

siegmund®

WELDING TABLES AND CLAMPING SYSTEMS



Siegmund Welding Cell

Your start into automation and series production

new

More products and promotions

In our current product brochure Products & Promotions you will find a lot of information about our products and attractive offers on 244 pages.



www.siegmund.com/F-flyer



All Siegmund products in detail

Detailed information on our products as well as other product versions and our entire product range can be found online at www.siegmund.com.



www.siegmund.com



Find the latest news about Siegmund on our social media pages.

new Siegmund Welding Cell

Your start into automation and series production.

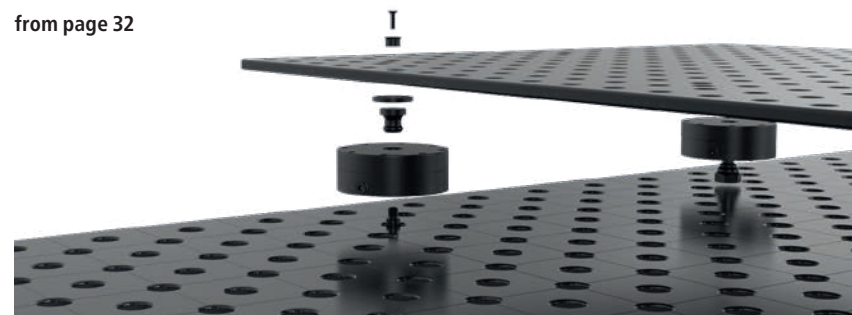
from page 4



new Zero point clamping system

Change your recurring welding fixtures in just a few steps with the zero point clamping system from Siegmund.

from page 32



New clamping system

For the simple creation of series fixtures with templates. Build individual fixtures for your small or large series in just 1 to 3 hours.

from page 18



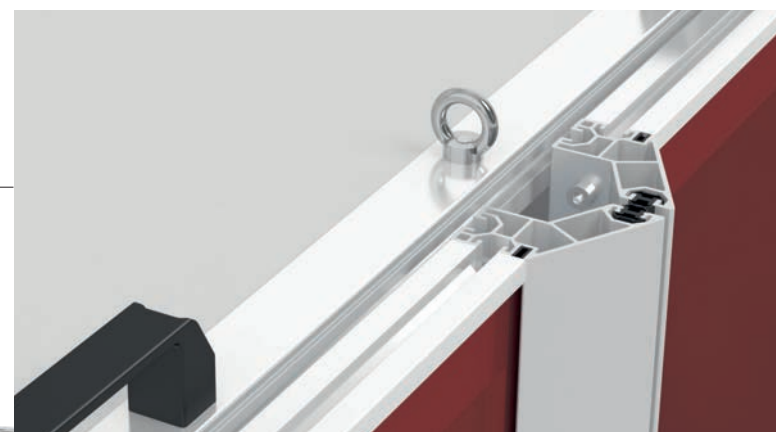
Special trade show offers

Attractive promotions for our Professional 750 welding tables including interesting accessory packages.

from page 41



We expect a price adjustment on July 1st, 2022 due to increased steel prices. Current prices can be found online.



Our product innovations and trade show highlights

Dear Customer,

Robotics will witness the next revolution in welding technology. Traditional manually welded assemblies will in the future be automated. As a world leader in welding tables Siegmund offer a new type of welding cell that combines a new innovative design in clamping technology.

With a design that is modular, initial investment is minimal and enables a highly effective on-going expansion and improved series production.

A visit to our trade show presentation will demonstrate a new perspective in the automated welding of smaller parts.

Your

Bernd Siegmund
Chief executive officer



**Tube
Dusseldorf**

20.06. – 24.06.2022
Hall 6, Booth 6A18



**Automatica
Munich**

21.06. – 24.06.2022
Hall A5, Booth 530

Siegmund Welding Cell

A compact modular system

Benefit from the advantages of the Siegmund Welding cell:

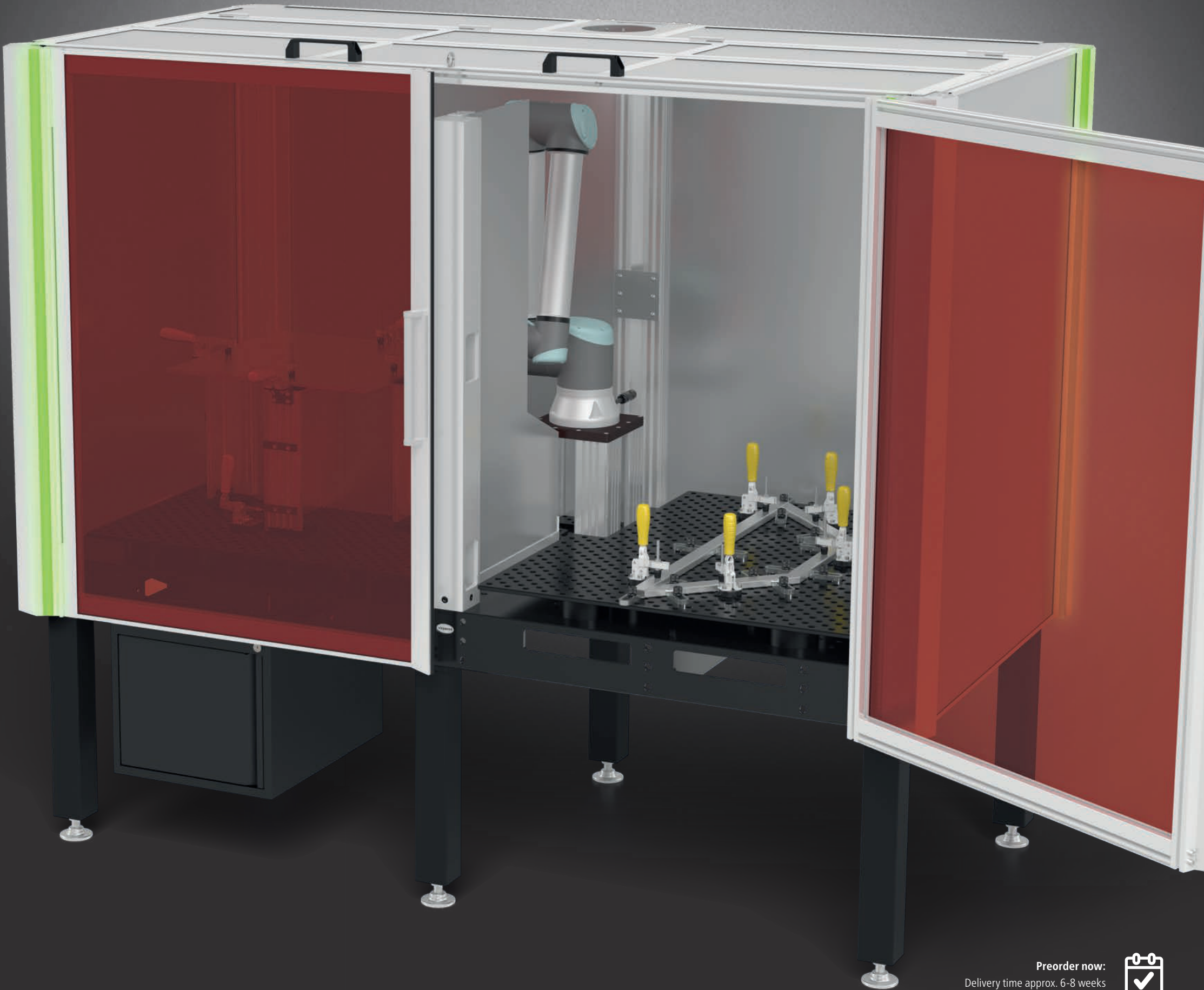
- ✔ configured and expanded for each specific application
- ✔ compatible with all types of robots and cobots
- ✔ compact design
- ✔ high security standard
- ✔ quick start-up
- ✔ exclusive Siegmund cell design

Your start into automation:

- ✔ simplified introduction into automation and series production
- ✔ low initial costs and high efficiency
- ✔ pre-configured cells available

Siegmund Welding Cell	from 5.590 €
+ Special table for welding cell	from 8.178 €
+ Special table for welding cell and accessories	from 13.532 €

Robot, extraction unit and welding equipment available at your specialized welding dealer.



