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Schweißtechnik

ROTARY TABLES AND ROLLER BLOCK ROTATING DEVICES









Rotary tables and roller block rotating device

SPS POWER-SERIES – Rotary table positioning device with manually swivelling

- Suitable for electrode, MIG, MIG/MAG and plasma welding, as well as plasma cutting
- Clear-cut control elements
- Continuously variable speed
- The control electronics are protected by a robust and closed housing
- With Start/Stop foot pedal
- Rotation by AC electric motor, with inverter and transmission

SPS POWER 76
- Load-bearing capacity 100 kg
- Ø 300 mm

SPS POWER 120 I
- Load-bearing capacity 120 kg
- Ø 400 mm

SPS POWER 360 I M
- Load-bearing capacity 360 kg
- Ø 500 mm

More models and information on request.

POWER SERIES	
1500006	SPS POWER 120 I PLC
1500011	SPS POWER 360 I M PLC
Standard series	
1500030	SPS 30
1500050	SPS 50
1500070	SPS 70
1500075	SPS 75
1500150	SPS 150
1500200	SPS 200
S series	
1500031	SPS 30S
1500051	SPS 50S
1500071	SPS 70S
1500076	SPS 75S
1500151	SPS 150S
1500201	SPS 200 S
HC series	
1500052	SPS 50HC
1500077	SPS 75HC
1500152	SPS 150HC
1500155	SPS 150 HC 200
S HC series	
1500053	SPS 50S HC
1500078	SPS 75S HC
S PLC series	
1500079	SPS 75S PLC
1500154	SPS 150S PLC
1500202	SPS 200 S PLC
S HC PLC series	
1500080	SPS 75S HC PLC
1500156	SPS 150 S HC 200 PLC

New



SPS POWER 120 I

SPS POWER 76

SPS POWER 360 I M

Model	SPS POWER 76	SPS POWER 120 I	SPS POWER 360 I M
Art. no.	1500001	1500005	1500010
Technical specifications			
Horizontal load-bearing capacity	100 kg	120 kg	360 kg
Vertical load-bearing capacity	50 kg	60 kg	180 kg
Rotational speed	0.6 – 6.0 rpm	0.6 – 6.0 rpm	0.2 – 6.0 rpm
Voltage	230 V	230 V	230 V
Current type	DC	AC	AC
Dimensions (L x W x H)	450 x 414 x 378 mm	750 x 523 x 800 mm	1 079 x 700 x 859 mm
Turntable dimensions	Ø 300 mm	Ø 400 mm	Ø 500 mm
Weight	21 kg	60 kg	120 kg

Accessory *for SPS POWER 120 I PLC and SPS POWER 360 I M PLC*	**Art. no.**
Pneumatic torch holder for MIG/TIG welding	1510000
Cross torch adjustment, manual control 50 x 50 mm	1510005

SR POWER 1200 M+F – Roller block rotating device

- For machining cylindrical workpieces
- Frame with flat design
- Swivel rollers with polyurethane coating
- Clear-cut control elements
- Continuously variable speed
- The control electronics are protected by a robust and closed housing
- With Start/Stop foot pedal
- AC current driven electric motors and transmission

More models and information on request

Roller block rotating devices	
1501350	SR POWER 3500 B M+F

Model	SR POWER 1200 M+F
Art. no.	1501120
Technical specifications	
Load-carrying capacity	1 200 kg
Rotational speed	80 – 1 600 mm/min
Workpiece Ø	20 – 800 mm
Voltage	230 V
Current type	DC
Dimensions (L x W x H)	520 x 470 x 390 mm
Weight	56 kg



SPV 30 weld positioning device - bench top model with manual operation
SPV 300 / SPV 300 HM weld positioning device – manual operation

- For fast and convenient welding from all sides
- Easy to use
- Manual adjustment of the working height
- Turntable can be positioned in vertical and horizontal direction



SPV 30



SPV 300 HM



SPV 300

Model		SPV 30	SPV 300	SPV 300 HM
Art. no.		1540030	1540300	1540305
Technical specifications				
Table tilt angle	°	360	360	22.5 / 45 / 90
Horizontal load-bearing capacity	kg	360	300	300
Vertical load-bearing capacity	kg	260	150	150
Rotary disc diameter	mm	260	300 x 300	300 x 300
Dimensions (L x W x H)	mm	630 x 350 x 280	1 427 x 1 200 x 1 018	600 x 600 x 710
Weight approx.	kg	28	135	86

Welding rotary table SDT 350 WM – with manual angle adjustment
Welding rotary table SDT 500 WE – with electrical angle adjustment

- For fast and convenient welding from all sides
- Easy to use
- Control electronics protected by robust and closed housing
- Start/Stop foot pedal
- Continuously variable speed of table with clockwise/anticlockwise action

SDT 500 WE

- Easy angle adjustment via rotary button

Experience our capability and request individual advice!

Contact: +49 (0951) 96 555-501
beratung@schweisskraft.de



SDT 350 WM



SDT 500 WE

Model		SDT 350 WM	SDT 500 WE
Art. no.		1541350	1541500
Technical specifications			
Drive type		electrical	
Table tilt angle	°	0 – 135	-45 – 90
Rotational speed	rpm	0 – 5	
Load-bearing capacity horizontal table position	kg	350	500
Load-bearing capacity vertical table position	kg	120	250
Rating	W	125	400
Supply voltage	V/Hz	230 / 50	
Reliable welding current	A	300	300
Rotary disc diameter	mm	330	550
Maximum bolt circle	mm	295	
Dimensions (L x W x H)	mm	410 x 470 x 475	770 x 650 x 660
Weight approx.	kg	38	220



Accessories SDT 350 WM / SDT 500 WE	Art. no.
Three-jaw chuck, load bearing capacity 120 kg	1541352

Accessories SDT 350 WM	Art. no.
Three-jaw chuck, load bearing capacity 30 kg	1541351

Accessories SDT 500 WE	Art. no.
Three-jaw chuck, load bearing capacity 240 kg	1541353

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ASSEMBLY AND WELDING TABLES ROTATING AND LIFTING PLATFORMS



MAT 300 S assembly and welding table – with slot plate and 300 kg load-bearing capacity

- Perfect for welding work preparation: workpieces can be easily clamped and tack welded in place
- Fixing, clamping, welding, assembly: Universally deployable thanks to comprehensive range of accessories
- Table slot width 10 mm
- Table with stable stance
- Feed height-adjustable by 6 cm
- Table top is also available individually and can also be used on existing base elements





Figure shows accessories (tensioners, levers, clamps)

Model		MAT 300 S
Art. no.		1520000
Technical specifications		
Load-carrying capacity	kg	300
Table height min./max.	mm	850 – 910
Dimensions (L x W x H)	mm	1200 x 800 x 850
Weight	kg	76

MAT 500 S height adjustable assembly and welding table – with Ø 28 mm perforated plate and 500 kg load-bearing capacity

- Perfect for welding work preparation: workpieces can be easily clamped and tack welded in place
- Fixing, clamping, welding, assembly: Universally deployable thanks to comprehensive range of accessories for an ergonomic and flexible work approach
- Table with stable stance
- Feed height-adjustable by 6 cm



Model		MAT 500 S
Art. no.		1520003
Technical specifications		
Load-carrying capacity	kg	500
Table height min./max.	mm	875 – 940
Dimensions (L x W x H)	mm	1200 x 800 x 875
Weight	kg	77

MAT 300 SH height adjustable assembly and welding table – with Ø 28 mm perforated plate and 300 kg load-bearing capacity

- Perfect for welding work preparation. Workpieces can be easily clamped and tack welded in place
- Fixing, clamping, welding, assembly: Universally deployable thanks to a comprehensive range of accessories and lifting function for an ergonomic and flexible work approach
- Rugged trolley frame "Made in Germany"





Figure shows accessories

- Application example with 1528188 clamp bolt Ø28 mm Allen key and 1528187 clamp bolt Ø28 mm clamping lever



- Clamping range of Vario clamp bolts 0 – 75 mm

Model		MAT 300 SH
Art. no.		1520002
Technical specifications		
Load-carrying capacity	kg	300
Table height min./max.	mm	460 – 1060
Dimensions (L x W x H)	mm	1200 x 800 x 460
Weight	kg	106

COMPREHENSIVE RANGE OF ACCESSORIES STARTS ON PAGE 176

Accessories for slot plates

Stop and clamping element 1528150

› With quick clamp for positioning in slots of width 8 - 10 mm without tools



Eccentric tensioner Ø 30 mm 1528152

› Made of steel with bronzed surface
› Dimensions: 100 x 44 mm





› Can be used as an eccentric clamp in combination with clamping element (1528150)

Pivot bearing with grub screw for eccentric clamp Ø 30 mm 1528154

› With M6 grub screw





› Can be used for clamping workpieces in combination with plate 180 x 40 mm (1528157), eccentric clamp (1528152) and clamping element (1528150)

Stop screw 1528155

› Stop diameter 30 mm, length 48 mm, M8 thread
› 2 nuts and 2 washers Ø 30 mm included in scope of delivery





› Can be used as a flexible stop in combination with bracket (1528158 or 1528159) and clamping element (1528150)

Plate 180 x 40 mm with thread 1528157

› M6 threaded hole
› Slot width 10.5 mm



Plate 200 x 60 mm 1528156

› Slot width 10.5 mm



Bracket 80 x 40 x 60 mm 1528158

› Slot width 12.5 mm



Bracket 80 x 80 x 60 mm 1528159

› Slot width 12.5 mm



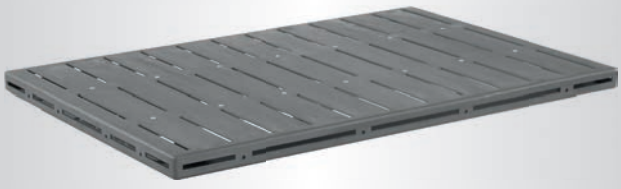
Adapter block 50 x 50 x 12 mm 1528160

› Made of aluminium



Table top made of metal 1520001

› Slot width 10 mm
› Dimensions (L x W x H): 1200 x 800 x 50 mm
› Weight 47 kg



Support and stop rail 1190 mm

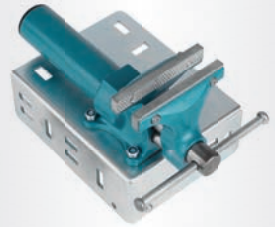
› Suitable as a long stop or for extended the work surface
› Zink-phosphated surface protects against corrosion and weld spatter
› Square steel tube 40 x 40 mm with 8 mm slots
› Two stop and clamping elements for positioning on slot plates without tools

With clamp for slots 8 - 10 mm 1528120

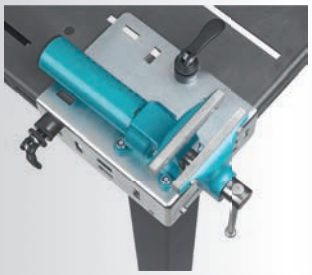


Vice	1528170	

› Horizontal and vertical attachment
› Quick adjustment in case of large clamping width differences without actuating the handle, preadjustment of opening width by reference to a scale
› Clamping force is 10 kN



Technical specifications		Vice
Span	mm	130
Clamping depth	mm	65
Jaw width	mm	120



› Figure shows horizontal fixation with two stop and clamping elements (1528150) - not included in scope of delivery

Starter set clamping system for assembly and work table with 8 - 10 mm slots	1528100	

› Clamping system for assembly and worktable for all popular aluminium sections and slot widths
› Press–turn-clamp, there can't be anything easier or quicker
› Click clamps can be used virtually anywhere, and are delivered to match profiles by all brand-name manufacturers with slot widths of 8 and 10 mm

Scope of delivery:

› Tidy panel with receiving pins
› 6 quick clamps Ø 30 mm
› 6 eccentric clamps Ø 30 mm made of PU
› 4 pivot bearings with grub screw for eccentric clamp Ø 30 mm
› 1 adapter platen round with clamp
› horizontal length 250 mm
› 1 adapter platen round with vertical clamp, length 250 mm
› 2 adapter blocks
› 4 adapter brackets 80 x 40 x 60 mm
› 4 stop screws
› 6 adapter platens 180 x 40 mm



Accessories for perforated plates

Vario clamp bolts		
16 S	1528186	
16 K	1528187	
28 S	1528188	
28 K	1528189	

› Compatible with popular welding tables, popular stop elements and existing accessories
› Extremely flexible use thanks to variable and continuous clamping range
› Very easy to adjust and operate thanks to new and patented clamping system
› Rugged and resistant



