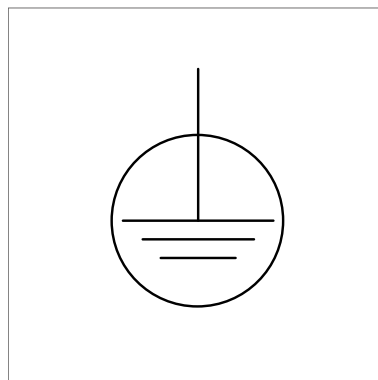
The clamping plate can be tilted on the positioner to 140° by using an additional cylinder. Not available for RP 1250.

RP 2000

Item No. 6R000350

RP 3000

Item No. 6R000360



ROTATABLE GROUND CONNECTION

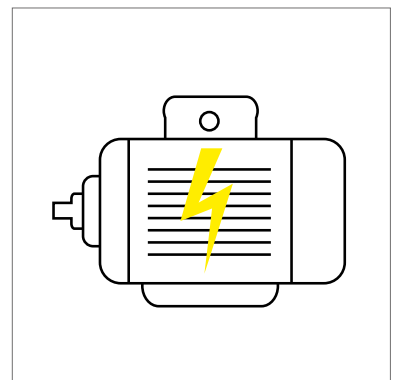
The stable ground connection directly on the machine guarantees an optimal connection to the table plate (especially while the table is rotating). The welding machine is connected to the appliance by a trunnion. Thus twisted battery ground cables can be prevented.

RP 1250, RP 2000, RP 3000

Item No. 6R000400

RP 4500

Item No. 6R000410



ELECTRIC DRIVE

Using an electric motor the driven rotation can be very accurately controlled and the corresponding speed can be adjusted continuously. Lifting and tilting is still made through the hydraulic drive.

RP 1250

Item No. 6R000450

RP 2000

Item No. 6R000460

RP 3000

Item No. 6R000470

RP 4500

Standard with electric drive

SIEGMUND SYNCHROLIFT

YOUR BENEFITS

The Siegmund Synchrolift an electric Head & Tailstock Positioner and is ideal for welding, assembly and maintenance work. Positioning is via two electric main axes for lifting and lowering and/or rotating left and right.

Available in three different sizes with load capacities of 2.000 kg, 4.000 kg and 6.000 kg. Custom sizes available on request.



PRODUCTIVITY

- Rapid orientation of workpiece
- Optimum ergonomic positioning offers maximum productivity
- One set-up for lifting and rotating
- Reduced down time

ERGONOMICS

- Maximum access to component delivers best product performance
- Reduced risk of repetitive strain injury

QUALITY

- Improved quality with flexible positioning (flat position)
- Improved quality from maximum access

TECHNICAL FEATURES

- Incl. control panel or manual operation (wired), additional controls available for an extra charge
- Display for positioner setting
- Continuously adjustable rotation of the clamping plate
- Pallet lifter for repositioning

FURTHER DETAILS

- High repeat accuracy
- Optional endless arm rotation

TECHNICAL SPECIFICATIONS

	SL 2000	SL 4000	SL 6000
Weight Positioner (without table plate)	approx. 1.200 kg	approx. 1.200 kg	approx. 1.200 kg
Max. load-bearing capacity ¹	2.000 kg	4.000 kg	6.000 kg
Table revolutions per minute (electric)	1	1	0,9
Max. turning moment table	3.000 Nm	3.500 Nm	4.000 Nm
Speed lifting and lowering	56 cm/min	56 cm/min	56 cm/min
Motor power turning	0,75 kW	0,55 kW	0,55 kW
Motor power lifting and lowering	1,85 kW	1,85 kW	1,85 kW
Minimum height (without table)	350 mm	350 mm	400 mm
Maximum height (without table)	1.900 mm	1.900 mm	1.950 mm
Tower height	2.500 mm	2.500 mm	2.500 mm
Item No.	65200016	65400016	65600016
Price (without table plate)	on request	on request	on request

¹ Please note: Maximum load minus weight of table.

FURTHER OPTIONS



MANUAL OPERATION (WIRED)¹

The manual operation can be inserted into the holder and placed in a desired location. For easy handling, the manual operation can be removed at any time. The control buttons of the wired hand operation allow you to manually adjust the positions.

Item No. 65000150



FOOT PEDAL CONTROL¹

The foot pedal control is an alternative to the manual operation. The rotation of the clamping plate can be started and stopped with the integrated start and stop function of the foot pedal.