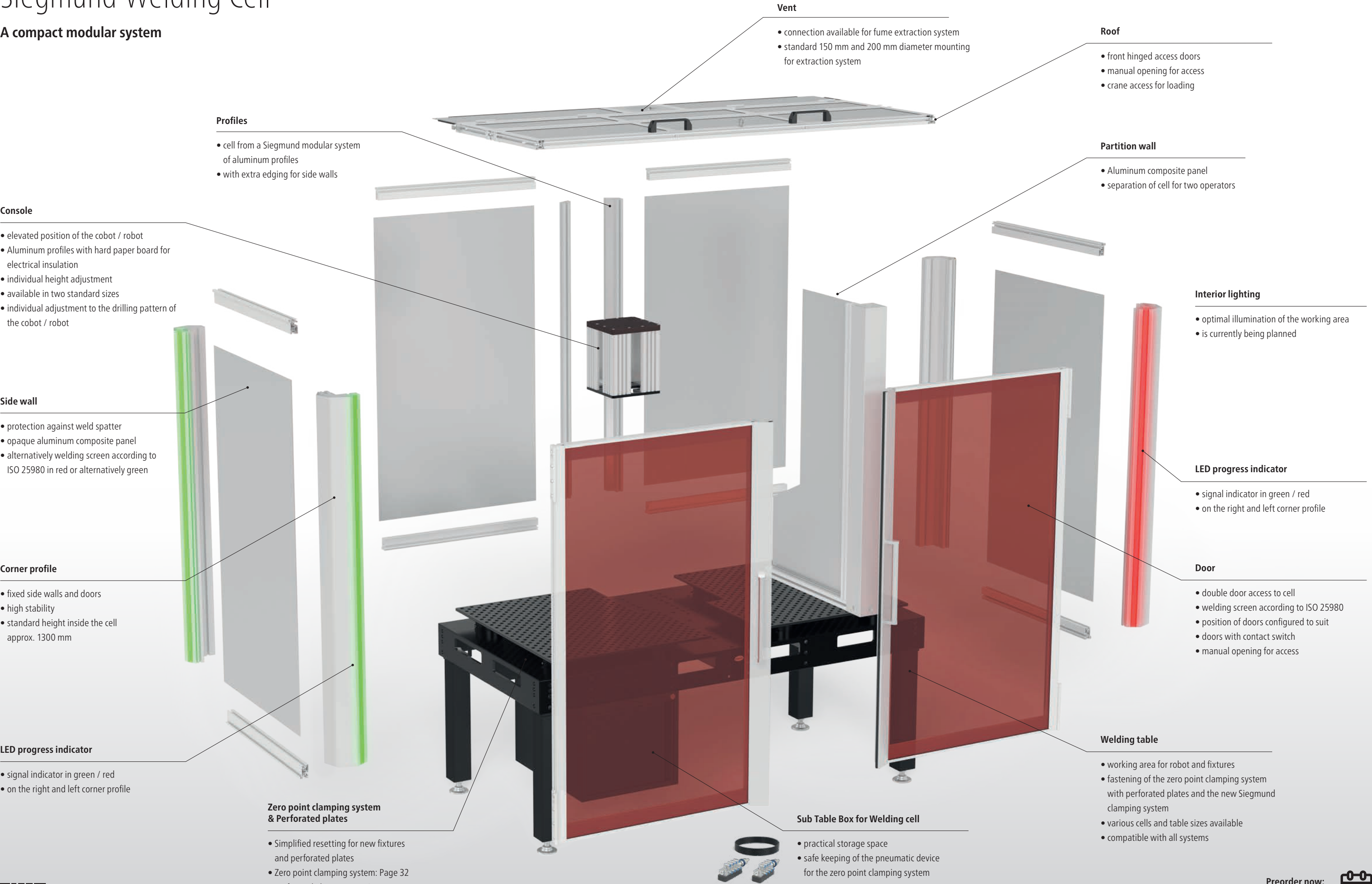
Further detailed information is available at:
www.siegmund.com/F-cell

Preorder now:
Delivery time approx. 6-8 weeks



Siegmund Welding Cell

A compact modular system



Further detailed information is available at:
www.siegmund.com/F-cell

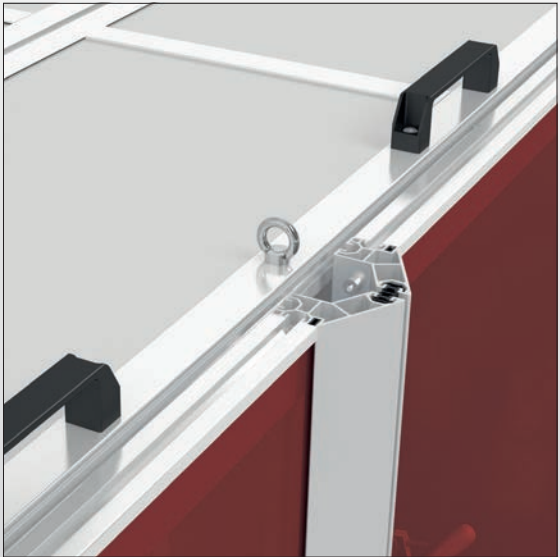
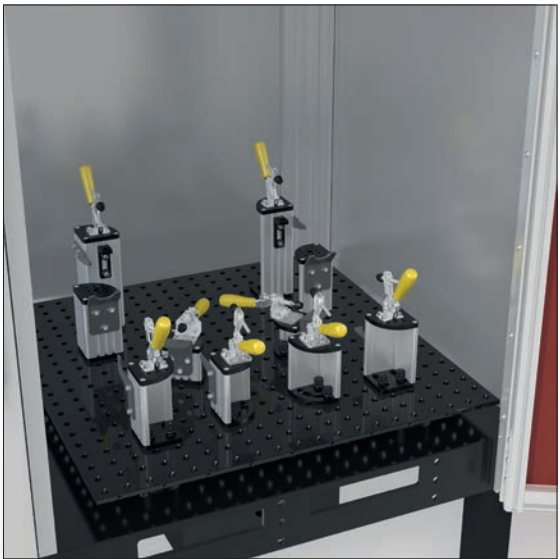
Preorder now:
Delivery time approx. 6-8 weeks



Siegmund Welding Cell

A compact modular system

siegmund



Further detailed information is available at:
www.siegmund.com/F-cell

Preorder now:
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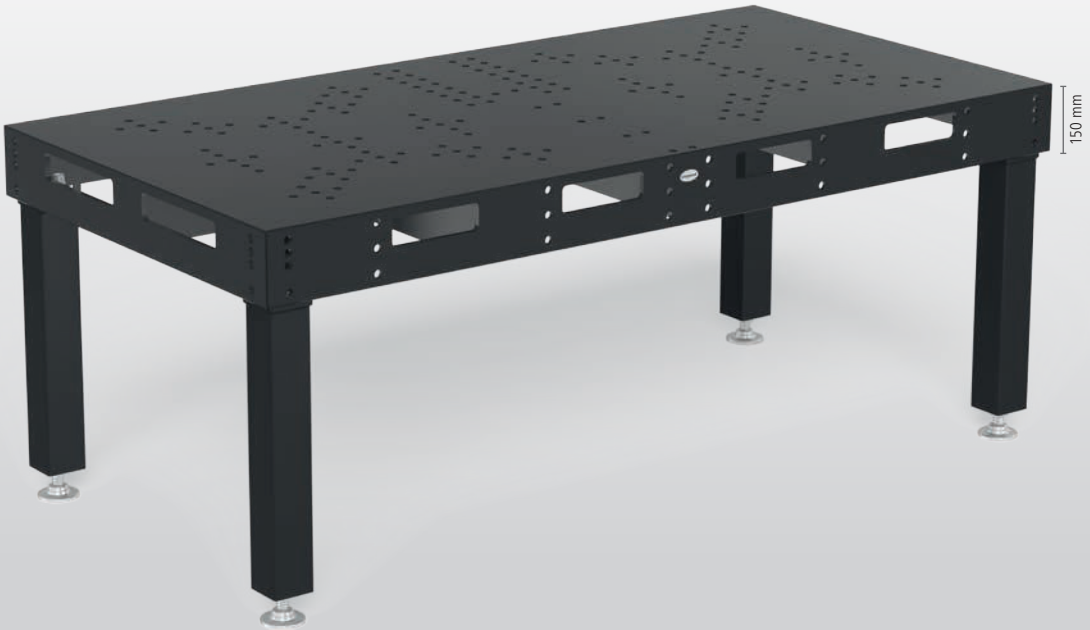
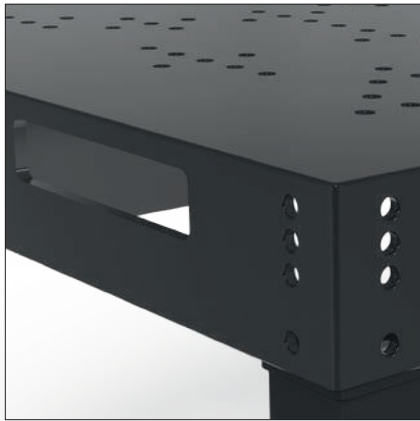


Siegmund Welding Cell

A compact modular system

Special table for Siegmund welding cell – Optimized for automation

- ✓ special borehole grid for fastening the individual components (welding cell, partition wall, console, zero point clamping system, ST Box, ...)
- ✓ Ventilation opening for anti-swirl extraction
- ✓ cable trunking below table
- ✓ optimal downward coverage
- ✓ Premium steel S355J2+N + Plasma nitration
- ✓ Material thickness approx. 11,5 – 13 mm
- ✓ Borehole Ø 16 mm



Special table 2000 x 1000 mm
4-160020.RC

Special table 2400 x 1200 mm
4-160030.RC

Special table 3000 x 1500 mm
4-160040.RC

Compatibility with standard Siegmund welding tables

For surcharge the welding cell is also available in combination with the following welding tables:

- Table sizes: 2000 x 1000 mm | 2400 x 1200 mm | 3000 x 1500 mm
- **System 16:** Professional 750, Extreme 8.7, Extreme 8.7 PLUS
- **System 22:** Professional 750, Extreme 8.7, Extreme 8.7 PLUS
- **System 28:** Professional 750, Extreme 8.7, Extreme 8.8 PLUS

With standard Siegmund welding tables we recommend to close parts of the bore holes with cover caps (Item No. 160238.10 and 280238.10) to avoid unwanted air circulations during welding.



➤ Your benefit of a combination of Siegmund expertise in a welding cell with zero point clamping, perforated plates and a new clamping system.