Model		16 S	16 K
Art. no.		1528186	1528187
Clamping		Hexagon socket	Hexagon socket
Starting torque		very high	high
Clamping range	mm	0 – 36	
Diameter	mm	16	16

Model		28 S	28 K
Art. no.		1528188	1528189
Clamping		Hexagon socket	Clamping lever
Starting torque		very high	high
Clamping range	mm	0 – 75	
Diameter	mm	28	28



› Clamping with a Vario clamp bolt 28 S with Allen key



› Toolless clamping with a Vario clamp bolt 28 K
› Continuous clamping of up to three stop elements

Vario clamp bolt set		
Ø 16 mm	1528192	
Ø 28 mm	1528193	

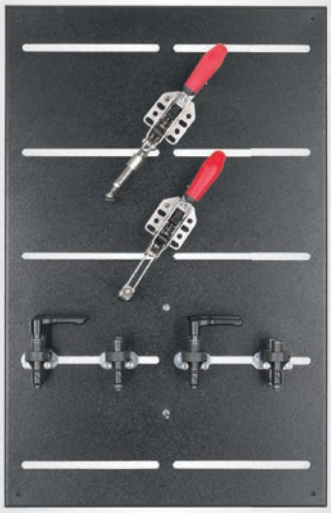
› 4 Vario clamp bolts each with hexagon socket and clamping lever fixation



Vario clamp bolt starter set

› Tidy panel with receiving pins
› 1 Horizontal clamp with clamping pins
› 1 Vertical clamp with clamping pins
› 4 Vario clamp bolts each with Allen key and clamping lever fixation

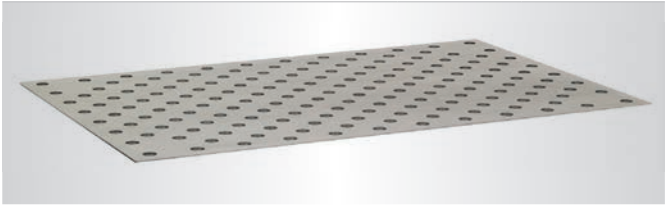
Ø 16 mm	1528190	
Ø 28 mm	1528191	



Top plate 1190 x 790 mm stainless steel

Top plate 1190 x 790 mm stainless steel	1528171	

› Hole diameter 28 mm
› Hole pattern identical to plates on MAT 300 SH and MAT 500 S



Support and stop rail 1190 mm

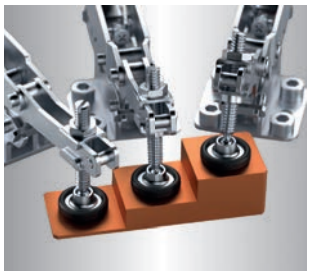
› Suitable as a long stop or for extended the work surface
› Zink-phosphated surface protects against corrosion and weld spatter
› Square steel tube 40 x 40 mm with 8 mm slots
› Two clamping bolts with clamping lever for positioning on perforated plates without tools

With clamping bolt Ø 16 mm	1528182	
With clamping bolt Ø 28 mm	1528183	



Premium quick release clamps with variable clamping height

› Continuous compensation function for workpieces with different clamping heights or widths without readjusting the spindles
› Zinc coated and passivated
› Ergonomic, oil-resistant handle or large hand support and soft component
› Captive lock for compression screw at end of clamping arm



› Continuous compensation function without readjusting the spindles

Suitable for slot plates

Horizontal clamp with round adapter platen, closed

› Suitable for fixation on slot plates with two stop and clamping elements, 1528150 (not included in scope of delivery)

Length 179 mm, clamping range 0 - 25 mm	1528161	
Length 253 mm, clamping range 0 - 35 mm	1528162	



Vertical clamp with round adapter platen, closed

› Suitable for fixation on slot plates with two stop and clamping elements, 1528150 (not included in scope of delivery)

Length 173 mm, clamping range 0 - 35 mm	1528163	
Length 244 mm, clamping range 0 - 40 mm	1528164	



Horizontal clamp on stand

› Height of stand 300 mm
› With clamping for slots 8 - 10 mm

Length 179 mm, clamping range 0 - 25 mm	1528165	
Length 253 mm, clamping range 0 - 35 mm	1528166	



Vertical clamp on stand

› Height of stand 300 mm
› With clamping for slots 8 - 10 mm

Length 173 mm, clamping range 0 - 35 mm	1528167	
Length 244 mm, clamping range 0 - 40 mm	1528168	



Suitable for perforated plates Ø 16 or 28 mm

Horizontal clamp with round adapter platen, open

› Suitable for fastening on perforated plates
› Fastening with two clamp bolts with washer (not included in scope of delivery)

Length 253 mm, clamping range 0 - 35 mm	1528172	



Vertical clamp with round adapter platen, open

› Suitable for fastening on perforated plates
› Fastening with two clamp bolts with washer (not included in scope of delivery)

Length 244 mm, clamping range 0 - 40 mm	1528173	



Clamping bolts with washer

› For fastening the adapter platen, round, open

Ø 16 mm	1528184	
Ø 28 mm	1528185	



Horizontal clamp with clamping bolts

› Length of clamp 253 mm
› Clamping range 0 - 35 mm
› With clamping for perforated plates

Ø 16 mm	1528176	
Ø 28 mm	1528174	



Vertical clamp with clamping bolts

› Length of clamp 244 mm
› Clamping range 0 - 40 mm
› With clamping for perforated plates

Ø 16 mm	1528177	
Ø 28 mm	1528175	



Vertical clamp on stand with clamping bolts for perforated plates

› Stand height 300 mm
› Clamping range 0 - 40 mm
› With clamping for perforated plates

Ø 16 mm	1528180	
Ø 28 mm	1528181	



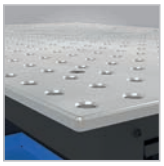
Horizontal clamp on stand with clamping bolts

› Stand height 300 mm
› Clamping range 0 - 35 mm
› With clamping for perforated plates

Ø 16 mm	1528178	
Ø 28 mm	1528179	



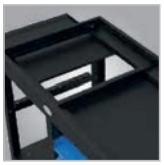
Siegmund Workstation



Perforated plate (1200 x 800 mm)
- Through-hardened tool steel X8.7



Base
- The combination of a based and rollers makes the Siegmund workstation mobile. The foot plates can be finely adjusted and ensure a precise work surface. (Optional roller)



Dirt protection
- There are two metal sheet under the table top that protect your tools against weld spatter and soiling. The two plates can be pulled out like drawers for cleaning.



Load bearing capacity
- The workstation with foot plates can bear a total weight of approx. 1 000 kg. Please note that the load-bearing capacity is reduced to approx. 400 kg when using the rollers.



Spacious
- There is a defined storage space for many articles in the workstation. Various accessories can be stored on the shelves. This means you have everything at hand. You can optionally complement your workstation with drawers at various heights. You will find space for all kinds of tools here. Retrofitting is possible at any time.

The workstation's smart design means that you always have your tools at hand at your workplace. This gives you a clear view, and keeps things tidy, and there is sufficient space for accessories.



Workstation dimensions (L x W x H): 1 200 x 800 x 850 mm
Weight of workstation without rollers or drawers: approx. 144 kg

Siegmund workstation basic package – the perfect workplace, modular system for any workshop

- Individually adaptable and extensible to suit your needs and requirements
- No matter whether you need to saw, drill or weld – the absolute all- rounder in any workshop!
- Scratch-resistant perforated with excellent impact resistance, high spot load, and long service life
- Two metals sheets under the perforated plate protect tools against soiling - can be pulled out for cleaning like drawers



Workstation basic package



Workstation basic package with 2 drawers
2 units 180 mm



Workstation basic package with 4 drawers
3 units 180 mm/1 unit 240 mm

Model	Art. no.		
Workstation basic package	191164001		
Workstation basic package with 2 drawers	191164003		
Workstation basic package with 4 drawers	191164005		
Workstation basic package incl. tool set A	191167321		
Workstation basic package incl. tool set B	191167341		
Workstation basic package incl. 2 drawers, incl. tool set A	191167322		
Workstation basic package incl. 2 drawers, incl. tool set B	191167342		
Workstation basic package incl. 4 drawers, incl. tool set A	191167323		
Workstation basic package incl. 4 drawers, incl. tool set B	191167343		

Technical specifications	Siegmund Workstation
Length of table top	1 200 mm
Width of table top	800 mm
Table height	850 mm
Table top material thickness	12 mm
Table top basic hardness	280 – 340 Vickers
Hole diameter	16 mm
Drilling distance	50 mm
Load bearing capacity	1 000 kg

Scope of delivery Workstation basic package
- Perforated plate tool steel X8.7
- Clamp holder
- Siegmund Workstation base frame
- Tray
- Bolt and prism holder
- Tool wall incl. tray

Accessories for workstation basic package



Accessories	Art. no.	€ plus VAT.
① Workstation base frame	194004002	
② Tray	194004020	
③ Tool wall incl. tray	194004025	
④ Version with 4 rollers	194004100	
⑤ Drawer 60 mm	194004200	
⑥ Drawer 120 mm	194004205	
⑦ Drawer 180 mm	194004210	
⑧ Drawer 240 mm	194004215	
⑨ Clamp holder	194164030	
⑩ Bolt and prism holder	194164035	
⑪ **Tool set A** ▶ 2 screw clamps ▶ 6 quick-release clamping pins ▶ 4 stops ▶ 1 Allen key	194167320	
⑫ **Tool set B** 4 screw clamps ▶ 8 quick-release clamping pins ▶ 6 stops ▶ 2 stop and clamping brackets ▶ 1 Allen key ▶ 1 vice 100 mm	194167340	
⑬ Eccentric stop Ø 75 mm - nitrided	194160403 N	
⑭ Flex stop 12 x 83 mm - aluminium	194160412	
⑮ Universal stop 80 L - nitrided	193160410 N	
⑯ Universal stop 115 L - nitrided	193160420 N	
⑰ Angle setting template - nitrided	194160455 N	
⑱ Stop and clamping brackets 50 L - nitrided	194160105 N	
⑲ Stop and clamping brackets 90 X - nitrided	193160108 N	
⑳ Stop and clamping brackets 90 L - nitrided	193160110 N	
㉑ Stop and clamping brackets 300 G - nitrided	193160162 N	
㉒ Stop and clamping brackets 500 G - nitrided	194160164 N	
㉓ Stop and clamping brackets 500 GK left - nitrided	193160134 N	
㉔ Stop and clamping brackets 500 GK right - nitrided	193160136 N	

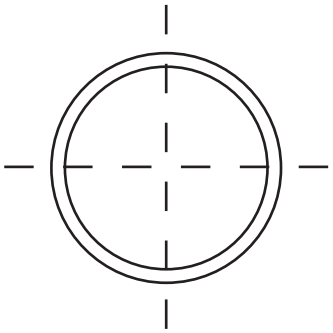
Accessories	Art. no.	€ plus VAT.
㉕ Quick-release clamping pins short - bronzed	193160510	
㉖ Quick-release clamping pins long - bronzed	194160512	
㉗ Ball studs flat short - bronzed	194160522	
㉘ Ball studs flat long - bronzed	194160523	
㉙ Countersunk pins short - bronzed	194160528	
㉚ Socket pins - bronzed	194160540	
㉛ Connecting pins short - nitrided	194160560 N	
㉜ Magnetic clamping pins 34 mm - aluminium	194160740	
㉝ Professional vice - bronzed / nitrided	193160610	
㉞ Professional vice 45°/90° - bronzed	193160630	
㉟ Pipe vice universal - bronzed	194160604	
㊱ Basic vice - bronzed	194160620	
㊲ Prism for vices - bronzed / nitrided	194160656	
㊳ Duo Prisma Ø 25 mm - bronzed / nitrided	194160650	
㊴ Vario prism Ø 50 mm 90°/120° with bolted in collar - nitrided	1931606451 N	
㊵ Reducing sleeve 28 mm -› 16 mm - bronzed	194000546	
㊶ Allen key 4 mm	193160852	
㊷ Torch holder - bronzed	193160920	
㊸ Brush Ø 17 mm with protective cap	193160820	
㊹ Combined oilstone 150 x 50 x 25 mm	193000942	
㊺ CleanBasic 1 litre in spray bottle	193000914	
㊻ CleanBasic 5 litres	194000915	
㊼ Non-stick with corrosion protection 1 litre in spray bottle	194000924	
㊽ Non-stick with corrosion protection 1 litre in pump bottle	194000929	
㊾ Non-stick with corrosion protection 5 litres	194000926	
㊿ Premium vice 100 mm	194004300	

Options (only available ex works)	Art. no.
Surcharge for plasma nitriding	156164004XX

System 16 – For filigree applications

- We recommend System 16 for simple setups with a low weight up to max. approx. 1,000 kg per foot and basic equipment. The standard hole spacing of 50 mm gives you the ability to clamp small parts without any worries.
- Thanks to the carefully considered Siegmund modular design, all systems can be connected via connect elements.