Item No. 65000250



CONTROL PANEL WITH TEACH FUNCTION

The control panel with teach function enables the automation of your work processes. Positions can be programmed, stored and repeated anytime by pressing a button.

Item No. 65000550



ARRANGEMENT FOR TRACK

The positioner can be delivered on request with additional floor rails. As a result, the movable towers can be moved exactly parallel to one another.

SINGLE RAIL 3 METERS

Item No. 65000600

SINGLE RAIL 6 METERS

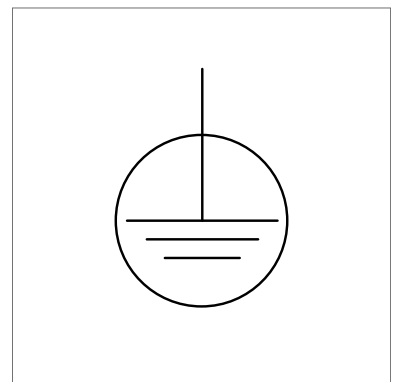
Item No. 65000610

DOUBLE RAILS 3 METERS

Item No. 65000620

DOUBLE RAILS 6 METERS

Item No. 65000630



ROTATABLE GROUND CONNECTION

The stable ground connection directly on the machine guarantees an optimal connection to the table plate (especially while the table is rotating). The welding machine is connected to the appliance by a trunnion. Thus twisted battery ground cables can be prevented.

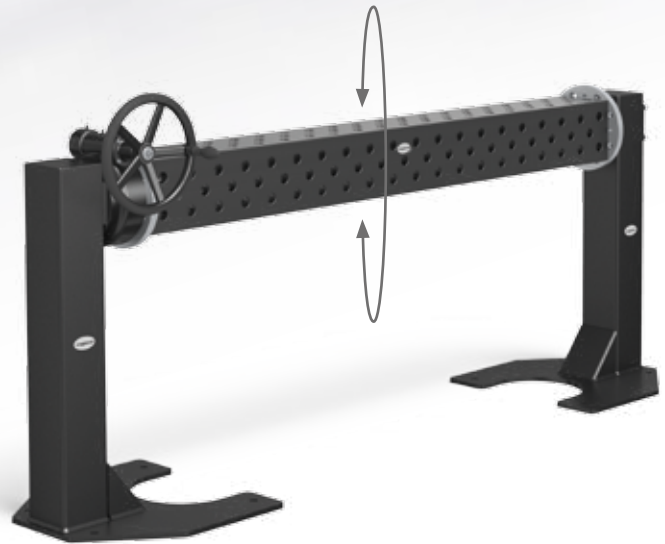
Item No. 65000400

SIEGMUND M-POSITIONER

YOUR BENEFITS

The Siegmund M-Positioner is ideal for welding, assembly and maintenance work. Positioning is via a manual driven hand wheel.

Available in two different sizes with load capacities of 500 kg and 1.500 kg. Custom sizes available on request.



PRODUCTIVITY

- Rapid orientation of workpiece
- Optimum ergonomic positioning offers maximum productivity
- One set-up for rotating
- Reduced down time

ERGONOMICS

- Maximum access to component delivers best product performance
- Reduced risk of repetitive strain injury

QUALITY

- Improved quality with flexible positioning (flat position)
- Improved quality from maximum access

TECHNICAL FEATURES

- Force transmission through a bearing with integrated gear
- Drive manually via hand wheel
- Universal flange for clamping of Siegmund U- Squares

FURTHER DETAILS

- Safe stand by flat foot with the possibility of ground anchoring
- Clamping of components on Siegmund U-Squares