Benefit from the advantages of the perfect interaction:

- ✓ Small and large series fixtures effortlessly created with the Siegmund clamping system
- ✓ Repeat and reused fixtures can remain on the perforated plate
- ✓ Change the prepared perforated plate quickly and with a precise fit using the zero point clamping system
- ✓ Start the welding process of the robot
- ✓ User protection from weld spatter and radiation



New clamping system
Page 18



Zero point clamping system
Page 32

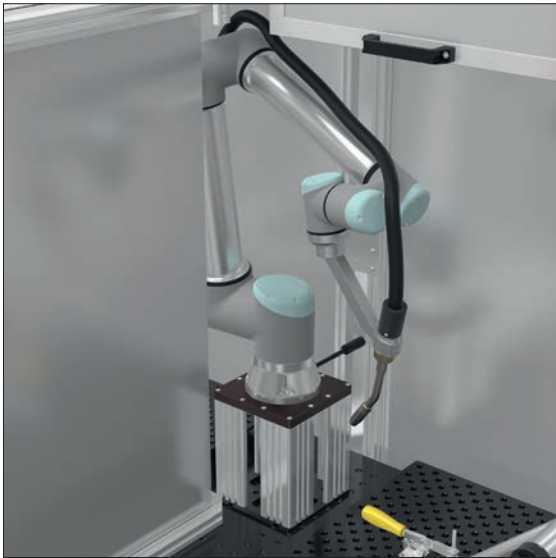


Further detailed information is available at:
www.siegmund.com/F-cell



Siegmund Welding Cell

A compact modular system




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www.siegmund.com/F-cell

Preorder now:
Delivery time approx. 6-8 weeks



Configuration of the welding cell

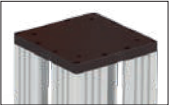
- Double doors with welding screens at the front
- Aluminum composite panels on the sides and back
- Partition wall for division into two working areas
- Roof with connection possibility for welding fume extraction unit
- LED progress indicator outside
- Installation height inside the cell approx. 1300 mm

<div>Welding Cell 2000</div> <div>for table size 2000 x 1000 mm</div>	<div>Welding Cell 2000</div> <div>+ Console (without welding table)</div>	<div>5.590 €</div> <div>2-0020.RC</div>
	<div>Set 1</div> <div>+ Special table 2000 x 1000 mm (Item No. 160020.RC)</div> <div>+ Console</div>	<div>8.178 €</div> <div>2-160020.RC1</div>
	<div>Set 2</div> <div>+ Special table 2000 x 1000 mm (Item No. 160020.RC)</div> <div>+ Console, ST Box, Bolt, Quick-Change Clamp</div> <div>+ 2x Perforated plate 950 x 800 mm (Item No. 164006.X7)</div> <div>+ 2x Zero point clamping system Set (Item No. ZP1620)</div> <div>+ 2x New clamping system Starter set (Item No. CS160001)</div>	<div>13.532 €</div> <div>2-160020.RC2</div>
<div>Welding Cell 2400</div> <div>for table size 2400 x 1200 mm</div>	<div>Welding Cell 2400</div> <div>+ Console (without welding table)</div>	<div>6.440 €</div> <div>2-0030.RC</div>
	<div>Set 1</div> <div>+ Special table 2400 x 1200 mm (Item No. 160030.RC)</div> <div>+ Console</div>	<div>10.250 €</div> <div>2-160030.RC1</div>
	<div>Set 2</div> <div>+ Special table 2400 x 1200 mm (Item No. 160030.RC)</div> <div>+ Console, ST Box, Bolt, Quick-Change Clamp</div> <div>+ 2x Perforated plate 1150 x 1000 mm (Item No. 164007.X7)</div> <div>+ 2x Zero point clamping system Set (Item No. ZP1620)</div> <div>+ 2x New clamping system Starter set (Item No. CS160001)</div>	<div>16.221 €</div> <div>2-160030.RC2</div>
<div>Welding Cell 3000</div> <div>for table size 3000 x 1500 mm</div> <div></div> <div>Double doors for each working area</div>	<div>Welding Cell 3000</div> <div>+ Console (without welding table)</div>	<div>7.598 €</div> <div>2-0040.RC</div>
	<div>Set 1</div> <div>+ Special table 3000 x 1500 mm (Item No. 160040.RC)</div> <div>+ Console</div>	<div>12.437 €</div> <div>2-160040.RC1</div>
	<div>Set 2</div> <div>+ Special table 3000 x 1500 mm (Item No. 160040.RC)</div> <div>+ Console, ST Box, Bolt, Quick-Change Clamp</div> <div>+ 2x Perforated plate 1450 x 1150 mm (Item No. 164008.X7)</div> <div>+ 2x Zero point clamping system Set (Item No. ZP1620)</div> <div>+ 2x New clamping system Starter set (Item No. CS160001)</div>	<div>19.349 €</div> <div>2-160040.RC2</div>



Further versions available online:
www.siegmund.com/F-cell

All prices plus 450 € assembly. Packing and transport costs on request.



Adaptation of the console to the drilling pattern
of the robot for a surcharge
253 €
[2-004401.X](#)

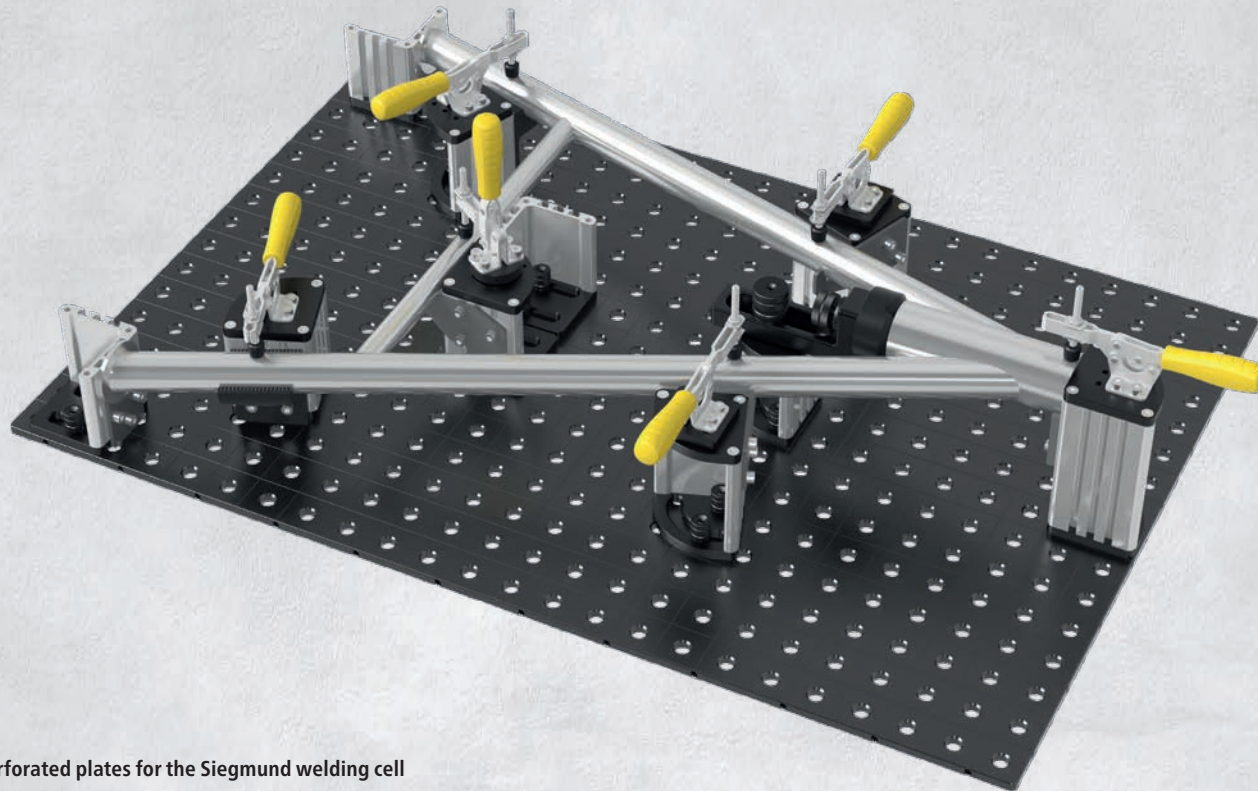


Individual adjustment
of the cell height
price on request

Preorder now:
Delivery time approx. 6-8 weeks

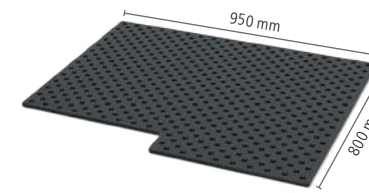


» Siegmund perforated plates – interchangeable worktops for ultimate flexibility



Special perforated plates for the Siegmund welding cell

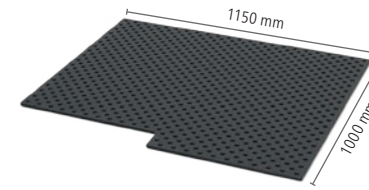
The perforated plates have recesses for the console of the robot and are therefore optimized for the use in the Siegmund welding cell. In combination with the zero point clamping system and the new clamping system, set-up times in automation and series production are reduced.



Perforated plate 950 x 800 mm

- Borehole Ø 16 mm
- Through-hardened tool steel X8.7 + Plasma nitration
- Material thickness approx. 12 mm
- Boreholes in diagonal grid

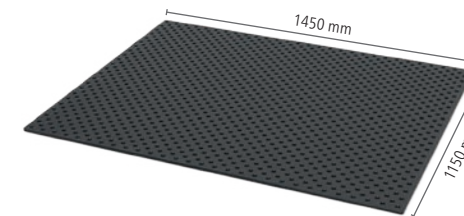
726 €
2-164006.X7



Perforated plate 1150 x 1000 mm

- Borehole Ø 16 mm
- Through-hardened tool steel X8.7 + Plasma nitration
- Material thickness approx. 12 mm
- Boreholes in diagonal grid