DRILL HOLE Ø 16 mm



- 1. Drill holes, surface 50 x 50 mm grid
- 2. Drill hole radius 2 mm
- 3. Corner and edge radius 3 / 6 mm
- 4. High side bolster 100 mm hole, side bolster spacing 25 mm
- 5. Includes scale on the surface
- 6. Design reinforced by ribs

MATERIAL
- Material thickness, approx. 11.5 – 13 mm

PROFESSIONAL 750
- Plasma nitrided and BAR coated

PROFESSIONAL EXTREME 8.7
- Through hardened tool steel X8.7, plasma nitrided and BAR coated

PROFESSIONAL EXTREME 8.7 PLUS
- Through hardened tool steel X8.7, plasma nitrided and BAR coated; **High side bolster 150 mm**

Materials compared

Model	PROFESSIONAL 750 with plasma nitriding	PROFESSIONAL EXTREME 8.7 with plasma nitriding	PROFESSIONAL EXTREME 8.7 PLUS with plasma nitriding
Vickers hardness	**Basic hardness:** approx. 165 – 220 Vickers **Surface hardness:** approx. 450 – 750 Vickers	**Basic hardness:** approx. 280 – 340 Vickers **Surface hardness:** approx. 450 – 850 Vickers	**Basic hardness:** approx. 280 – 340 Vickers **Surface hardness:** approx. 450 – 850 Vickers
Material	Specific base material S355J2+N, plasma nitrided	Through-hardened tool steel made of special alloy Siegmund X8.7	Through-hardened tool steel made of special alloy Siegmund X8.7
Side bolster	100 mm	100 mm	150 mm
Basic hardness	★★	★★★★★★	★★★★★★
Surface hardness	★★★★★★	★★★★★★★★	★★★★★★★★
Impact strength	★★★	★★★★★★★	★★★★★★★
Scratch resistance	★★★★	★★★★★★	★★★★★★
Protection against weld spatter	★★★★★★	★★★★★★★	★★★★★★★
Corrosion resistance	★★★★★★	★★★★★★	★★★★★★
Spot load	★★★★	★★★★★★	★★★★★★
Evenness in new condition	★★★★★★★	★★★★★★★	★★★★★★★
Evenness maintained after heavy load	★★★	★★★★★	★★★★★
Lifetime	★★★★★	★★★★★★	★★★★★★

Welding table Professional 750 plasma-nitrided - surface hardness up to 750 Vickers!

- The drill holes have a diameter of 16 mm
- The table is made of premium steel S355J2+N gefertigt, plasma nitrided and BAR coated
- The welding tables are equipped with a scale as standard
- Protection against rust, scratches and weld spatter adhesion
- Plasma-nitrided by thermochemical process, thus more corrosion-resistant and higher load capacity of the welding table



Professional 750 2 400x1 200x100

Welding table Professional 750 made of **premium steel S355J2+N plasma nitrided**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Professional 750 1 200x1 200x100	2 000 kg	1 200 mm	1 200 mm	850 mm	261 kg	190160015P	
Professional 750 2 000x1 000x100		2 000 mm	1 000 mm		354 kg	190160020P	
Professional 750 2 400x1 200x100	3 000 kg	2 400 mm	1 200 mm		503 kg	190160030P	
Professional 750 3 000x1 500x100*	4 000 kg	3 000 mm	1 500 mm		758 kg	190160040P	

Welding table Professional Extreme 8.7 plasma-nitrided - surface hardness up to 850 Vickers!

- The drill holes have a diameter of 16 mm
- The table top is made of through-hardened tool steel X8.7, plasma-nitrided and BAR-coated
- The welding tables are equipped with a scale as standard
- Protection against rust, scratches and weld spatter adhesion
- Plasma-nitrided by thermochemical process, thus more corrosion-resistant and higher load capacity of the welding table
- **Side panel with diagonal grid**



Professional Extreme 8.7–4 000 x 2 000 x 100

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Professional Extreme 8.7 **made of through-hardened tool steel X8.7 plasma-nitrided**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Professional Extreme 8.7 - 1000x500x100	2 000 kg	1000 mm	500 mm	850 mm	126 kg	190160005X7D	
Professional Extreme 8.7 - 1000x1000x100			1000 mm		192 kg	190160010X7D	
Professional Extreme 8.7 - 1200x800x100		1 200 mm	800 mm		193 kg	190160025X7D	
Professional Extreme 8.7 - 1200x1200x100			1 200 mm		259 kg	190160015X7D	
Professional Extreme 8.7 - 1500x1000x100		1500 mm	1000 mm		279 kg	190160035X7D	
Professional Extreme 8.7 - 1500x1500x100			1500 mm		394 kg	190160050X7D	
Professional Extreme 8.7 - 2000x1000x100		2 000 mm	1000 mm		351 kg	190160020X7D	
Professional Extreme 8.7 - 2000x1200x100			1 200 mm		412 kg	190160060X7D	
Professional Extreme 8.7 - 2400x1200x100	3000 kg	2400 mm	1 200 mm		499 kg	190160030X7D	
Professional Extreme 8.7 - 3000x1500x100	4 000 kg	3000 mm	1500 mm		753 kg	190160040X7D	
Professional Extreme 8.7 - 4000x2000x100	4 000 kg	4000 mm	2 000 mm		1 255 kg	190160055X7D	

Welding table Professional Extreme 8.7 PLUS plasma-nitrided -surface hardness up to 850 Vickers!

- Professional Extreme PLUS with extra high side bolster for particularly challenging applications. More options than ever before.
- The high side bolster and ribs improve the table's strength and reduce deformation under load.
- Material thickness, approx. 11.5 – 13 mm
- Side bolster made of premium steel S355J2+N + plasma nitriding
- Drill holes, surface 50 x 50 mm grid
- Corners, edges and holes rounded
- Holes in side bolster 3 rows with 25 mm spacing, 2 rows with 50 mm spacing
- Includes scale on the surface
- Design reinforced by ribs
- Grid lines enable precise setups



Professional Extreme 8.7 PLUS 1 500x1 000x150

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Professional Extreme 8.7 PLUS **made of through-hardened tool steel X8.7 plasma-nitrided**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Professional Extreme 8.7 PLUS 1 200x1 200x150	2 000 kg	1 200 mm	1 200 mm	850 mm	264 kg	190160015X7PL	
Professional Extreme 8.7 PLUS 1 500x1 000x150		1 500 mm	1 000 mm		290 kg	190160035X7PL	
Professional Extreme 8.7 PLUS 2 000x1 000x150		2 000 mm	1 000 mm		374 kg	190160020X7PL	
Professional Extreme 8.7 PLUS 2 400x1 200x150	3 000 kg	2 400 mm	1 200 mm		518 kg	190160030X7PL	
Professional Extreme 8.7 PLUS 3 000x1 500x150	4 000 kg	3 000 mm	1 500 mm		815 kg	190160040X7PL	
Professional Extreme 8.7 PLUS 4 000x2 000x150	4 000 kg	4 000 mm	2 000 mm		1 411 kg	190160055X7PL	

Accessories for welding tables System 16 mm



Accessories	Set 1 System 16	Set 2 System 16	Set 3 System 16	Set 4 System 16	Set 5 System 16
Art. no.	193163100	193163200	193163300	193163400	193163500
㉑ Vice bronzed / nitrided	4 x	6 x	8 x	10 x	12 x
㉒ Vice 45°/90° bronzed		2 x	4 x	4 x	6 x
㉓ Prism nitrided 90°/120°		4 x	4 x	8 x	8 x
⑳ Clamp bolt bronzed 53 mm	12 x	18 x	24 x	30 x	36 x
⑨ Stop nitrided 80 mm		4 x	4 x	8 x	8 x
⑩ Stop nitrided 115 mm	4 x	6 x	8 x	10 x	12 x
⑪ Bracket nitrided 25 mm	4 x	6 x	8 x	10 x	12 x
⑫ Bracket nitrided 90 mm	4 x	6 x	8 x	10 x	12 x
⑬ Bracket nitrided 300 mm		2 x	2 x	4 x	4 x
⑯ + ⑰ Rotary bracket nitrided 250 mm left + right				1 x + 1 x	1 x + 1 x
⑭ + ⑮ Bracket nitrided 500 mm left + right			1 x + 1 x	1 x + 1 x	1 x + 1 x
⑱ + ⑲ Bracket nitrided 750 mm left + right					1 x + 1 x
㉔ Tool trolley				1 x	1 x

Options (only available ex works)	Art. no.
① Foot basic equipment 850	193160857X
② Surcharge for height-adjustable foot 550-950	193160877XX
③ Surcharge per foot with floor anchor 750	193160875XX
④ Surcharge per foot with steering roller and parking brake 750	193160876XX
⑤ Surcharge per heigh-adjustable foot with steering roller and parking brake 600-900	193160879XX

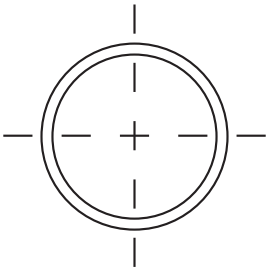
Accessories	Art. no.
⑦ Non-stick with corrosion protection 1 litre in spray bottle	194000924
⑧ Eccentric stop Ø 75 mm with M10 thread - nitrided	193160402 N
⑨ Universal stop 80 L - nitrided	193160410 N
⑩ Universal stop 115 L - nitrided	193160420 N
⑪ Stop and clamping brackets 90 X - nitrided	193160108 N
⑫ Stop and clamping brackets 90 L - nitrided	193160110 N
⑬ Stop and clamping brackets 300 G - nitrided	193160162 N
⑭ Stop and clamping brackets 500 GK right - nitrided	193160136 N
⑮ Stop and clamping brackets 500 GK left - nitrided	193160134 N

Accessories	Art. no.
⑯ Stop and clamping brackets 250 G with rotary bracket left - cast/nitrided	193160161 N
⑰ Stop and clamping brackets 250 G with rotary bracket right - cast/nitrided	193160163 N
⑱ Stop and clamping brackets 750 GK right - nitrided	193160148 N
⑲ Stop and clamping brackets 750 GK left - nitrided	193160146 N
⑳ Quick-release clamping pins short - bronzed	193160510
㉑ Professional vice - bronzed / nitrided	193160610
㉒ Professional vice 45°/90° - bronzed	193160630
㉓ Vario prism Ø 50 mm 90°/120° with bolted in collar - nitrided	1931606451 N
㉔ Tool trolley	193160910
㉕ Brush Ø 17 mm with protective cap	193160820
㉖ Torch holder - bronzed	193160920
㉗ Allen key 4	193160852
㉘ Combined oilstone 150 x 50 x 25 mm	193000942
㉙ Vice Premium 100	194004300
㉚ BENCH press	193160780

System 22 – For heavy applications

- Professional 750 welding tables are made of premium steel S355J2+N and additionally plasma nitrided and coated. Due to the higher load-bearing capability of the welding table, it is perfectly suited for machining heavy parts.
- A diagonal grid nearly doubles the clamping options on this welding table.