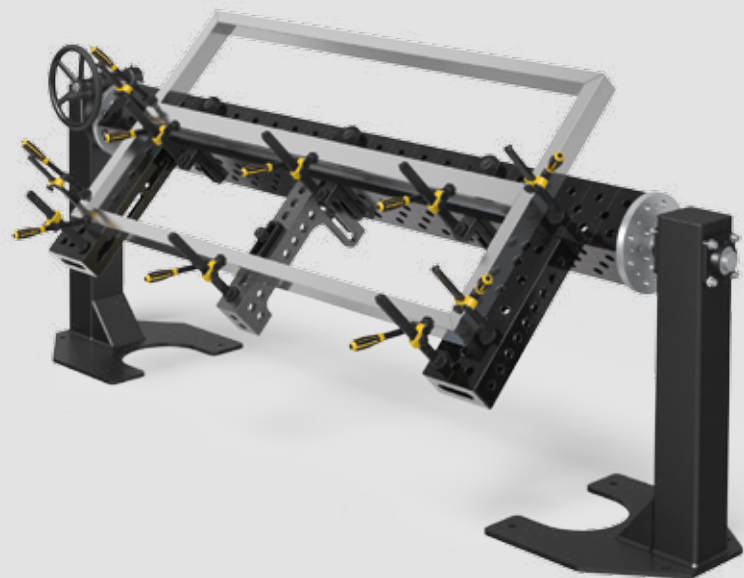
TECHNICAL SPECIFICATIONS

	PM 500	PM 1500
Weight Positioner	approx. 110 kg	approx. 180 kg
Max. load-bearing capacity ¹	500 kg	1.500 kg
Turning moment	100 Nm	900 Nm
Control	Hand wheel with handle, Ø 200 mm	Hand wheel with handle, Ø 315 mm
Drive	manual	manual
Gear ratio	1:73	1:73
Axis of rotation	horizontal	horizontal
Working height	850 mm	850 mm
Square U-Shape compatibility	System 16	System 28
Max. length Square U-Shape	1.500 mm	3.000 mm
Item No.	6M050016	6M150016
Price	on request	on request

¹ Please note: Maximum load minus weight of square u-shape.



We are glad to develop individual solutions for your projects on request.



OCTAGONAL TABLES

The Siegmund octagonal table is used as the standard table for ergonomic working with positioners. The octagonal table is fastened on the positioner with the help of an adapter plate. Besides octagonal tables, square or rectangular tables can be used as well of course.

SYSTEM 28

Bore hole Ø 28 mm | 100x100 mm grid

Material: Steel S355J2+N,
Plasma nitrided and BAR-coated



Table size	COMPATIBLE WITH TYPE						OCTAGONAL TABLES WITH SIDE 200 MM Plasma nitrided	OCTAGONAL TABLES WITH SIDE 100 MM Plasma nitrided	OCTAGONAL TABLES WITHOUT SIDE (25 MM) Plasma nitrided
	RP 1250	RP 2000	RP 3000	SL 2000	SL 4000	SL 6000			
600 mm	✓	✓	✓	✓	✓	✓			Weight approx. 94 kg Item No. 940600.P
800 mm	✓	✓	✓	✓	✓	✓	Weight approx. 261 kg Item No. 920800.P	Weight approx. 189 kg Item No. 920800.1.P	Weight approx. 139 kg Item No. 940800.P
1000 mm	✓	✓	✓	✓	✓	✓	Weight approx. 412 kg Item No. 921000.P	Weight approx. 291 kg Item No. 921000.1.P	Weight approx. 198 kg Item No. 941000.P
1200 mm	✓	✓	✓	✓	✓	✓	Weight approx. 497 kg Item No. 921200.P	Weight approx. 394 kg Item No. 921200.1.P	Weight approx. 281 kg Item No. 941200.P
1400 mm	✓	✓	✓	✓	✓	✓	Weight approx. 690 kg Item No. 921400.P	Weight approx. 520 kg Item No. 921400.1.P	Weight approx. 389 kg Item No. 941400.P
1500 mm	✓	✓	✓	✓	✓	✓	Weight approx. 758 kg Item No. 921500.P	Weight approx. 579 kg Item No. 921500.1.P	Weight approx. 437 kg Item No. 941500.P
1600 mm	✓	✓	✓	✓	✓	✓	Weight approx. 861 kg Item No. 921600.P	Weight approx. 654 kg Item No. 921600.1.P	
1700 mm	✓	✓	✓	✓	✓	✓	Weight approx. 896 kg Item No. 921700.P	Weight approx. 714 kg Item No. 921700.1.P	
1800 mm	✓	✓	✓	✓	✓	✓	Weight approx. 976 kg Item No. 921800.P	Weight approx. 780 kg Item No. 921800.1.P	
Surcharge adapter plate							Item No. 940000	Item No. 940000	Item No. 940000

Further table sizes are available on request. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge. Due to customer specific adaptation the weight can vary.