1.034 €
2-164007.X7

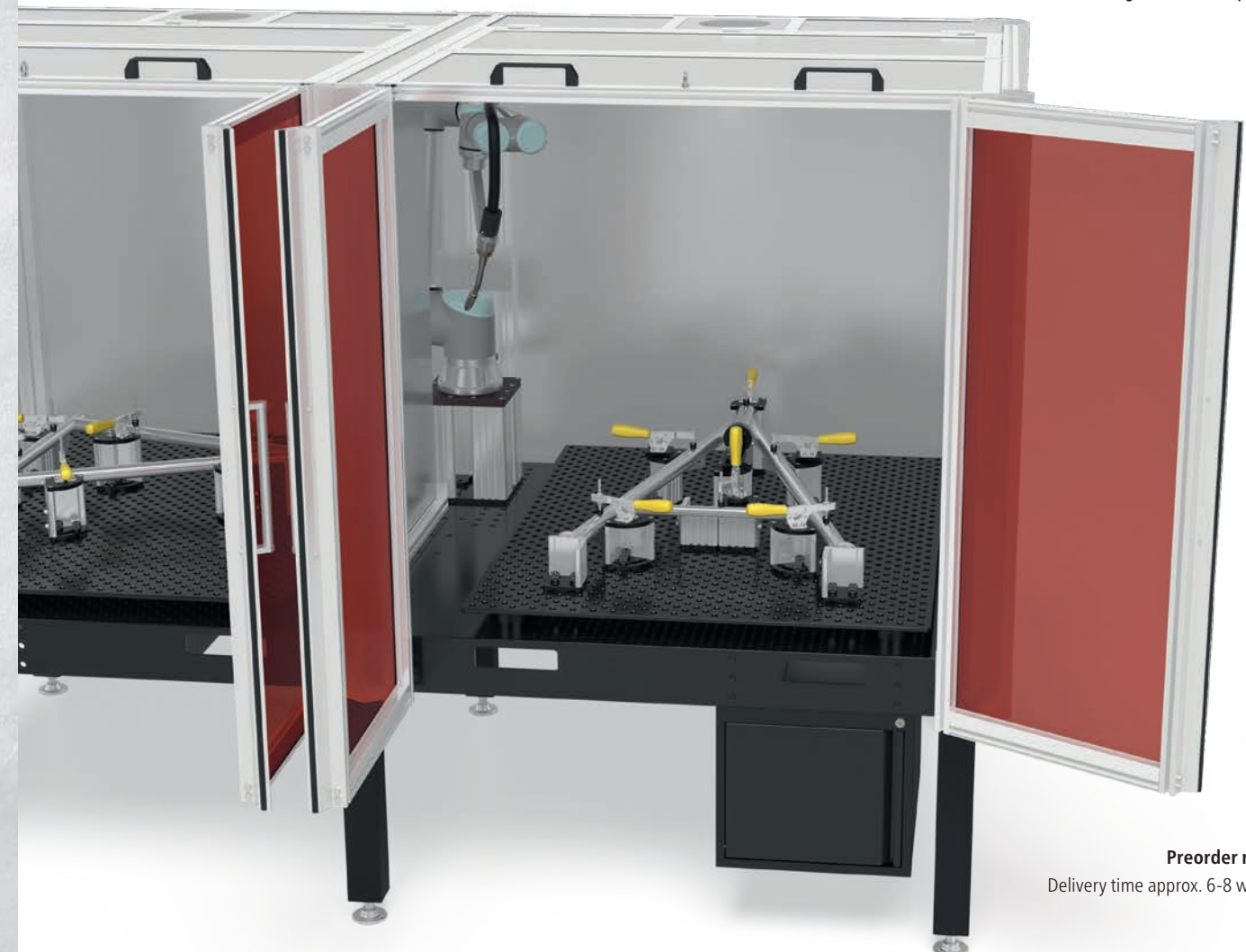


Perforated plate 1450 x 1150 mm

- Borehole Ø 16 mm
- Through-hardened tool steel X8.7 + Plasma nitration
- Material thickness approx. 12 mm
- Boreholes in diagonal grid

1.505 €
2-164008.X7

More perforated plates online:
www.siegmund.com/F-cell-plates




Preorder now:
Delivery time approx. 6-8 weeks

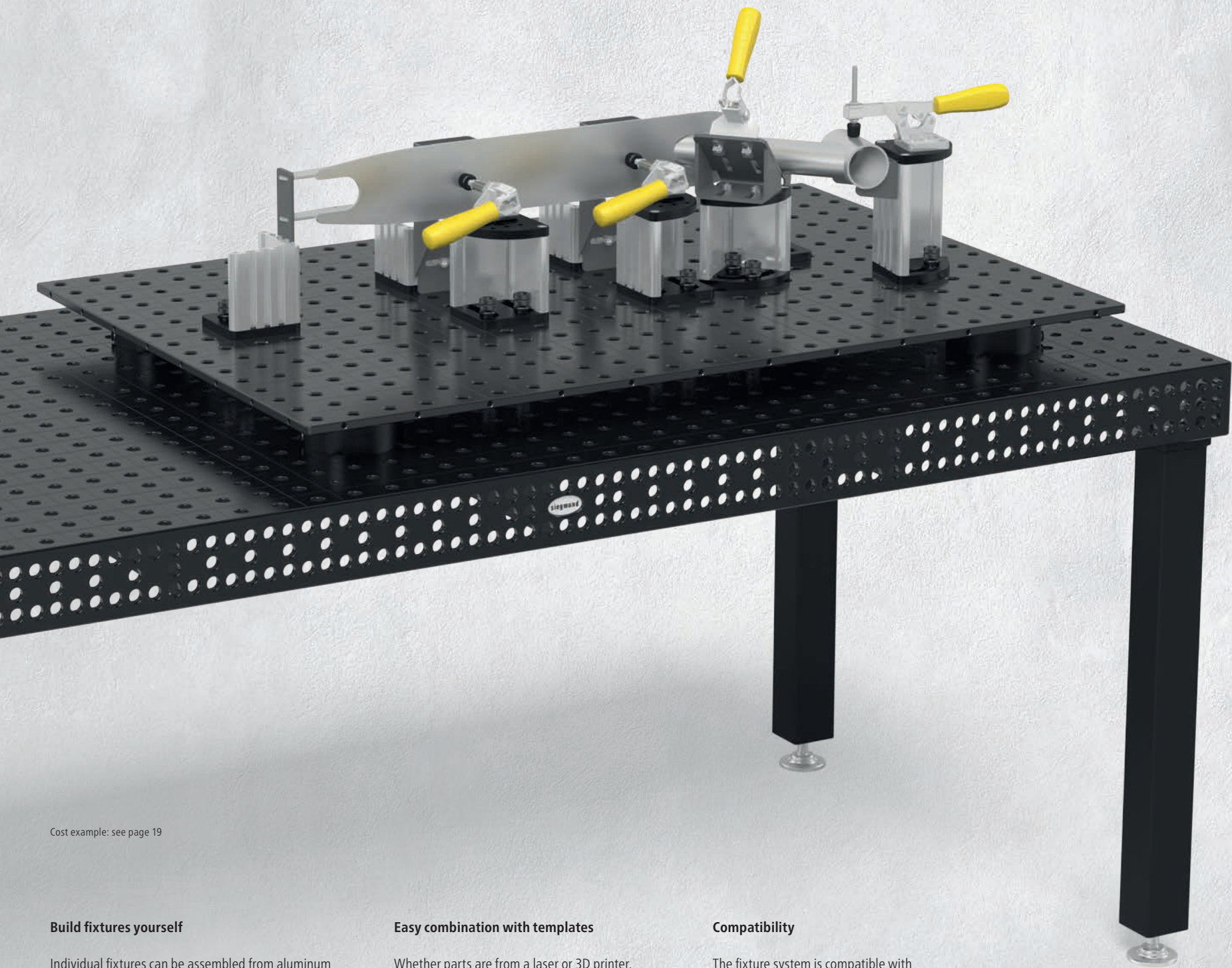


Further detailed information is available at:
www.siegmund.com/F-cell

New clamping system

For the simple creation of series fixtures with templates


 Repeated accuracy with less set-up time and higher productivity. Small or large fixtures can be quickly built in 1-3 hours.



Cost example: see page 19

Build fixtures yourself

Individual fixtures can be assembled from aluminum profiles together with various cover and base plates. Small to large fixtures can be easily and quickly built at minimum cost.

Easy combination with templates

Whether parts are from a laser or 3D printer, parts can be attached to the profile in the T-Slot with square nuts and screws.

Compatibility

The fixture system is compatible with all the Siegmund product range.



Specifications

- Modular system for maximum flexibility
- For system 16, 22 and 28
- On going development of the product range
- We recommend Siegmund perforated plates, welding tables or slot tables as a basis



Working with templates

- T-Slots for attaching templates, e.g. laser templates, 3D printed parts, etc.
- Templates are aligned using the table surface



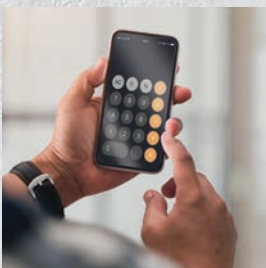
Individual height

- Components heights set by aluminum profile length
- Individual height adjustment from cut lengths
- Profiles available in fixed lengths and round bars



Quick-Change Clamp

- Rapid clamping and release
- Ergonomic clamp handle
- Optional versions and sizes
- All with Siegmund hole pattern



Cost example

without table, perforated plate, zero point clamping system and laser cut profiles

Accessories

15x Bolts	465 €
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Clamping system

2x Aluminum profile 76 mm, 5x Aluminum profile 101 mm, 1x Aluminum profile 151 mm, 4x Cover plate, 8x Base plate, 86x Screws, 4x Fast Clamping Equipment, 2x Spacer plate	523 €
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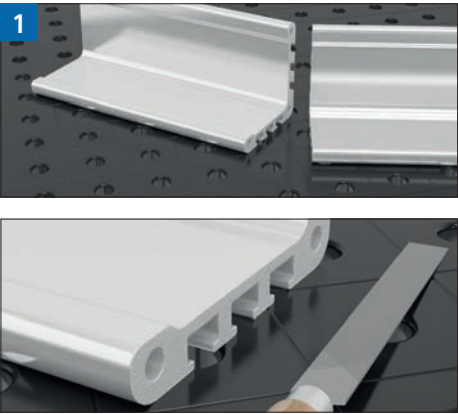
Assembly time approx. 2,5 hours



Further detailed information is available at:
www.siegmund.com/F-clampingsystem

New clamping system

For the simple creation of series fixtures with templates



Define the height of the square

- Cut the aluminum profile to the required length
- Note the minimum height of the cut (Page 23)
- Ensure cut edges are square
- Deburr the profile after sawing

We also offer cut and finished profiles. (Page 23)



Fasten the base plate

- Fasten aluminum profile using self tapping screws
- When the screws are screwed in, a thread is created in the profile
- Thread cutting is not required with self tapping screws
- Maximum torque: 20 Nm



Insert square nuts

- Insert square nuts in the T-Slot of the aluminum profiles
- For fastening customer-side templates (material thickness 5 – 6 mm) or optionally also lateral fastening of quick-change clamps with M8x12 screws



Fasten the cover plate

- Fasten aluminum profile using self tapping screws
- When the screws are screwed in, a thread is created in the profile
- Thread cutting is not required with self tapping screws
- Maximum torque: 20 Nm