DRILL HOLE Ø 22 mm



- 1. Drill holes, surface in diagonal grid or 100 x 100 mm grid
- 2. Drill hole radius 2.5 mm
- 3. Corner and edge radius 3 / 6 mm
- 4. High side bolster 150 mm hole, side bolster spacing 50 mm
- 5. Includes scale on the surface
- 6. Design reinforced by ribs

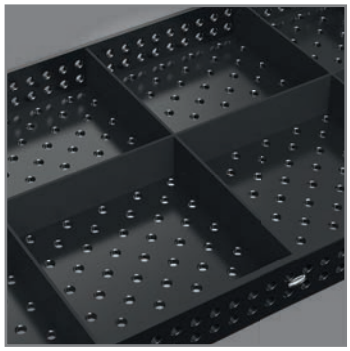
MATERIAL
- Material thickness, approx. 17 – 19 mm

PROFESSIONAL 750
- Plasma nitrided and BAR coated

PROFESSIONAL EXTREME 8.7 PLUS
- Through hardened tool steel X8.7, plasma nitrided and BAR coated; **High side bolster 250 mm**

Model	PROFESSIONAL 750
Material	Premium steel S355J2+N, Plasma nitrided and BAR coated
Plasma nitriding	✓
Basic hardness	approx. 165 – 220 Vickers
Surface hardness	approx. 450 – 750 Vickers
Material thickness	approx. 17 – 19 mm
Side bolster	150 mm
Diagonal grid	✓
Scale	✓





Welding table Professional 750 plasma-nitrided - surface hardness up to 750 Vickers!

- Hole arrangement in 100 mm grid on the table top and a parallel hole arrangement in a 50 mm grid on the sides. The drill holes have a diameter of 22 mm
- The table is made of premium steel S355J2+N gefertigt, plasma nitrided and BAR coated
- The welding tables are equipped with a scale as standard
- Protection against rust, scratches and weld spatter adhesion
- Plasma-nitrided by thermochemical process, thus more corrosion-resistant and higher load capacity of the welding table

22 mm



Plasma nitrided

Professional 750
1 000x1 000x150

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Welding table Professional 750 made of **premium steel S355J2+N plasma nitrided**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Professional 750 1 000x1 000x150	4 000 kg	1 000 mm	1 000 mm	850 mm	296 kg	190220010P	
Professional 750 1 200x1 200x150		1 200 mm	1 200 mm		387 kg	190220015P	
Professional 750 1 500x1 000x150		1 500 mm	1 000 mm		412 kg	190220035P	
Professional 750 1 500x1 500x150		1 500 mm	1 500 mm		573 kg	190220050P	
Professional 750 2 000x1 000x150		2 000 mm	1 000 mm		519 kg	190220020P	
Professional 750 2 400x1 200x150		2 400 mm	1 200 mm		740 kg	190220030P	
Professional 750 3 000x1 500x150	6 000 kg	3 000 mm	1 500 mm		1 097 kg	190220040P	

Welding table Professional Extreme 8.7 plasma-nitrided – with diagonal grid

- Diagonal hole arrangement on the table top and a parallel hole arrangement in a 50 mm grid on the sides. The drill holes have a diameter of 22 mm
- The table is made of premium steel S355J2+N gefertigt, plasma nitrided and BAR coated
- The welding tables are equipped with a scale as standard
- Protection against rust, scratches and weld spatter adhesion
- Plasma-nitrided by thermochemical process, thus more corrosion-resistant and higher load capacity of the welding table



Professional 750 3 000x1 500x150

Welding table Professional Extreme 8.7 **made of through-hardened tool steel X8.7 plasma-nitrided with diagonal grid**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Professional Extreme 8.7 - 1 000x1 000x150	4 000 kg	1 000 mm	1 000 mm	850 mm	295 kg	190220010XD7	
Professional Extreme 8.7 - 1 200x800x150		1 200 mm	800 mm		291 kg	190220025XD7	
Professional Extreme 8.7 - 1 200x1 200x150		1 200 mm	1 200 mm		387 kg	190220015XD7	
Professional Extreme 8.7 - 1 500x1 000x150		1 500 mm	1 000 mm		412 kg	190220035XD7	
Professional Extreme 8.7 - 1 500x1 500x150		1 500 mm	1 500 mm		573 kg	190220050XD7	
Professional Extreme 8.7 - 2 000x1 000x150		2 000 mm	1 000 mm		519 kg	190220020XD7	
Professional Extreme 8.7 - 2 000x2 000x150		2 000 mm	2 000 mm		929 kg	190220045XD7	
Professional Extreme 8.7 - 2 400x1 200x150		2 400 mm	1 200 mm		725 kg	190220030XD7	
Professional Extreme 8.7 - 3 000x1 500x150	6 000 kg	3 000 mm	1 500 mm		1 073 kg	190220040XD7	
Professional Extreme 8.7 - 4 000x2 000x150	8 000 kg	4 000 mm	2 000 mm		1 807 kg	190220055XD7	

Welding table Professional Extreme 8.7 PLUS plasma-nitrided - surface hardness up to 850 Vickers!

- Professional Extreme PLUS with extra high side bolster for particularly challenging applications. More options than ever before.
- The high side bolster and ribs improve the table's strength and reduce deformation under load.
- Material thickness, approx. 17 – 19 mm
- Side bolster made of premium steel S355J2+N + plasma nitriding
- Drill holes, surface in diagonal grid
- Corners, edges and holes rounded
- Holes in side bolster 4 rows with 50 mm spacing
- Includes scale on the surface
- Design reinforced by ribs
- Grid lines enable precise setups



Professional Extreme 8.7 PLUS 4 000x2 000x250

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Professional Extreme 8.7 PLUS **made of through-hardened tool steel X8.7 plasma-nitrided**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Professional Extreme 8.7 PLUS 1 200x1 200x250	4 000 kg	1 200 mm	1 200 mm	850 mm	432 kg	190220015XD7PL	
Professional Extreme 8.7 PLUS 1 500x1 000x250		1 500 mm	1 000 mm		466 kg	190220035XD7PL	
Professional Extreme 8.7 PLUS 2 000x1 000x250		2 000 mm	1 000 mm		595 kg	190220020XD7PL	
Professional Extreme 8.7 PLUS 2 400x1 200x250		2 400 mm	1 200 mm		808 kg	190220030XD7PL	
Professional Extreme 8.7 PLUS 3 000x1 500x250	6 000 kg	3000 mm	1 500 mm		1 226 kg	190220040XD7PL	
Professional Extreme 8.7 PLUS 4 000x2 000x250	8 000 kg	4 000 mm	2 000 mm		2 061 kg	190220055XD7PL	

Accessories for welding tables System 22 mm



Accessories	⑥ Set 1 System 22(1)	⑦ Set 2 System 22(1)	⑧ Set 3 System 22(1)	⑨ Set 4 System 22(1)	⑩ Set 5 System 22(1)
Art. no.	193223100	193223200	193223300	193223400	193223500
⑫ Vice - bronzed	4 x	6 x	10 x	12 x	14 x
⑬ Vice 45°/90° - bronzed	2 x	4 x	6 x	8 x	10 x
⑭ Vario prism Ø 50 90° / 120°		4 x	4 x	8 x	8 x
⑮ Quick-release clamping pins - bronzed	12 x	18 x	24 x	30 x	30 x
Magnetic clamping pins 60		4 x	4 x	8 x	8 x
⑯ Universal stop 150 L - nitrided	4 x	6 x	8 x	10 x	12 x
⑰ Universal stop 225 L - nitrided	4 x	6 x	8 x	10 x	12 x
Universal stop 300 - nitrided		2 x	2 x	2 x	4 x
⑱ Universal stop 500 S - nitrided				2 x	4 x
⑲ Stop and clamping brackets 175 L	2 x	4 x	6 x	8 x	10 x
⑳ Stop and clamping brackets 300 G	2 x	2 x	2 x		
Stop and clamping brackets 300 x 195				2 x	2 x
㉑ Stop and clamping brackets 500 G				2 x	2 x
㉒ Stop and clamping brackets 500 G with rotary bracket left - nitrided				1 x	1 x
㉓ Stop and clamping brackets 500 G with rotary bracket right - nitrided				1 x	1 x
Stop and clamping brackets 800 GK left - nitrided					1 x
Stop and clamping brackets 800 GK right - nitrided					1 x
㉔ Tool trolley				1 x	1 x

(1) Incl. eccentric, allen key, 1 brush Ø 17 with protective cap, oilstone, 1 sample bottle CleanBasic cleaning agent, 1 sample bottle non-stick with corrosion protection

Options (only available ex works)	Art. no.
① Foot basic equipment 800	193220857X
② Surcharge for height-adjustable foot 500-800	193220878XX
② Surcharge for height-adjustable foot 550-900	193220877XX
③ Surcharge for foot with floor anchor 700	193220874XX
④ Surcharge for foot with steering roller and parking brake 700	193220866XX
⑤ Surcharge for height-adjustable foot with steering roller and parking brake 600-850	193220879XX

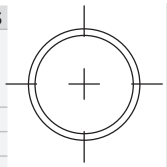
Accessories	Art. no.
⑪ Sub table box for System 22	1932209901
⑫ Professional vice - bronzed	1932206101
⑬ Professional vice 45°/90° - bronzed	1932206301
⑭ Vario prism Ø 50 90°/120° with bolted in collar - bronzed	1932206451
⑮ Quick-release clamping pins without slot 2x - bronzed	19322511
Magnetic clamping pins 60	193220740
⑯ Universal stop 150 L - nitrided	193220410 N
⑰ Universal stop 225 L - nitrided	193220420 N

Accessories	Art. no.
Universal stop 300 - nitrided	193220426 N
⑱ Universal stop 500 S - nitrided	193220430 N
⑲ Stop and clamping brackets 175 L - nitrided	193220110 N
⑳ Stop and clamping brackets 300 G - nitrided	193220152 N
Stop and clamping brackets 300 x 195 - nitrided	193220116 N
㉑ Stop and clamping brackets 500 G - nitrided	193220162 N
㉒ Stop and clamping brackets 500 G with rotary bracket left - nitrided	193220164 N
㉓ Stop and clamping brackets 500 G with rotary bracket right - nitrided	193220165 N
Stop and clamping brackets 800 GK left - nitrided	193220144 N
Stop and clamping brackets 800 GK right - nitrided	193220146 N
㉔ Tool trolley	193220910
㉕ Premium vice 125 mm incl. 2x reducing socket	193224302SET

System 28 – For heavy applications

- If you want to implement different projects - or mainly have large projects, System 28 is the ideal choice. The basic feet can each support a lead of approx. 2,000 kg.
  The selection of accessories includes solid clamps which allow you to safely keep even large and heavy superstructures in place.
- Thanks to the carefully considered Siegmund modular design, all systems can be connected via connect elements.

Model	PROFESSIONAL EXTREME 8.7	PROFESSIONAL EXTREME 8.8 PLUS
Material	Through-hardened tool steel made of special alloy Siegmund X8.7	Through-hardened tool steel made of special alloy Siegmund X8.8
Plasma nitriding	✓	✓
Basic hardness	approx. 280 – 340 Vickers	approx. 360 – 420 Vickers
Surface hardness	approx. 450 – 850 Vickers	approx. 500 – 900 Vickers
Material thickness	approx. 24.5 – 27 mm	approx. 24.5 – 27 mm
Side bolster	200 mm	**300 mm**
Diagonal grid	✓	✓
Scale	✓	✓
Basic hardness	★★★★★★	★★★★★★
Surface hardness	★★★★★★★★	★★★★★★★★
Impact strength	★★★★★★★	★★★★★★★
Scratch resistance	★★★★★★	★★★★★★
Protection against weld spatter	★★★★★★★	★★★★★★★
Corrosion resistance	★★★★★★	★★★★★★
Spot load	★★★★★★	★★★★★★
Evenness in new condition	★★★★★★★	★★★★★★★
Evenness maintained after heavy load	★★★★★	★★★★★
Lifetime	★★★★★★	★★★★★★



DRILL HOLE Ø 28 mm

MATERIAL
- Material thickness, approx. 24.5 – 27 mm

PROFESSIONAL 750
- Plasma nitrided and BAR coated

PROFESSIONAL EXTREME 8.7
- Through hardened tool steel X8.7, plasma nitrided and BAR coated

PROFESSIONAL EXTREME 8.8 PLUS
- Through hardened tool steel X8.7, plasma nitrided and BAR coated; **High side bolster 300 mm**

- 1. Drill holes, surface in diagonal grid or 100 x 100 mm grid
- 2. Drill hole radius 3 mm
- 3. Corner and edge radius 3 / 6 mm
- 4. High side bolster 200 mm hole, side bolster spacing 50 mm
- 5. Includes scale on the surface
- 6. Design reinforced by ribs

Professional Extreme 8.7 welding table plasma-nitrided and with a diagonal grid - surface hardness up to 750 Vickers

- The drill holes have a diameter of 28 mm
- The table is made of premium steel S355J2+N gefertigt, plasma nitrided and BAR coated
- The welding tables are equipped with a scale as standard
- Protection against rust, scratches and weld spatter adhesion
- Plasma-nitrided by thermochemical process, thus more corrosion-resistant and higher load capacity of the welding table

28 mm



Plasma nitrided

Diagonal grid

Professional 750 1 000x1 000x200



Welding table Extreme 8.7 made of **premium steel X8.7 plasma nitrided and with diagonal grid**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Professional Extreme 8.7 - 1 000x1 000x200		1 000 mm	1 000 mm		400 kg	190280010PD	
Professional Extreme 8.7 - 1 200x1 200x200		1 200 mm	1 200 mm		521 kg	190280015PD	
Professional Extreme 8.7 - 1 200x800x200		1 200 mm	800 mm		392 kg	190280025PD	
Professional Extreme 8.7 - 1 500x1 000x200		1 500 mm	1 000 mm		554 kg	190280035PD	
Professional Extreme 8.7 - 1 500x1 500x200	4 000 kg	1 500 mm	1 500 mm		767 kg	190280050PD	
Professional Extreme 8.7 - 2 000x1 000x200		2 000 mm	1 000 mm	850 mm	699 kg	190280020PD	
Professional Extreme 8.7 - 2 000x1 200x200		2 000 mm	1 200 mm		806 kg	190280060PD	
Professional Extreme 8.7 - 2 000x2 000x200		2 000 mm	2 000 mm		1 240 kg	190280045PD	
Professional Extreme 8.7 - 2 400x1 200x200		2 400 mm	1 200 mm		947 kg	190280030PD	
Professional Extreme 8.7 - 3 000x1 500x200	6 000 kg	3 000 mm	1 500 mm		1 425 kg	190280040PD	
Professional Extreme 8.7 - 4 000x2 000x200	8 000 kg	4 000 mm	2 000 mm		2 384 kg	190280055PD	

Welding table Professional Extreme 8.8 PLUS plasma-nitrided - surface hardness up to 850 Vickers!