SYSTEM 16

Bore hole Ø 16 mm | 50x50 mm grid

Material: Steel S355J2+N,
Plasma nitrided and BAR-coated

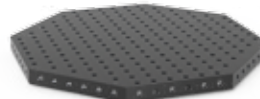


Table size	COMPATIBLE WITH TYPE						OCTAGONAL TABLES WITH SIDE 100 MM Plasma nitrided	OCTAGONAL TABLES WITH SIDE 50 MM Plasma nitrided	OCTAGONAL TABLES WITHOUT SIDE (12 MM) Plasma nitrided
	RP 1250	RP 2000	RP 3000	SL 2000	SL 4000	SL 6000			
500 mm	✓	✓	✓	✓	✓	✓			Weight approx. 54 kg Item No. 950500.P
600 mm	✓	✓	✓	✓	✓	✓	Weight approx. 89 kg Item No. 920616.P	Weight approx. 74 kg Item No. 920616.1.P	Weight approx. 63 kg Item No. 950600.P
800 mm	✓	✓	✓	✓	✓	✓	Weight approx. 118 kg Item No. 920816.P	Weight approx. 104 kg Item No. 920816.1.P	Weight approx. 84 kg Item No. 950800.P
1000 mm	✓	✓	✓	✓	✓	✓	Weight approx. 169 kg Item No. 921016.P	Weight approx. 137 kg Item No. 921016.1.P	Weight approx. 111 kg Item No. 951000.P
1200 mm	✓	✓	✓	✓	✓	✓	Weight approx. 226 kg Item No. 921216.P	Weight approx. 189 kg Item No. 921216.1.P	Weight approx. 157 kg Item No. 951200.P
Surcharge adapter plate							Item No. 940000	Item No. 940000	Item No. 940000.1

Further table sizes are available on request. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge. Due to customer specific adaptation the weight can vary.

U-SQUARE

The Siegmund U-square is used as a connection between two positioners.
These can be widened arbitrarily by angles and stops in any further direction.

SYSTEM 28

Bore hole Ø 28 mm | 100x100 mm diagonal grid

Material: Steel S355J2+N,
Plasma nitrided and BAR-coated



Size Square U-Shape	COMPATIBLE WITH TYPE					SYSTEM 28 Plasma nitrided
	PM 500	PM 1500	SL 2000	SL 4000	SL 6000	
500 mm		✓	✓	✓	✓	Weight approx. 68 kg Item No. 280360.P
1000 mm		✓	✓	✓	✓	Weight approx. 130 kg Item No. 280370.P
1500 mm		✓	✓	✓	✓	Weight approx. 190 kg Item No. 280380.P
2000 mm		✓	✓	✓	✓	Weight approx. 245 kg Item No. 280390.P
2400 mm		✓	✓	✓	✓	Weight approx. 290 kg Item No. 280391.P
3000 mm		✓	✓	✓	✓	Weight approx. 365 kg Item No. 280392.P

Further table sizes are available on request.

SYSTEM 16

Bore hole Ø 16 mm | 50x50 mm grid

Material: Steel S355J2+N,
Plasma nitrided and BAR-coated



Size Square U-Shape	COMPATIBLE WITH TYPE					SYSTEM 16 Plasma nitrided
	PM 500	PM 1500	SL 2000	SL 4000	SL 6000	
500 mm	✓		✓	✓	✓	Weight approx. 12,50 kg Item No. 160360.P
1000 mm	✓		✓	✓	✓	Weight approx. 25,40 kg Item No. 160370.P
1500 mm	✓		✓	✓	✓	Weight approx. 35,70 kg Item No. 160380.P
2000 mm			✓	✓	✓	Weight approx. 47,00 kg Item No. 160390.P

Further table sizes are available on request.



WELDING TABLES AND CLAMPING SYSTEMS



MORE INFORMATION

Discover the whole range of our products in our main catalog (about 640 pages),
Flyer or on our website www.siegmund.com

YOUR DEALER

Bernd Siegmund GmbH

Aehrenstrasse 29 | 86845 Grossaitingen | Germany (Bavaria) | Phone 0049 (0) 82 03 / 96 07 - 0 | Fax 0049 (0) 82 03 / 96 07 - 33
info@siegmund.com | www.siegmund.com

All prices are quoted ex works excl. VAT, packing, freight and duty. Technical changes are reserved.
Our General Terms and Conditions apply. Errors and price changes reserved. One year guaranty.

All texts, pictures and design elements are copyrighted by the Bernd Siegmund GmbH. No part of this flyer may be edited analogously
or digital or in another mode, may be multiplied or published out of the flyer without written approval of the legal owner.