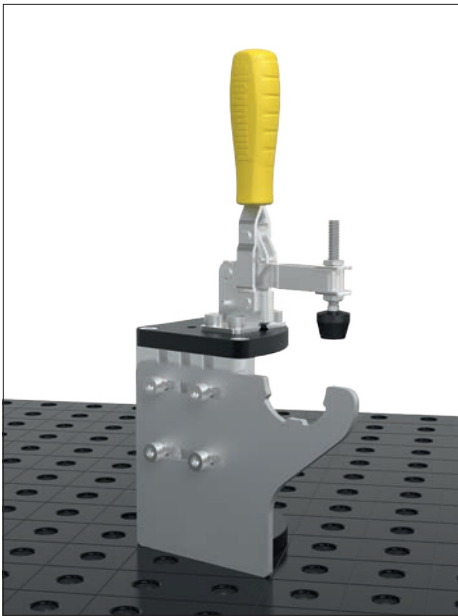
Mount accessories

- Mount the quick-change clamp directly on the cover plate
- The quick-change clamp can also be attached using an adapter
- Fastening of clamps, squares, stops and prisms in system 16 boreholes possible



Clamp the device

- Attachment to perforated plate, welding table or slot table with fast clamping bolts
- If required, use a M8x12 screw to fasten the customized template to a square nut



Example of the finished angle

Self-tapping screws M8x25

Page 25

Square nuts M8

Page 25

Screws M8x12

Page 25

Laser cut profile

Customer-side example

Quick-Change Clamp

Page 24

Screws M8x16

Page 25

Cover plate

Page 23

Aluminum profile 100 T

Page 23

Fast Clamping Bolt

Base plate

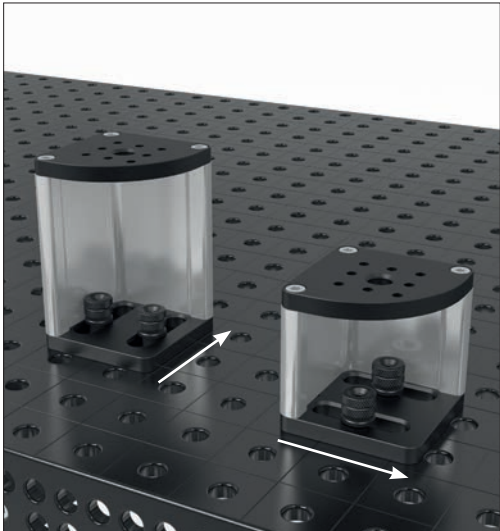
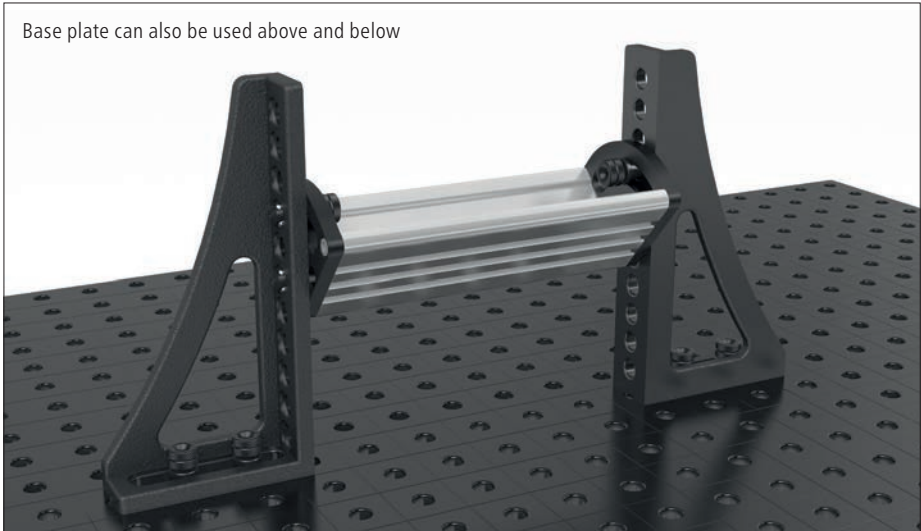
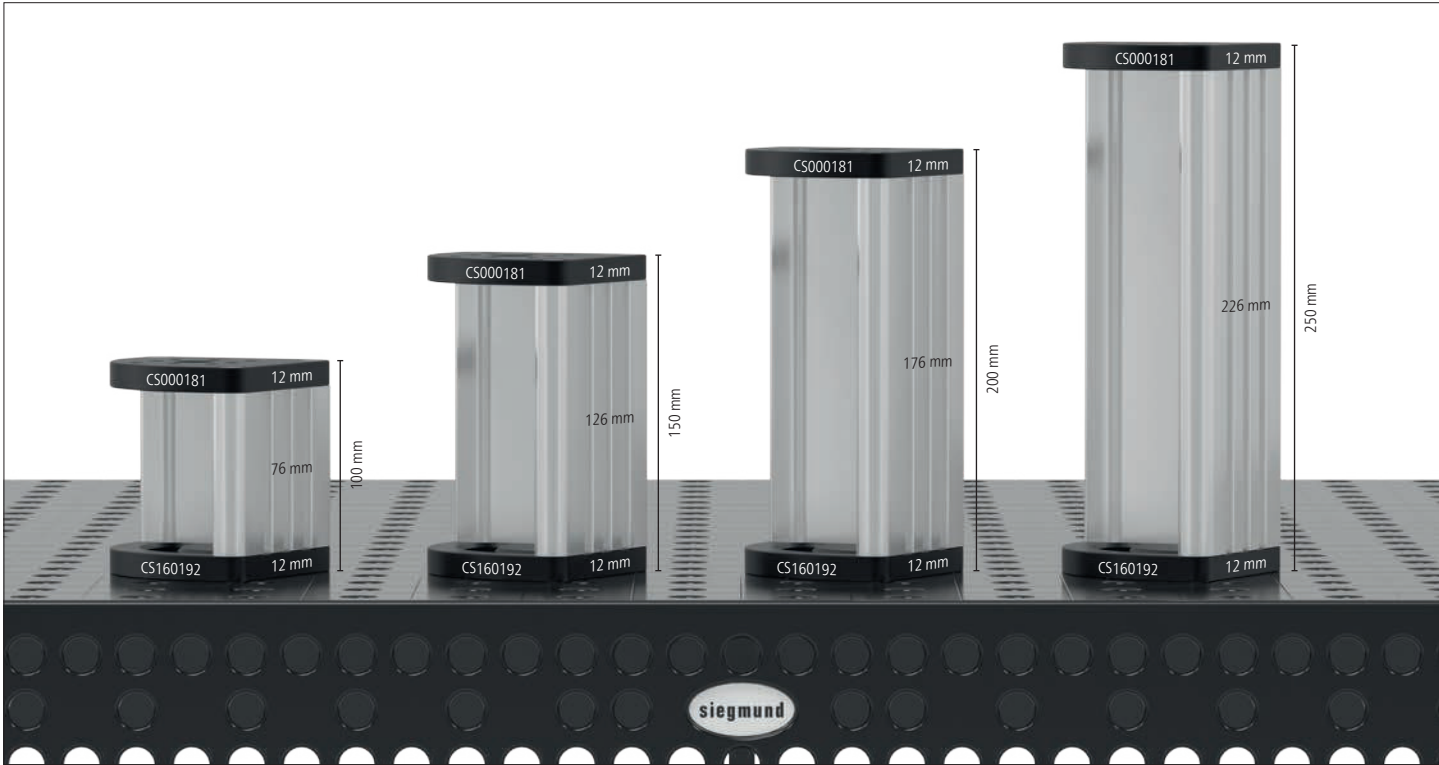
Page 27 / 29 / 31

Self-tapping screws M8x25

Page 25

Perforated plate

Page 26 / 28 / 30

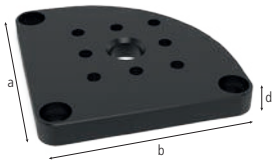


ALU

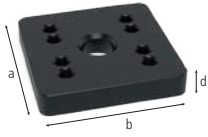
Aluminum profile 100 T

3 T-slots on each side, for M8 square nuts, distance of T-Slots 20 mm, for connecting base and cover plate, aluminum profile 2000 mm for customized cutting, Minimum height for cuts: System 16: 45 mm, System 22: 35 mm, System 28: 40 mm

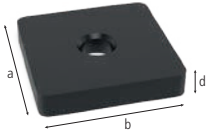
	Style:	Length: (a)	Width: (b)	Height: (c)	Weight:	
2-CS000172.1	T-Slot	76 mm	100 mm	100 mm	0,34 kg	10,00 € •
2-CS000172.2	T-Slot	101 mm	100 mm	100 mm	0,45 kg	12,00 € •
2-CS000172.3	T-Slot	126 mm	100 mm	100 mm	0,56 kg	14,00 € •
2-CS000172.4	T-Slot	151 mm	100 mm	100 mm	0,66 kg	15,00 € •
2-CS000172.5	T-Slot	176 mm	100 mm	100 mm	0,77 kg	17,00 € •
2-CS000172.6	T-Slot	201 mm	100 mm	100 mm	0,88 kg	19,00 € •
2-CS000172.7	T-Slot	226 mm	100 mm	100 mm	0,99 kg	20,00 € •
2-CS000172.8	T-Slot	251 mm	100 mm	100 mm	1,10 kg	22,00 € •
2-CS000172.9	T-Slot	276 mm	100 mm	100 mm	1,21 kg	24,00 € •
2-CS000176	T-Slot	500 mm	100 mm	100 mm	2,19 kg	39,00 € •
2-CS000172	T-Slot	2.000 mm	100 mm	100 mm	8,74 kg	130,00 € •