- Professional Extreme PLUS with extra high side bolster for particularly challenging applications. More options than ever before
- Design reinforced by ribs
- Grid lines enable precise setups
- The high side bolster and ribs improve the table's strength and reduce deformation under load
- Material thickness, approx. 24.5 – 27 mm
- Side bolster made of premium steel S355J2+N + plasma nitriding
- Drill holes, surface in diagonal grid
- Corners, edges and holes rounded
- Holes in side bolster 3 rows with 50 mm spacing, 2 rows with 100 mm spacing
- Includes scale on the surface



Professional Extreme 8.8 PLUS 1500x1000x300

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Professional Extreme 8.8 PLUS **made of through-hardened tool steel X8.8 plasma-nitrided**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Professional Extreme 8.8 PLUS 1 200x1 200x300		1 200 mm	1 200 mm		582 kg	19028001 5XD8PL	
Professional Extreme 8.8 PLUS 1 500x1 000x300		1 500 mm	1 000 mm		625 kg	190280035XD8PL	
Professional Extreme 8.8 PLUS 1 500x1 500x300	4 000 kg	1 500 mm	1 500 mm		871 kg	190280050XD8PL	
Professional Extreme 8.8 PLUS 2 000x1 000x300		2 000 mm	1 000 mm	850 mm	796 kg	190280020XD8PL	
Professional Extreme 8.8 PLUS 2 400x1 200x300		2 400 mm	1 200 mm		1 072 kg	190280030XD8PL	
Professional Extreme 8.8 PLUS 3 000x1 500x300	6 000 kg	3 000 mm	1 500 mm		1 611 kg	190280040XD8PL	
Professional Extreme 8.7 PLUS 4 000x2 000x300	8 000 kg	4 000 mm	2 000 mm		2 686 kg	190280055XD8PL	

Accessories for welding tables System 28 mm



Accessories	Set 1 System 28	Set 2 System 28	Set 3 System 28	Set 4 System 28	Set 5 System 28
Art. no.	193283100	193283200	193283300	193283400	193283500
(22) Vice nitrided	4 x	6 x	10 x	14 x	14 x
(23) Vice nitrided 45°/90°	2 x	4 x	6 x	10 x	10 x
(24) Prism nitrided 135°	2 x	4 x	4 x	6 x	8 x
(20) Pin bronzed 95 mm	12 x	18 x	24 x	30 x	36 x
(21) Magnetic clamping pins		4 x	4 x	8 x	8 x
(8) Stop nitrided 150 mm	4 x	6 x	8 x	10 x	12 x
(9) Stop nitrided 225 mm	4 x	6 x	8 x	10 x	12 x
(10) Stop nitrided 500 mm				4 x	4 x
(11) Bracket nitrided 175 mm	2 x	4 x	6 x	8 x	12 x
(13) Bracket nitrided 300 mm	2 x	2 x	2 x	2 x	2 x
(12) Bracket nitrided 500 mm		2 x	2 x	2 x	2 x
(16) + (17) Rotary bracket nitrided 500 mm				1 x + 1 x	1 x + 1 x
(14) + (15) Bracket nitrided 750 mm			1 x + 1 x	1 x + 1 x	1 x + 1 x
(18) + (19) Bracket nitrided 800 mm					1 x + 1 x
(25) Tool trolley				1 x	1 x

Options (only available ex works)	Art. no.
Basic foot 750 instead of basic foot 650	193280857X
(1) Surcharge per height-adjustable foot 450-700	193280878XX
(2) Surcharge per height-adjustable foot 550-900	193280877XX
(3) Surcharge per foot with steering roller and parking brake	193280876XX
(4) Surcharge per height-adjustable foot with steering roller and parking brake 550-750	193280879XX
(5) Surcharge per foot with floor anchor	193280874XX

Accessories	Art. no.
(6) Sub table box for System 28	1932809901
(7) Eccentric stop Ø 60 mm with M10 thread - nitrided	193280402 N
(8) Universal stop 150 L - nitrided	193280410 N
(9) Universal stop 225 L - nitrided	193280420 N
(10) Universal stop 500 S - nitrided	193280430 N
(11) Stop and clamping bracket 175 L - nitrided	193280110 N
(12) Stop and clamping bracket 500 G - nitrided	193280162 N
(13) Stop and clamping bracket 300 G - nitrided	193280152 N
(14) Stop and clamping bracket 750 GK left - nitrided	193280166 N
(15) Stop and clamping brackets 750 GK right - nitrided	193280167 N
(16) Stop and clamping bracket 500 G with rotary bracket left - cast/nitrided	193280164 N
(17) Stop and clamping bracket 500 G with rotary bracket right - cast/nitrided	193280165 N
(18) Stop and clamping bracket 800 GK left - nitrided	193280144 N
(19) Stop and clamping bracket 800 GK right - nitrided	193280146 N
(20) Quick-release clamping pins short - bronzed	193280510
(21) Quick-release clamping pins short - bronzed without nut	193280510
(22) Magnetic clamping pins 68 mm	193280740
(23) Professional vice - bronzed / nitrided	193280610 N
(24) Professional vice 45°/90° - nitrided	193280630 N

Accessories	Art. no.
(25) Prism Ø 50 mm 135° with bolted in collar - nitrided	1932806481 N
(26) Tool trolley	193280910
(27) Brush Ø 30 mm with protective cap	193280820
(28) Torch holder - bronzed	193280920
(29) Allen key 6 mm	1932808521
(30) Combined oilstone 200 x 50 x 25 mm	193000940
(31) Stop and clamping bracket 175 L - nitrided	193280109 N
(32) Stop and clamping bracket 300 GK left - nitrided	193280124 N
(33) Stop and clamping bracket 300 GK right - nitrided	193280126 N
(34) Stop and clamping bracket 500 GK left - nitrided	193280130 N
(35) Stop and clamping bracket 500 GK right - nitrided	193280132 N
(36) Bench press	19328004643
(37) Non-stick with corrosion protection 1 litre in spray bottle	194000924
(38) Standard vice 125 mm	193004302

Height-adjustable rotary table – quick and easy adjustment to the right height

Ergonomic work on a small footprint
- The height-adjustable rotary table by Siegmund offers you a space-saving and ergonomic workbench. Rotatable plate for continuously variable height adjustment. The locking unit at the side lets you fix the position of the worktop

360° machining
- This height-adjustable rotary table gives you easy access to your workpiece for machining from all sides

DESIGNS:

Basis frame stationary – totally stable
- The stationary basic frame comes with sturdy footplates for reliable stability



Rotary table stationary

Basic frame mobile – universally deployable
- The "Mobile" basic frame is equipped with sturdy steering rollers and parking brakes and offers the same load capacity as the stationary version



Mobile rotary table

Model	System 16 stationary 1 200 x 800 x 12	System 28 stationary 1 200 x 800 x 15	System 16 mobile 1 200 x 800 x 12	System 28 mobile 1 200 x 800 x 15	System 16 stationary 1 000 x 1 000 x 50	System 16 mobile 1 000 x 1 000 x 50
Art. no.	192DS164004X7	192DS804004X7	192DM164004X7	192DM804004X7	192DS161010P	192DM161010P
Technical specifications						
Equipment level	Incl. perforated plate				incl. Basic table top	
Material	Through hardened tool steel X8.7, plasma nitrided and BAR coated				Premium steel S355J2+N plasma nitrided and BAR coated	
Hole Ø	16 mm	28 mm	16 mm	28 mm	16 mm	16 mm
Drilling distance	50 mm	100 mm	50 mm	100 mm	50 mm	50 mm
Material thickness	12 mm	15 mm	12 mm	15 mm	12 mm	12 mm
Load bearing capacity	912 kg	888 kg	912 kg	888 kg	843 kg	843 kg
Length	1 200 mm				1 000 mm	
Width	800 mm				1 000 mm	
Table height	780 – 1100 mm				780 – 1 100 mm	
Weight	158 kg	182 kg	158 kg	182 kg	227 kg	227 kg

Accessories









Accessories	Compatible with	Art. no.
① **System 16 tool set A** ▶ 2 screw clamps ▶ 6 quick-release clamping pins ▶ 4 stops ▶ 1 Allen™ key	192DS164004X7 192DM164004X7 192DS161010P 192DM161010P 192HT164004X7	193167320
② **System 16 tool set B** ▶ 4 screw clamps ▶ 8 quick-release clamping pins ▶ 6 stops ▶ 2 stop and clamping brackets ▶ 1 Allen™ key ▶ 1 vice 125 mm	192DS164004X7 192DM164004X7 192DS161010P 192DM161010P 192HT164004X7	193167340

Accessories	Compatible with	Art. no.
③ **System 28 tool set A** ▶ 2 screw clamps ▶ 6 quick-release clamping pins ▶ 6 spacer rings ▶ 6 stops ▶ 1 Allen™ key	192DS804004X7 192DM804404X7 192HT804004X7	193287320
④ **System 28 tool set B** ▶ 4 screw clamps ▶ 8 quick-release clamping pins ▶ 8 spacer rings ▶ 6 stops ▶ 2 stop and clamping brackets ▶ 1 Allen™ key ▶ 1 vice 125 mm	192DS804004X7 192DM804404X7 192HT804004X7	193287340

Mobile lifting table

- With the new mobile lift table you can quickly and easily achieve the ideal working height
- Set new standards and ergonomics and flexibility and benefit from a range of attractive and versatile applications
- The stable steel construction ensures stability even while adjusting the working height



System 16
Mobile lifting table
incl. perforated plate



System 28
Mobile lifting table
incl. perforated plate

Model	System 16 mobile 1200 x 800 x 12	System 28 mobile 1200 x 800 x 15
Art. no.	192HT164004X7	192HT804004X7

Technical specifications		
Equipment level	Incl. perforated plate	
Material	Through hardened tool steel X8.7, plasma nitrided and BAR coated	
Hole Ø	16 mm	28 mm
Drilling distance	50 mm	100 mm
Material thickness	12 mm	15 mm
Load bearing capacity	412 kg	388 kg
Length	1 200 mm	
Width	800 mm	
Table height	700 – 1 000 mm	
Weight	153 kg	177 kg

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Accessories









Accessories	Compatible with	Art. no.
① **System 16 tool set A** ▶ 2 screw clamps ▶ 6 quick-release clamping pins ▶ 4 stops ▶ 1 Allen™ key	192DS164004X7 192DM164004X7 192DS161010P 192DM161010P 192HT164004X7	193167320
② **System 16 tool set B** ▶ 4 screw clamps ▶ 8 quick-release clamping pins ▶ 6 stops ▶ 2 stop and clamping brackets ▶ 1 Allen™ key ▶ 1 vice 125 mm	192DS164004X7 192DM164004X7 192DS161010P 192DM161010P 192HT164004X7	193167340

Accessories	Compatible with	Art. no.
③ **System 28 tool set A** ▶ 2 screw clamps ▶ 6 quick-release clamping pins ▶ 6 spacer rings ▶ 6 stops ▶ 1 Allen™ key	192DS804004X7 192DM804404X7 192HT804004X7	193287320
④ **System 28 tool set B** ▶ 4 screw clamps ▶ 8 quick-release clamping pins ▶ 8 spacer rings ▶ 6 stops ▶ 2 stop and clamping brackets ▶ 1 Allen™ key ▶ 1 vice 125 mm	192DS804004X7 192DM804404X7 192HT804004X7	193287340

Mobile lifting table incl. perforated plate for loads up to 1,000 kg

- Drill holes, surface in diagonal grid
- With the new mobile lift table you can quickly and easily achieve the ideal working height
- Set new standards and ergonomics and flexibility and benefit from a range of attractive and versatile applications
- The stable steel construction ensures stability even while adjusting the working height

Plasma nitrided

16 mm



System 16
Mobile lifting table incl. perforated plate

28 mm



System 28
Mobile lifting table incl. perforated plate

Model	System 16 mobile 1 500 x 1 000 x 12	System 16 mobile 1 500 x 1 000 x 15
Art. no.	192HS164014X7	192HS804014XD7

Technical specifications		
Equipment level	Incl. perforated plate	
Material	Through hardened tool steel X8.7, plasma nitrided and BAR coated	
Hole Ø	16 mm	28 mm
Drilling distance	50 mm	100 mm
Material thickness	11.5 – 13 mm	15 mm
Load bearing capacity	1 000 kg (without plate)	1 000 kg (without plate)
Length	1 500 mm	
Width	1 000 mm	
Table height	700 – 1 000 mm	
Weight	335 kg	362 kg

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Accessories

① 

② 

③ 

④ 

Accessories	Compatible with	Art. no.
① **System 16 tool set A** ▶ 2 screw clamps ▶ 6 quick-release clamping pins ▶ 4 stops ▶ 1 Allen™ key	192DS164004X7 192DM164004X7 192DS161010P 192DM161010P 192HT164004X7	193167320
② **System 16 tool set B** ▶ 4 screw clamps ▶ 8 quick-release clamping pins ▶ 6 stops ▶ 2 stop and clamping brackets ▶ 1 Allen™ key ▶ 1 vice 125 mm	192DS164004X7 192DM164004X7 192DS161010P 192DM161010P 192HT164004X7	193167340

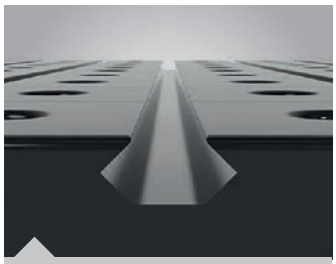
Accessories	Compatible with	Art. no.
③ **System 28 tool set A** ▶ 2 screw clamps ▶ 6 quick-release clamping pins ▶ 6 spacer rings ▶ 6 stops ▶ 1 Allen™ key	192DS804004X7 192DM804404X7 192HT804004X7	193287320
④ **System 28 tool set B** ▶ 4 screw clamps ▶ 8 quick-release clamping pins ▶ 8 spacer rings ▶ 6 stops ▶ 2 stop and clamping brackets ▶ 1 Allen™ key ▶ 1 vice 125 mm	192DS804004X7 192DM804404X7 192HT804004X7	193287340

Slot table Hexagon 8.7 tool steel plasma nitrided – with hexagon-shaped transverse slot

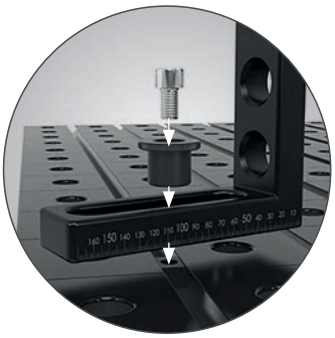
Combines the benefits of a welding table and a slot table
- Combines the benefits of a welding table with those of a slot table in a single product
- The Hexagon slot table offers versatile clamping options and maximum flexibility when clamping components

Flexible clamping with many options
- In addition to fastening in the system holes, the slots offer a continuous fixation option for the clamping tools

Compatible
- All Siegmund System 28 accessories are compatible with the Hexagon slot table. And the popular Siegmund ST Box can be secured with ease (see p. 186)



Properties
- *Drill hole Ø 28 mm*
- *with transverse hexagonal slots*
- *Hexagon slot spacing 100 mm*
- *Drill holes, surface 100 x 100 mm grid*
- *Side panel holes in diagonal grid*

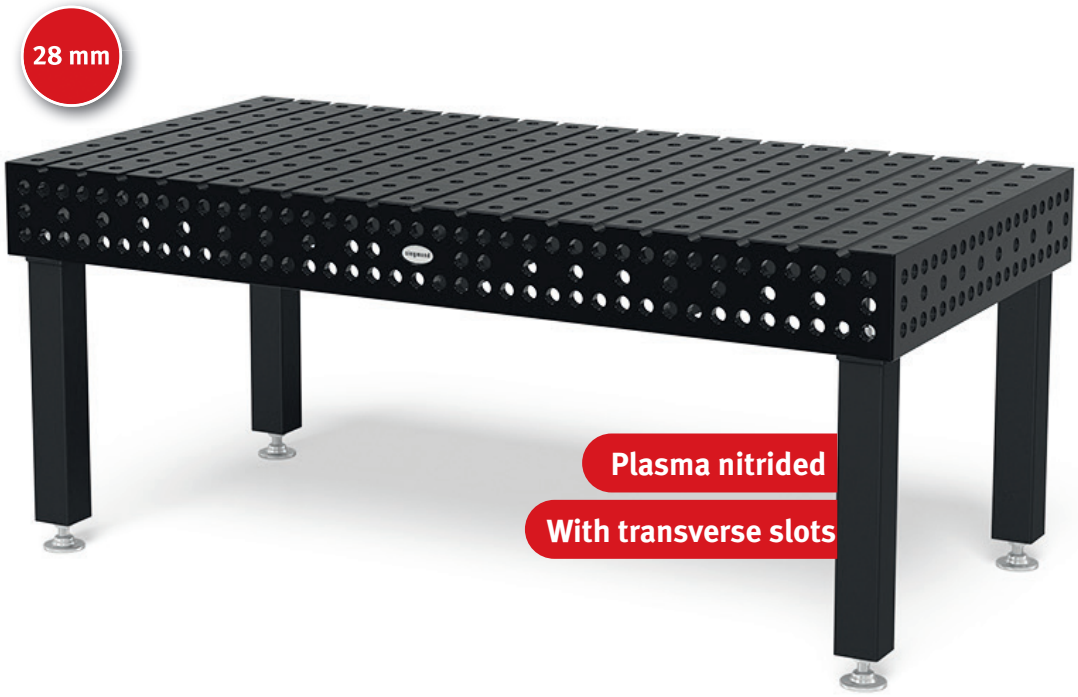








Material
- *Tool steel X8.7 plasma nitrided*
- *Material thickness, approx. 24.5 – 27 mm*
- *Side bolster made of premium steel S355J2+N*





Benefits of hexagon slots
- *Lower price and lightweight*
- *Same load-bearing capacity as standard welding tables*
- *Working with threads up to M12 possible*

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Hexagon slot table made of **through-hardened tool steel X8.7 plasma-nitrided with transverse slots**

Model	Load bearing capacity	Length	Width	Table height incl. feet	Weight	Art. no.	
Hexagon slot table 1 200x1 200x200	4 000 kg	1 200 mm	1 200 mm	850 mm	500 kg	190280015HNK	
Hexagon slot table 1 500x1 000x200		1 500 mm	1 000 mm		531 kg	190280035HNK	
Hexagon slot table 1 500x1 500x200		1 500 mm	1 500 mm		734 kg	190280050HNK	
Hexagon slot table 2 000x1 000x200		2 000 mm	1 000 mm		668 kg	190280020HNK	
Hexagon slot table 2 400x1 200x200		2 400 mm	1 200 mm		920 kg	190280030HNK	
Hexagon slot table 3 000x1 500x200		3 000 mm	1 500 mm		1 356 kg	190280040HNK	
Hexagon slot table 4 000x2 000x200		4 000 mm	2 000 mm		2 262 kg	190280055HNK	



Accessories	Set 1 System 28[1]	Set 2 System 28[1]	Set 3 System 28[1]	Set 4 System 28[1]	Set 5 System 28[1]
Art. no.	193283100	193283200	193283300	193283400	193283500
(22) Vice nitrided	4 x	6 x	10 x	14 x	14 x
(23) Vice nitrided 45°/90°	2 x	4 x	6 x	10 x	10 x
(24) Prism nitrided 135°	2 x	4 x	4 x	6 x	8 x
(20) Pin bronzed 95 mm	12 x	18 x	24 x	30 x	36 x
(21) Magnetic clamping pins		4 x	4 x	8 x	8 x
(8) Stop nitrided 150 mm	4 x	6 x	8 x	10 x	12 x
(9) Stop nitrided 225 mm	4 x	6 x	8 x	10 x	12 x
(10) Stop nitrided 500 mm				4 x	4 x
(11) Bracket nitrided 175 mm	2 x	4 x	6 x	8 x	12 x
(13) Bracket nitrided 300 mm	2 x	2 x	2 x	2 x	2 x
(12) Bracket nitrided 500 mm		2 x	2 x	2 x	2 x
(16) + (17) Rotary bracket nitrided 500 mm				1 x + 1 x	1 x + 1 x
(14) + (15) Bracket nitrided 750 mm			1 x + 1 x	1 x + 1 x	1 x + 1 x
(18) + (19) Bracket nitrided 800 mm					1 x + 1 x
(25) Tool trolley				1 x	1 x

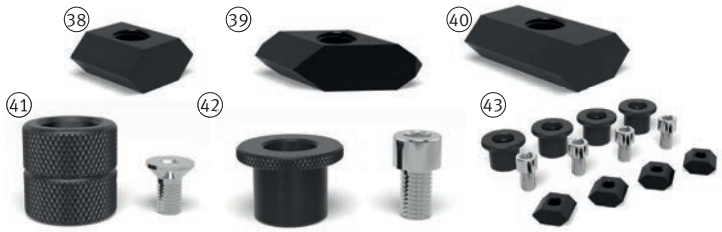
(1) Incl. eccentric, Allen key, brush, oilstone, sample CleanBasic, sample non-stick, torch holder

Options (only available ex works)	Art. no.
Basic foot 750 instead of basic foot 650	193280857X
(1) Surcharge per height-adjustable foot 450-700	193280878XX
(2) Surcharge per height-adjustable foot 550-900	193280877XX
(3) Surcharge per foot with steering roller and parking brake	193280876XX
(4) Surcharge per height-adjustable foot with steering roller and parking brake 550-750	193280879XX
(5) Surcharge per foot with floor anchor	193280874XX

Accessories	Art. no.
(6) Sub table box for System 28	1932809901
(7) Eccentric stop Ø 60 mm with M10 thread - nitrided	193280402 N
(8) Universal stop 150 L - nitrided	193280410 N
(9) Universal stop 225 L - nitrided	193280420 N
(10) Universal stop 500 S - nitrided	193280430 N
(11) Stop and clamping bracket 175 L - nitrided	193280110 N
(12) Stop and clamping bracket 500 G - nitrided	193280162 N
(13) Stop and clamping bracket 300 G - nitrided	193280152 N
(14) Stop and clamping bracket 750 GK left - nitrided	193280166 N
(15) Stop and clamping brackets 750 GK right - nitrided	193280167 N
(16) Stop and clamping bracket 500 G with rotary bracket left - cast/nitrided	193280164 N
(17) Stop and clamping bracket 500 G with rotary bracket right - cast/nitrided	193280165 N
(18) Stop and clamping bracket 800 GK left - nitrided	193280144 N
(19) Stop and clamping bracket 800 GK right - nitrided	193280146 N
(20) Quick-release clamping pins short - bronzed	193280510
(21) Quick-release clamping pins short - bronzed without nut	193280510
(22) Magnetic clamping pins 68 mm	193280740