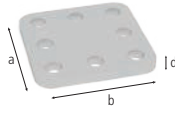
2-CS000181



2-CS000183



2-CS000184



2-CS000185.Set

2-CS000181	Cover plate 100 - nitrided	25,00 € •
•	threaded holes M8 for fastening quick-change clamps, fastening to the profile with self-tapping screws, system 16 borehole in the middle	
Length: (a)	Width: (b)	MS: (d)
100 mm	100 mm	12 mm
Weight:		0,71 kg
2-CS000183	Adapter plate with hole pattern for Toggle Clamp - nitrided	16,00 € •
•	fastening with countersunk bolts 160528, enables free positioning of quick-change clamps, for Toggle Clamp (Hole pattern 40x20 mm / 40x40 mm / 40 mm)	
Length: (a)	Width: (b)	MS: (d)
70 mm	70 mm	12 mm
Weight:		0,41 kg
2-CS000184	Adapter plate without hole pattern for Toggle Clamp - nitrided	11,00 € •
•	fastening with countersunk bolts 160528, adapter for quick-change clamps from other manufacturers, drilling pattern can be added by the customer	
Length: (a)	Width: (b)	MS: (d)
70 mm	70 mm	12 mm
Weight:		0,44 kg
2-CS000185.Set	Set Spacer plate 5 mm pack of 5 - Stainless Steel	16,00 € •
•	5 pieces, as height compensation when using quick-change clamps, for Toggle Clamp (Hole pattern 40x20 mm / 40x40 mm / 40 mm)	
Length: (a)	Width: (b)	MS: (d)
59 mm	59 mm	5 mm
Weight:		0,60 kg

MS=Material thickness;



Further detailed information is available at:
www.siegmund.com/F-clampingsystem

ALU = Aluminum

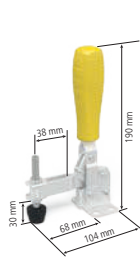
• = Scratch-proof

N = Welding spatter protection

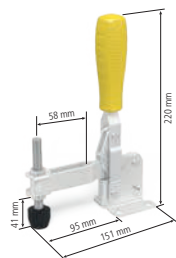
BAR = Corrosion protection

• = Item produced for stock

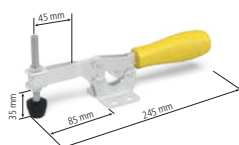
○ = Item produced on order



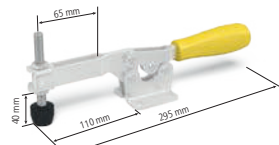
2-CS009082



2-CS009084

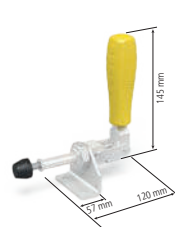


2-CS009092

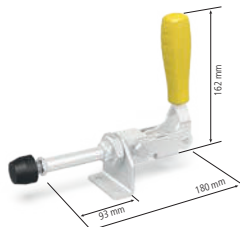


2-CS009094

2-CS009082	Vertical clamp 1800	26,00 € •
without adapter, Hole pattern 40x20 mm, opening angle: 110°		
max. holding force	Length: (a)	Width: (b)
1,8 kN	104 mm	56 mm
	Height: (c)	Weight:
	190 mm	0,43 kg
2-CS009084	Vertical clamp 2200	29,00 € •
without adapter, Hole pattern 40x40 mm, opening angle: 105°		
max. holding force	Length: (a)	Width: (b)
2,2 kN	151 mm	58 mm
	Height: (c)	Weight:
	220 mm	0,70 kg
2-CS009092	Horizontal clamp 1800	24,00 € •
without adapter, Hole pattern 40x20 mm, with less interference contour compared to vertical clamps, opening angle: 90°		
max. holding force	Length: (a)	Width: (b)
1,8 kN	245 mm	56 mm
	Height: (c)	Weight:
	-	0,43 kg
2-CS009094	Horizontal clamp 3000	30,00 € •
without adapter, Hole pattern 40x40 mm, with less interference contour compared to vertical clamps, opening angle: 90°		
max. holding force	Length: (a)	Width: (b)
3 kN	295 mm	58 mm
	Height: (c)	Weight:
	-	0,73 kg



2-CS009083



2-CS009093

2-CS009083	Horizontal Toggle Clamp 2500	36,00 € •
without adapter, Hole pattern 40 mm		
max. holding force	Length: (a)	Weight:
2,5 kN	120 mm	0,51 kg
2-CS009093	Horizontal Toggle Clamp 4000	50,00 € •
without adapter, Hole pattern 40 mm		
max. holding force	Length: (a)	Weight:
4 kN	180 mm	1,00 kg



2-CS009001



2-CS009002

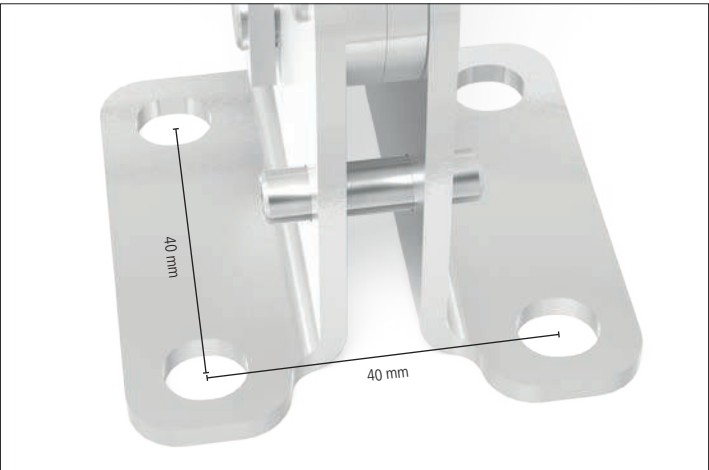
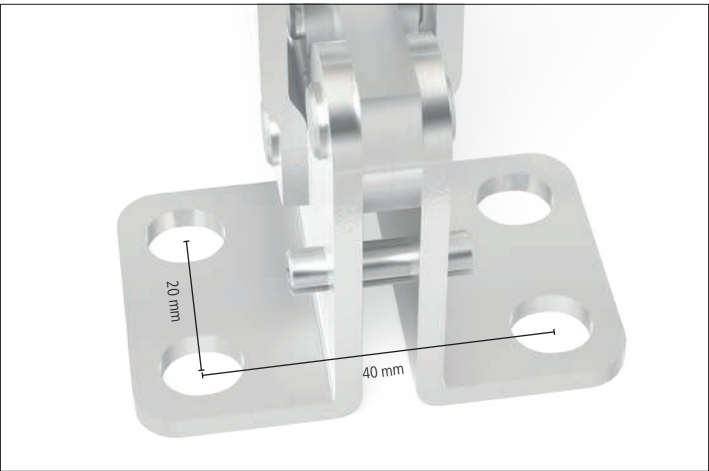


2-CS009003



2-CS009004

2-CS009001	Set Self-tapping screws M8x25 pack of 50	7,00 € •
50 pieces, for connecting base or cover plates with aluminum profile		
Weight:		
1,00 kg		
2-CS009002	Set Screws M8x12 pack of 50	7,00 € •
50 pieces, for fastening quick-change clamps and templates (material thickness 5 – 6 mm) in the slot		
Weight:		
0,60 kg		
2-CS009003	Set Screws M8x16 pack of 50	7,00 € •
50 pieces, for attaching quick-change clamps to cover plates		
Weight:		
0,65 kg		
2-CS009004	Set Square nuts M8 pack of 50	3,00 € •
50 pieces, Sliding blocks for aluminum profiles with T-Slot		
Weight:		
0,35 kg		



Further detailed information is available at:
www.siegmund.com/F-clampingsystem

Starter set 16

- Included in the set
- 4x CS000176

4x CS000181

4x CS160192

1x CS009001

1x CS009002

1x CS009003

1x CS009004
- Aluminum profile 100 T 500 mm

Cover plate 100 nitrided

Base plate 100 radial nitrided

Set Self-tapping screws M8x25 pack of 50

Set Screws M8x12 pack of 50

Set Screws M8x16 pack of 50

Set Square nuts M8 pack of 50



331 €

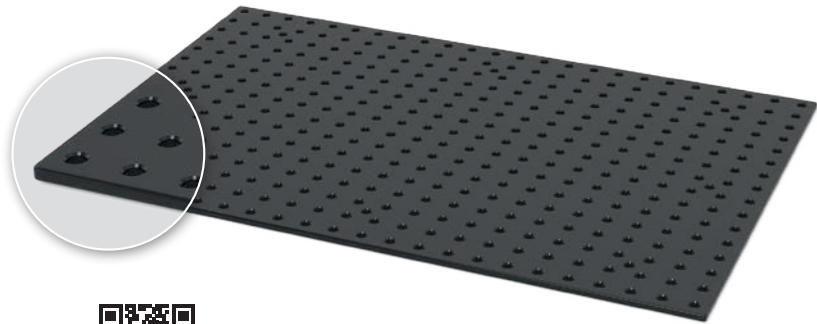
instead of 356 €

4-CS160001.1

Perforated plate X8.7 1200x800x12 mm

The ideal basis for your fixtures.