Accessories	Art. no.
(23) Professional vice - bronzed / nitrided	193280610 N
(24) Professional vice 45°/90° - nitrided	193280630 N
(25) Prism Ø 50 mm 135° with bolted in collar - nitrided	1932806481 N
(26) Tool trolley	193280910
(27) Brush Ø 30 mm with protective cap	193280820
(28) Torch holder - bronzed	193280920
(29) Allen key 6 mm	1932808521
(30) Combined oilstone 200 x 50 x 25 mm	193000940
(31) Stop and clamping bracket 175 L - nitrided	193280109 N
(32) Stop and clamping bracket 300 GK left - nitrided	193280124 N
(33) Stop and clamping bracket 300 GK right - nitrided	193280126 N
(34) Stop and clamping bracket 500 GK left - nitrided	193280130 N
(35) Stop and clamping bracket 500 GK right - nitrided	193280132 N
(36) Bench press	19328004643
(37) Non-stick with corrosion protection 1 litre in spray bottle	194000924
(38) Standard vice 125 mm	193004302

Accessories	Art. no.
(38) Hexagon slot nut standard - nitrided	193HN280547
(39) Hexagon slot nut rotating - nitrided	193HN2805471
(40) Hexagon slot nut long - nitrided	193HN2805472
(41) Adapter for vices - nitrided	193HN280602
(42) Clamping bush for M12 thread	1932805464
(43) Hexagon slot table accessory set	193HN28399



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WELDING ROBOT



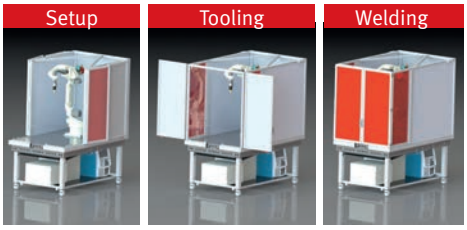
easyweld EASY-ARC– The mobile welding cell for trades: simple, inexpensive, safe

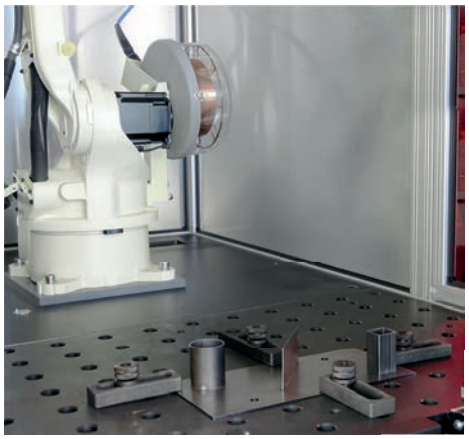
Compact, mobile and quickly ready for use
- Low capital outlay
- Pre-assembled and with documentation
- Space-saving and flexible deployment

Time-saving in operations
- Welding programs can be easily created with the OTC Easy Teach control
- No time-consuming training required

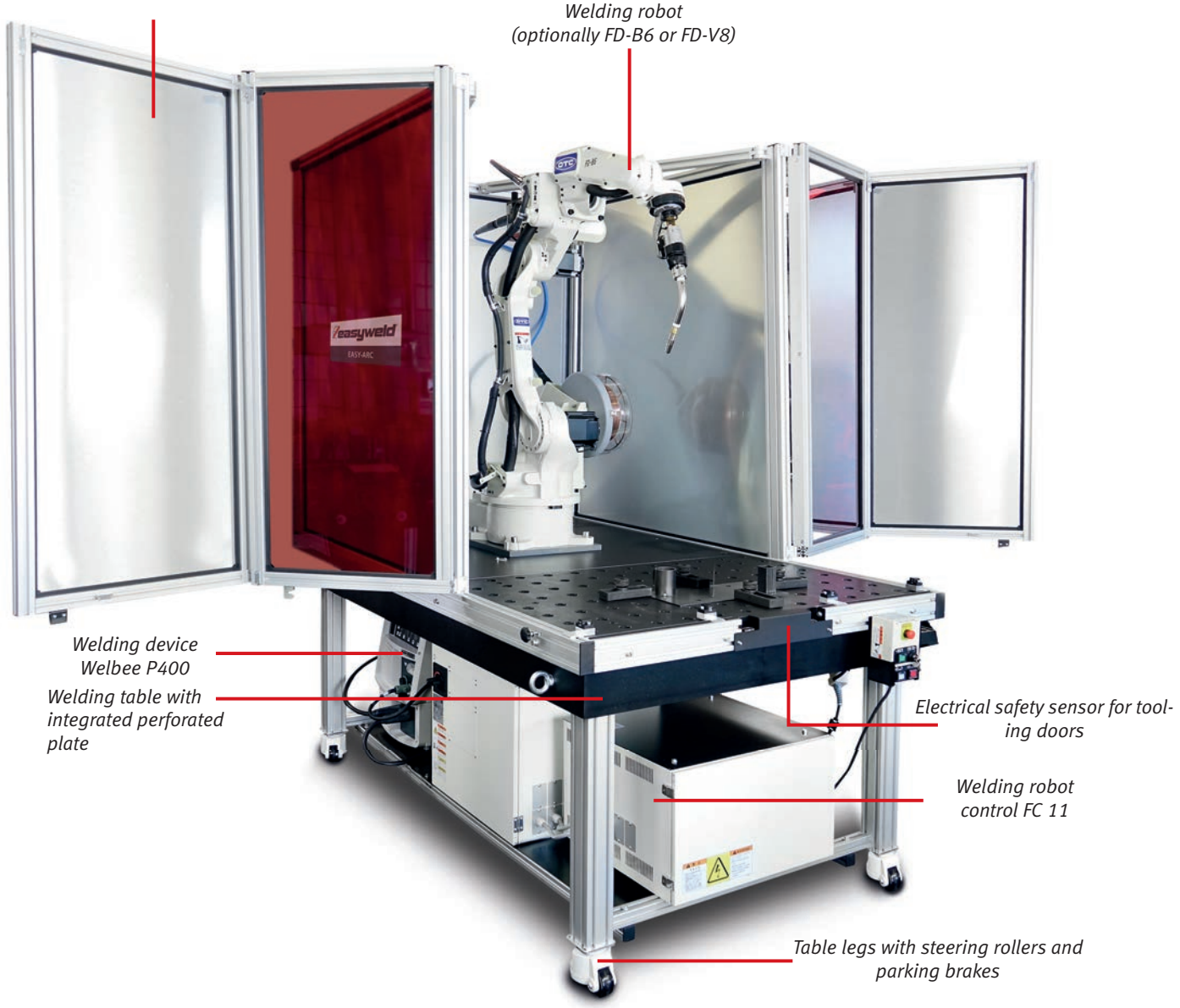
Stable, precise welding robot
- Relieves the physical strain on employees
- Optimised, consistent welding quality

Safe operation
- Protection against access and glare thanks to electrically monitored lightweight safety enclosure





NOT ENOUGH QUALIFIED STAFF?
OPTIMISE YOUR PRODUCTION!
PRODUCTION COSTS UNDER PRESSURE?
THE EASY-ARC WELDING ROBOT IS THE SOLUTION!



Welding robot

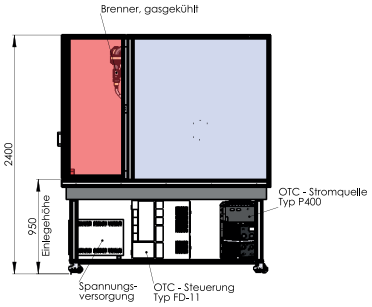
MIG/MAG package – Compact, turnkey welding robot cell with welding technology

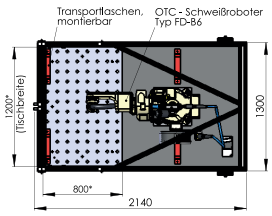
Model	Easy Arc 01.01 FD-B6	Easy Arc 01.02 FD-B6	Easy Arc 01.03 FD-B6	Easy ARC 01.04 FD-B6
Equipment level	**Basic equipment**	**Option 01**	**Option 02**	**Option 03**
Art. no.	1850000	1850005	1850010	1850015

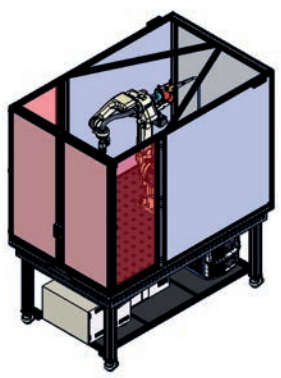
Equipment level				
Welding method	MIG/MAG			
Cooling	air-cooled	Liquid-cooled	air-cooled	Liquid-cooled
Welding device	Welbee P400	Welbee P500L	Welbee P400	Welbee P500L
Torch	RT3500H	RTW5000H	RT3500H	RTW5000H
Welding robot	FD-B6			
Welding table	2 000 x 1 200 mm			
Positioner	–		A2-1PB250	

Basic equipment for **MIG/MAG welding** incl. welding machine Welbee P400

- 3D welding table with smart system grids for clamping and positioning workpieces
- Pre-assembled and with CE compliant documentation
- Welbee P400 welding machine (gas-cooled inverter pulse power source)
- Safety technology with monitoring unit (RMU) and enclosure
- Six-axis FD-B6 robot with integrated cable routing for optimum access
- Robot welding torch with forced cut-off

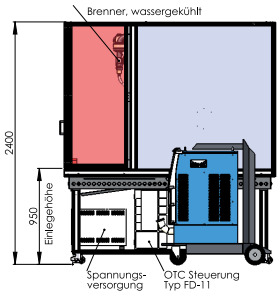


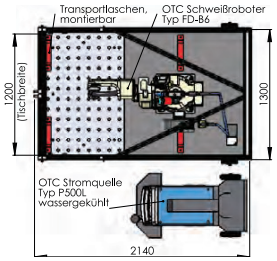




Option 01 for **MIG/MAG welding** incl. welding machine Welbee P500L

- Welbee P500L welding machine (gas-cooled inverter pulse power source)

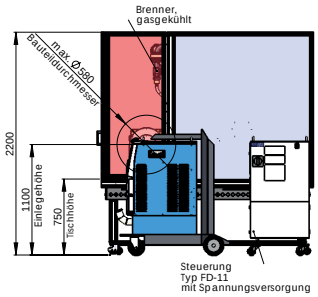


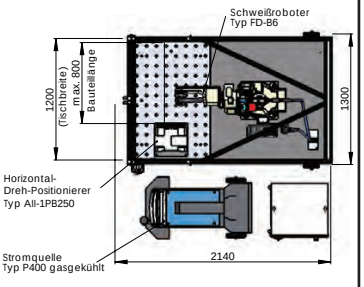




Option 02 for **MIG/MAG welding** with horizontal rotary positioner

- Welbee P400 welding machine
- Horizontal rotary positioner A2-1PB250 incl. Synchromotion software and integration with the Easy Teach control

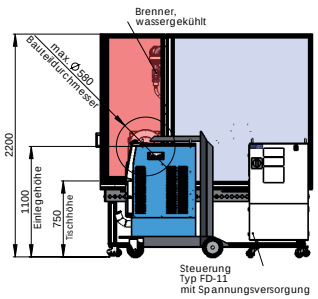


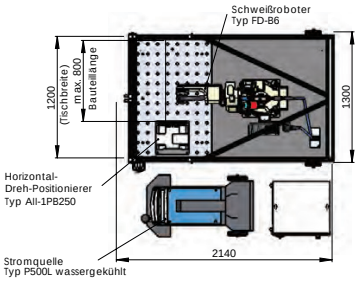




Option 03 for **MIG/MAG welding** with horizontal rotary positioner

- Welbee P500L welding machine (gas-cooled inverter pulse power source)
- Horizontal rotary positioner A2-1PB250 incl. Synchromotion software and integration with the Easy Teach control







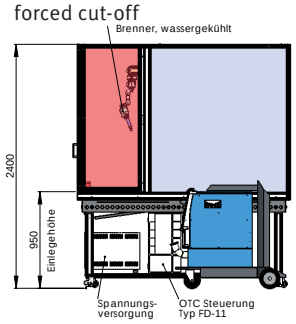
TIG package – Compact, turnkey welding robot cell with welding technology

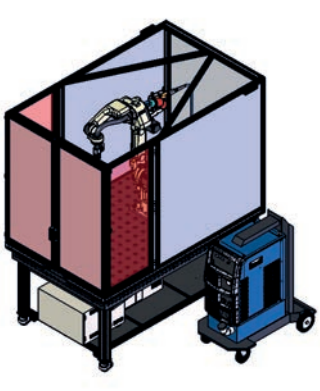
Model	Easy Arc 02.01 FD-V8	Easy Arc 02.02 FD-V8	Easy Arc 02.03 FD-V8	Easy Arc 02.04 FD-V8
Equipment level	Basic equipment	Option 01	Option 02	Option 03
Art. no.	1850100	1850105	1850110	1850115

Equipment level				
Welding method	TIG			
Cooling	Liquid-cooled			
Welding device	Welbee A350P			
Torch	Binzel	Binzel Push-pull	Binzel	Binzel Push-pull
Welding robot	FD-V8			
Welding table	2 000 x 1 200 mm			
Positioner	–		A2-1PB250	

Basic equipment for TIG welding
incl. welding machine Welbee A350P

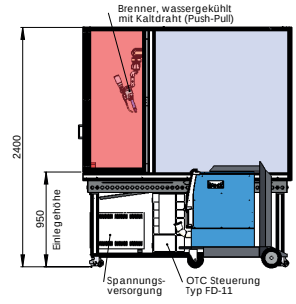
- 3D welding table with smart system grids for clamping and positioning workpieces
- Pre-assembled and with CE compliant documentation
- Welbee P350L welding machine (gas-cooled inverter pulse power source)
- Safety technology with monitoring unit (RMU) and enclosure
- FD-V8 six-axis robot for maximum flexibility
- Robot welding torch with 3D forced cut-off

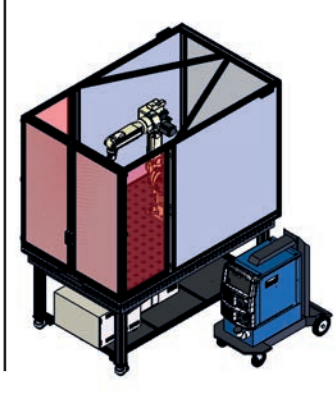




Option 01 for TIG welding
with cold wire (push-pull system)

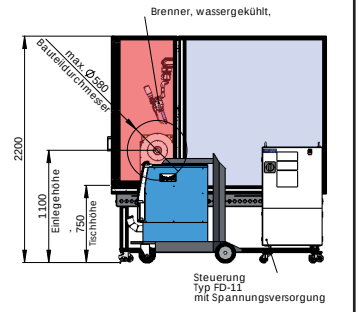
- Push-pull system for feeding the filler wire into the weld pool

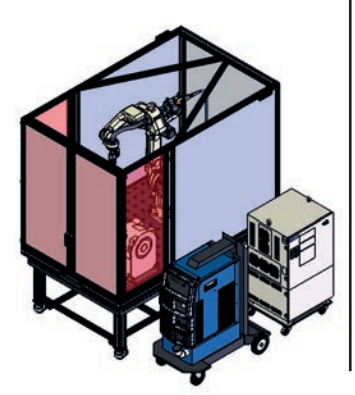




Option 02 for TIG welding
with horizontal rotary positioner

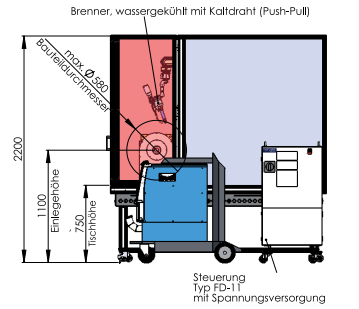
- Horizontal rotary positioner A2-1PB250 incl. Synchromotion software and integration with the Easy Teach control





Option 03 for TIG welding
with horizontal rotary positioner

- Push-pull system for feeding the filler wire into the weld pool
- Horizontal rotary positioner A2-1PB250 incl. Synchromotion software and integration with the Easy Teach control

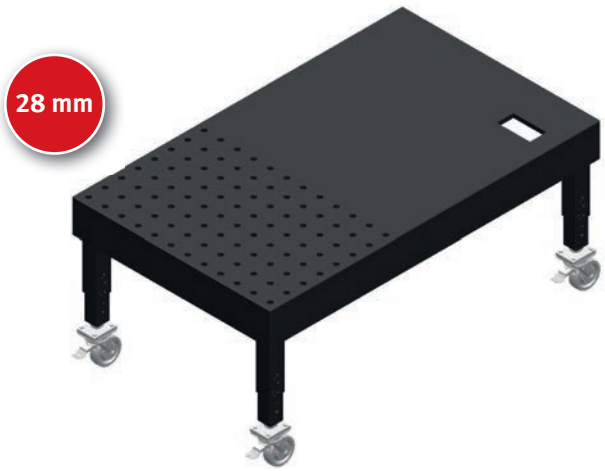




Welding robot components

Welding table 750 –
surface hardness up to 750 Vickers

- Made of premium steel S355J2+N, plasma nitrided and coated
- Dimensions (D x W), 2 000 x 1 200 mm
- Table height depends on selected variant
- Table legs with steering rollers and parking brakes
- Drill holes 28 mm in 100 x 100 mm grid
- Load bearing capacity 1 000 kg
- Weight approx. 600 kg



Welding device







Model	P400 (MIG/MAG)	P500L (MIG/MAG)	A350P (TIG)
Design	gas-cooled	Liquid-cooled	Liquid-cooled
Sheet thicknesses	1 – 10 mm	1 – 15 mm	0.5 – 15 mm
Mains voltage (± 15 %)	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Power input	19.2 kVA	25 kVA	12.2 kVA
Current at 100 % DC 40 °C TIG	370 A	410 A	270 A **(AC)** / 300 A **(AC)**
Duty cycle at max. current 40 °C	50 %	50 %	30 %
Adjusting range	20 – 400 A	20 – 500 A	5 – 350 A
Current consumption	22.9 A	22.9 A	18.5 A **(AC)** / 19 A **(DC)**
Open circuit voltage	74 V	74 V	74 V
Degree of protection/cooling	IP 23 / F	IP 23 / F	IP 23 / F
Switching stages	continuous	continuous	continuous

Welding robot

Model	Welding robot FD-B6	Welding robot FD-V8
Kinematics	Vertical articulated robot	
Number of axes	6	
Work area (P point)	R 1,445 mm	R 1,437 mm
Maximum load-bearing capacity	6 kg	8 kg
Repetition accuracy	± 0.08 mm	
Drive system	AC servo motor	
Ambient temperature / humidity	0 ~ 45 °C, 20 ~ 80 %	
Weight	145 kg	140 kg
Max. load bearing capacity	10 kg	



FD-B6



FD-V8



Horizontal rotary positioner

- Support fully-synchronised operation with FD series robots
- The central hole in the flange plate is for routing media through
- Max. load 250 kg
- Max. rotational speed 26°/s
- Torque 205 Nm
- Repeat accuracy ± 0.1 mm
- Weight 110 kg

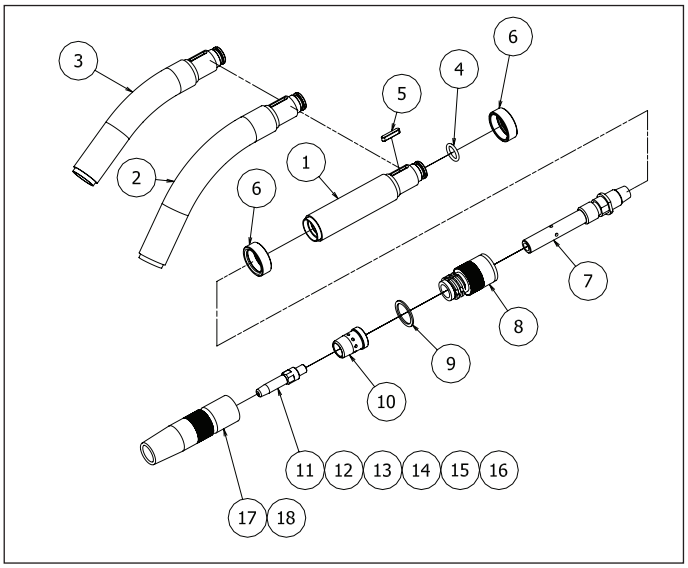


RT3500H

For Easy ARC 01.01 FD-B 6 Welbee P400 &
Easy ARC 01.03 FD-B6 Welbee P400

- Replaceable swan neck system, gas-cooled, steel 1.0 mm
- Torch swan neck 45°
- Max. load: 350 A / gas-cooled
- Collision protection: Type B integrated





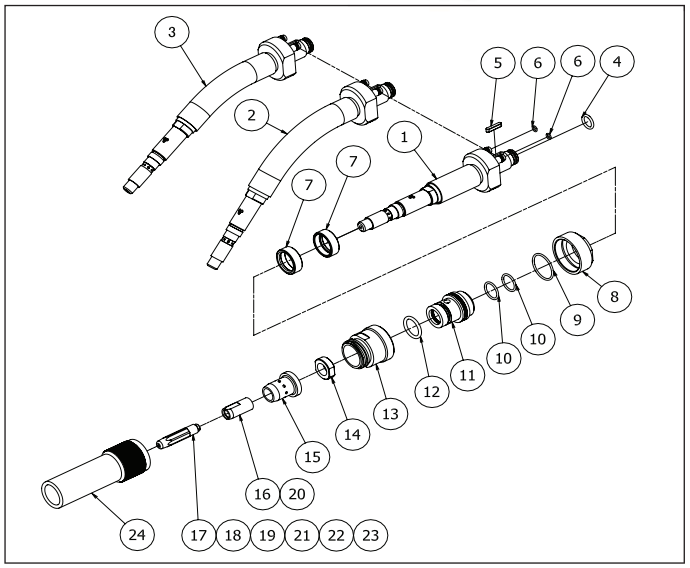
No.	Designation	Art. no.	PQ
1	Torch swan neck	1851001	1
4	O-ring	1851002	2
5	Parallel key	1851003	1
6	Teflon seal	1851004	2
7	Gas tip carrier	1851005	1
8	Insulation part	1851006	1
9	Washer	1851007	1
10	tip assembly	1851008	1
11	Contact tip Ø 1.2 mm	1851009	10
12	Contact tip Ø 0.8 mm	1851010	10
13	Contact tip Ø 0.9 mm	1851011	10
14	Contact tip Ø 1.0 mm	1851012	10
15	Contact tip Ø 1.4 mm	1851013	10
16	Contact tip Ø 1.6 mm	1851014	10
17	Gas tip	1851015	1

RTW5000H

For Easy ARC 01.02 FD-B6 Welbee P500L &
Easy Arc 01.04 FD-B6 Welbee P500L

- Replaceable swan neck system, liquid-cooled, steel 1.2 mm
- Torch swan neck 45°
- Max. load: 500 A / Liquid-cooled
- Collision protection: Type B integrated





No.	Designation	Art. no.	PQ
2	Torch swan neck	1851020	1
4	O-ring	1851002	2
5	Parallel key	1851003	1
6	O-ring H	1851021	2
7	Rubber bush	1851022	2
8	Lock nut	1851023	1
9	O-ring	1851024	2
10	O-ring	1851025	2
11	Insulating bush	1851026	1
12	O-ring	1851027	2
13	Front panel	1851028	1
14	Nut	1851029	1
15	tip assembly	1851030	1
16	Tip nut	1851031	1
17	Contact tip Ø 1.2 mm	1851032	10
18	Contact tip Ø 1.4 mm	1851033	10
19	Contact tip Ø 1.6 mm	1851034	10
20	Tip nut	1851035	1
24	Gas tip	1851036	1



Gas tip

Accessories

Accessories for Easy ARC 01.01 & Easy ARC 01.03	Art. no.
Programming tip set	1851016
Wire feed roller 0.9 / 1.0 / 1.2 mm RT3500H	1851017
Wire feed roller 0.8 / 0.9 / 1.0 mm RT3500H	1851018
Wire feeder hose 1.5 m RT3500H	1851050
Wire feeder 1.5 mm	1851051
Wire feeder 0.9 - 1.2 mm	1851052
Wire feeder 0.8 - 0.9 mm	1851053
Coaxial cable 0.9m for FD-B6	1851060
Contact tube nut	1851037

Accessories for Easy ARC 01.02 & Easy Arc 01.04	Art. no.
Coaxial cable 0.9 m for FD-B6	1851060
Contact tube nut	1851037
Gas tip	1851038

Experience our capability and request a demonstration of the welding robot!

Contact: +49 (0951) 96 555-501
easyweld@schweisskraft.de