Borehole Ø 16 mm
Through-hardened tool steel X8.7
+ Plasma nitration
Boreholes 50x50 mm Grid
Material thickness approx. 11,5 – 13 mm



575 €

4-164004.X7



More perforated plates online:
www.siegmund.com/F-plates

Fast Clamping Equipment with Adapter



Vertical clamp 1800 with Adapter	
Adapter CS160715.4, for system borehole 16 mm	
4-CS160790	42 €



Horizontal Toggle Clamp 2500 with Adapter	
Adapter CS160715.4, for system borehole 16 mm	
4-CS160792	51 €



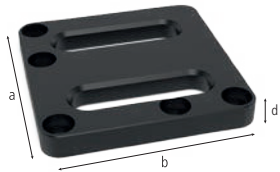
Horizontal clamp 1800 with Adapter	
Adapter CS160715.4, for system borehole 16 mm	
4-CS160794	40 €



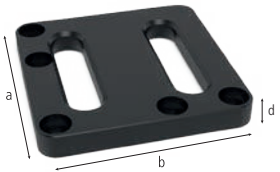
Horizontal Toggle Clamp 4000 with Adapter	
Adapter CS160715.4, for system borehole 16 mm	
4-CS160793	64 €












2-CS160192



2-CS160193



2-CS160194

2-CS160192	Base plate 100 radial - nitrided	19,00 € •
  	radially positionable, for fastening to aluminum profile with self-tapping screw, for borehole spacing 50 mm, stepless rotation by 90°	
	Length: (a) Width: (b) MS: (d) Weight:	
	100 mm 100 mm 12 mm 0,57 kg	
2-CS160193	Base plate 100 linear left - nitrided	20,00 € •
  	linearly positionable left, for fastening to aluminum profile with self-tapping screw, steplessly movable	
	Length: (a) Width: (b) MS: (d) Weight:	
	100 mm 100 mm 12 mm 0,64 kg	
2-CS160194	Base plate 100 linear right - nitrided	20,00 € •
  	linearly positionable right, for fastening to aluminum profile with self-tapping screw, steplessly movable	
	Length: (a) Width: (b) MS: (d) Weight:	
	100 mm 100 mm 12 mm 0,64 kg	
MS=Material thickness;		



2-CS160715.4



2-160546.1

2-CS160715.4	Adapter with Hole Pattern Ø 60 / 15 eccentric - burnished	19,00 € •
for Toggle Clamp (Hole pattern 40x20 mm / 40 mm), for system borehole 16 mm		
	Height: (c) Ø: MS: (d) Weight:	
	25 mm 60 mm 15 mm 0,36 kg	
2-160546.1	Clamp Bushing for M8 thread	7,00 € •
incl. screw, for fastening Siegmund parts to the threaded boreholes		
	Height: (c) Ø: MS: (d) Weight:	
	17 mm 23 mm - 0,02 kg	
MS=Material thickness;		



Further detailed information is available at:
www.siegmund.com/F-clampingsystem

Starter set 22

- Included in the set
- 4x CS000176

Aluminum profile 100 T 500 mm
- 4x CS000181

Cover plate 100 nitrided
- 4x CS220192

Base plate 170 radial nitrided
- 1x CS009001

Set Self-tapping screws M8x25 pack of 50
- 1x CS009002

Set Screws M8x12 pack of 50
- 1x CS009003

Set Screws M8x16 pack of 50
- 1x CS009004

Set Square nuts M8 pack of 50



431 €

instead of 464 €

4-CS220001.1

Perforated plate S355J2+N 1200x800x18 mm

The ideal basis for your fixtures.

Borehole Ø 22 mm
premium steel S355J2+N
+ Plasma nitration
Boreholes 100x100 mm Grid
Material thickness approx. 17 – 19 mm



615 €

4-224004.P



More perforated plates online:
www.siegmund.com/F-plates

Fast Clamping Equipment with Adapter



Vertical clamp 1800 with Adapter
Adapter CS220715.4, for system borehole 22 mm

4-CS220790 42 €



Vertical clamp 2200 with Adapter
Adapter CS220715.4, for system borehole 22 mm

4-CS220791 45 €



Horizontal clamp 1800 with Adapter
Adapter CS220715.4, for system borehole 22 mm

4-CS220794 40 €



Horizontal clamp 3000 with Adapter
Adapter CS220715.4, for system borehole 22 mm

4-CS220795 46 €



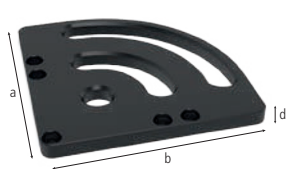
Horizontal Toggle Clamp 2500 with Adapter
Adapter CS220715.4, for system borehole 22 mm

4-CS220792 51 €

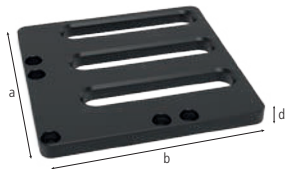


Horizontal Toggle Clamp 4000 with Adapter
Adapter CS220715.4, for system borehole 22 mm

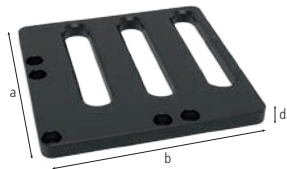
4-CS220793 64 €












2-CS220192



2-CS220193



2-CS220194

2-CS220192	Base plate 170 radial - nitrided	46,00 €	•
  	radially positionable, for fastening to aluminum profile with self-tapping screw, for borehole spacing 50 mm / 100 mm, stepless rotation by 90° Length: (a) Width: (b) MS: (d) Weight: 170 mm 170 mm 18 mm 2,59 kg		
2-CS220193	Base plate 170 linear left - nitrided	52,00 €	•
  	linearly positionable left, for fastening to aluminum profile with self-tapping screw, steplessly movable Length: (a) Width: (b) MS: (d) Weight: 170 mm 170 mm 18 mm 2,81 kg		
2-CS220194	Base plate 170 linear right - nitrided	52,00 €	•
  	linearly positionable right, for fastening to aluminum profile with self-tapping screw, steplessly movable Length: (a) Width: (b) MS: (d) Weight: 170 mm 170 mm 18 mm 2,81 kg		
MS=Material thickness;			



2-CS220715.4



2-220546.1

2-CS220715.4	Adapter with Hole Pattern Ø 70 / 15 eccentric - burnished	19,00 €	•
	for Toggle Clamp (Hole pattern 40x20 mm / 40x40 mm / 40 mm), for system borehole 22 mm Height: (c) Ø: MS: (d) Weight: 25 mm 70 mm 15 mm 0,46 kg		
2-220546.1	Clamp Bushing for M8 thread	10,00 €	•
	incl. screw, for fastening Siegmund parts to the threaded boreholes Height: (c) Ø: MS: (d) Weight: 21 mm 31 mm - 0,05 kg		
MS=Material thickness;			



Further detailed information is available at:
www.siegmund.com/F-clampingsystem

Starter set 28

- Included in the set
- 4x CS000176

4x CS000181

4x CS280192

2x 800653.N

1x CS009001

1x CS009002

1x CS009003

1x CS009004
- Aluminum profile 100 T 500 mm

Cover plate 100 nitrided

Base plate 175 radial nitrided

Spacer Ring pack of 4

Set Self-tapping screws M8x25 pack of 50

Set Screws M8x12 pack of 50

Set Screws M8x16 pack of 50

Set Square nuts M8 pack of 50

435 €

instead of 468 €

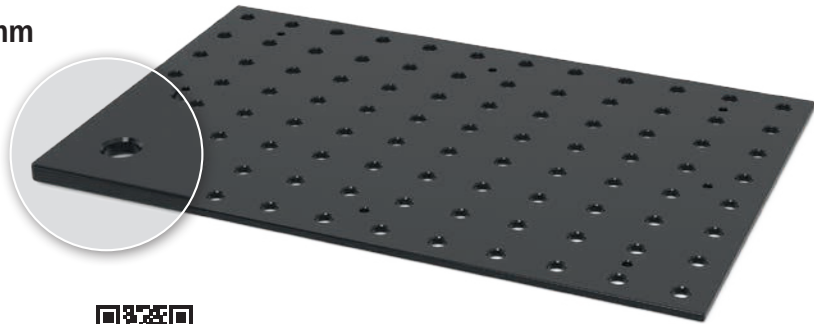
4-CS280001.1



Perforated plate Premium Light 1200x800x15 mm

The ideal basis for your fixtures.

Borehole Ø 28 mm
Through-hardened tool steel X8.7
+ Plasma nitration
Boreholes 100x100 mm Grid
Material thickness approx. 15 mm



614 €

4-804004.X7



More perforated plates online:
www.siegmund.com/F-plates

Fast Clamping Equipment with Adapter



Vertical clamp 1800 with Adapter

Adapter CS280715.4, for system borehole 28 mm

4-CS28079042 €



Vertical clamp 2200 with Adapter

Adapter CS280715.4, for system borehole 28 mm

4-CS28079145 €



Horizontal clamp 1800 with Adapter

Adapter CS280715.4, for system borehole 28 mm

4-CS28079440 €



Horizontal clamp 3000 with Adapter

Adapter CS280715.4, for system borehole 28 mm

4-CS28079546 €



Horizontal Toggle Clamp 2500 with Adapter

Adapter CS280715.4, for system borehole 28 mm

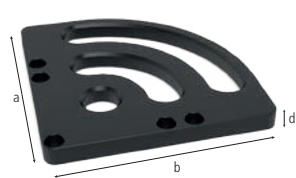
4-CS28079251 €



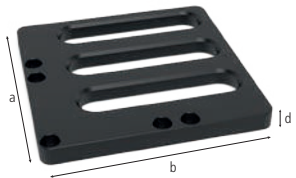
Horizontal Toggle Clamp 4000 with Adapter

Adapter CS280715.4, for system borehole 28 mm

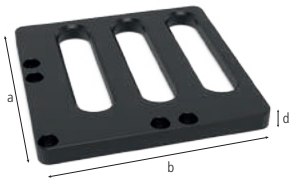
4-CS28079364 €



2-CS280192















2-CS280193



2-CS280194



2-800653.N

2-CS280192	Base plate 175 radial - nitrided				43,00 € •
  	radially positionable, for fastening to aluminum profile with self-tapping screw, for borehole spacing 50 mm / 100 mm, stepless rotation by 90°				
	Length: (a)	Width: (b)	Ø:	MS: (d)	Weight:
	175 mm	175 mm	-	15 mm	2,06 kg
2-CS280193	Base plate 175 linear left - nitrided				49,00 € •
  	linearly positionable left, for fastening to aluminum profile with self-tapping screw, steplessly movable				
	Length: (a)	Width: (b)	Ø:	MS: (d)	Weight:
	175 mm	175 mm	-	15 mm	2,23 kg
2-CS280194	Base plate 175 linear right - nitrided				49,00 € •
  	linearly positionable right, for fastening to aluminum profile with self-tapping screw, steplessly movable				
	Length: (a)	Width: (b)	Ø:	MS: (d)	Weight:
	175 mm	175 mm	-	15 mm	2,23 kg
2-800653.N	Spacer Ring for Premium Light pack of 4 - nitrided				8,00 € •
  	distance between two clamping elements, is required for clamping to material thickness 15 mm with bolt 280510/280511, Scope of delivery: 4 pieces				
	Length: (a)	Width: (b)	Ø:	MS: (d)	Weight:
	-	-	40 mm	10 mm	0,04 kg

MS=Material thickness;



2-CS280715.4



2-CS280715.5




2-280546.5

2-CS280715.4	Adapter with Hole Pattern Ø 70 / 15 eccentric - burnished				19,00 €	•
for Toggle Clamp (Hole pattern 40x20 mm / 40x40 mm / 40 mm), for system borehole 28 mm						
Height: (c)		Ø:	MS: (d)	Weight:		
30 mm		70 mm	15 mm	0,48 kg		
2-CS280715.5	Adapter with Hole Pattern Ø 70 / 40 eccentric - burnished				26,00 €	•
for Toggle Clamp (Hole pattern 40x20 mm / 40x40 mm / 40 mm), for system borehole 28 mm						
Height: (c)		Ø:	MS: (d)	Weight:		
55 mm		70 mm	40 mm	1,20 kg		
2-280546.5	Clamp Bushing for M8 thread				13,00 €	•
incl. screw, for fastening Siegmund parts to the threaded boreholes						
Height: (c)		Ø:	MS: (d)	Weight:		
28 mm		40 mm	-	0,11 kg		

MS=Material thickness;

 = Scratch-proof

 = Welding spatter protection

 = Corrosion protection

• = Item produced for stock

○ = Item produced on order



Further detailed information is available at:
www.siegmund.com/F-clampingsystem

Zero point clamping system

Exchange welding fixtures easily and flexibly

Change your reused welding fixtures in a few simple steps with Siegmund's zero point clamping system.

Produce in series

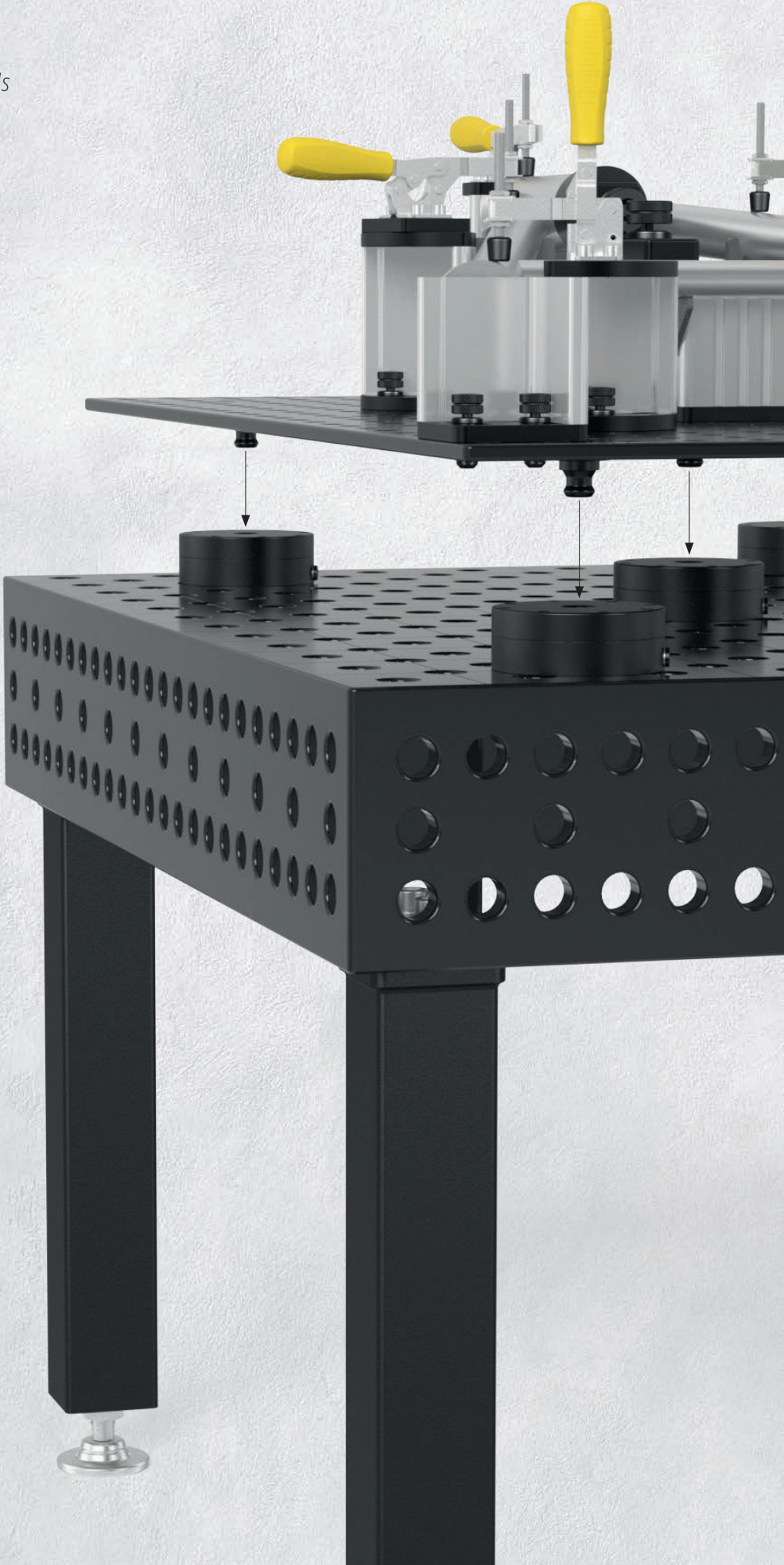
Automate your workplace now with Siegmund's zero point clamping system and upgrade your welding table to increase the robot working load and ensure consistent quality.

Quick Fixture Change

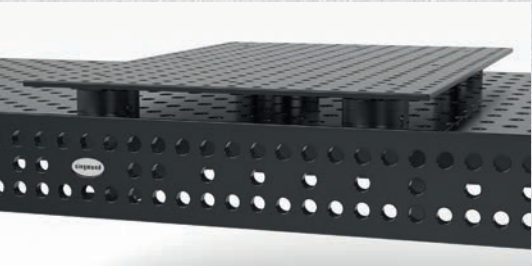
Simply remove and replace the complete perforated plate and fixture assembly and replace with another.

Simple usage

The modules of the zero point clamping system are centered and fastened in the borehole of the welding table. The perforated plate is fastened using clamping bolts via the zero point clamping system.



new



Specifications

- The basis of the system is the Siegmund welding table
- At least 4 clamping modules are required per perforated plate
- The perforated plate is clamped and centered using balls
- Readjustment of the clamped fixture is not necessary



Advantages

- Switch quickly between recurring fixtures
- Minimization of non-productive welding times
- Suitable for use with and without welding robots
- Very good repeat accuracy



Holding force and accuracy

- Maximum vertical holding force 2 kN per module
- Zeroing with high precision



Styles

- Actuation mechanical
- Actuation pneumatic



Further detailed information is available at:
www.siegmund.com/F-zeropoint



Application of bushings



2-ZP0010

2-ZP0020

2-ZP0010	Zero point clamping system mechanic - nitrided				47,00 € •
NEW	DIAMOND	N	BAR	Clamping module for manual clamping, actuation via open-end wrench SW 50	
				max. holding force	Height: (c)
				1 kN	45 mm
				Ø:	58 mm
				Weight:	0,54 kg
2-ZP0020	Zero point clamping system pneumatic - nitrided				247,00 € •
NEW	DIAMOND	N	BAR	Clamping module for pneumatic clamping using compressed air (approx. 7,5 bar), incl. Universal banjo screw ZP0021	
				max. holding force	Height: (c)
				1 kN	45 mm
				Ø:	125 mm
				Weight:	3,39 kg



2-ZP0022

2-ZP0021

2-ZP0022	Cover bolt Polyamide					11,00 € •
NEW	PA	to protect unused clamping modules				
		Length: (a)	Width: (b)	Height: (c)	Ø:	Weight:
		-	-	29 mm	35 mm	0,02 kg
2-ZP0021	Universal banjo screw - nitrided					24,00 € •
NEW	DIAMOND	N	BAR	for fastening the pneumatic clamping module		
		Length: (a)	Width: (b)	Height: (c)	Ø:	Weight:
		-	-	55 mm	36 mm	0,15 kg



Spare parts and further information at:
www.siegmund.com/F-zero-point

Starter set mechanic

- Included in the set
- 4x ZP0010

4x ZP1600

1x ZP1601

2x ZP1602

1x ZP1603
- Zero point clamping system mechanic

Clamping bolt

Centering bushing

Retaining bushing

Compensating bushing

288 €

instead of 310 €

4-ZP1610



Starter set pneumatic

- Included in the set
- 4x ZP0020

4x ZP1600

1x ZP1601

2x ZP1602

1x ZP1603
- Zero point clamping system pneumatic

Clamping bolt

Centering bushing

Retaining bushing

Compensating bushing

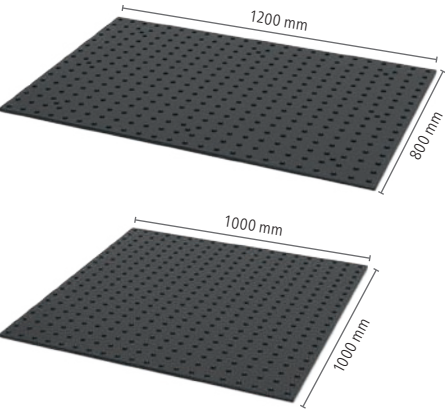
1.030 €

instead of 1.108 €

4-ZP1620



Suitable perforated plates



Perforated plate X8.7 1200x800x12 mm

Through-hardened tool steel X8.7 + Plasma nitration

Boreholes 50x50 mm Grid

Material thickness approx. 11,5 – 13 mm

575 €

2-164004.X7

Perforated plate X8.7 1000x1000x12 mm

Through-hardened tool steel X8.7 + Plasma nitration

Boreholes 50x50 mm Grid

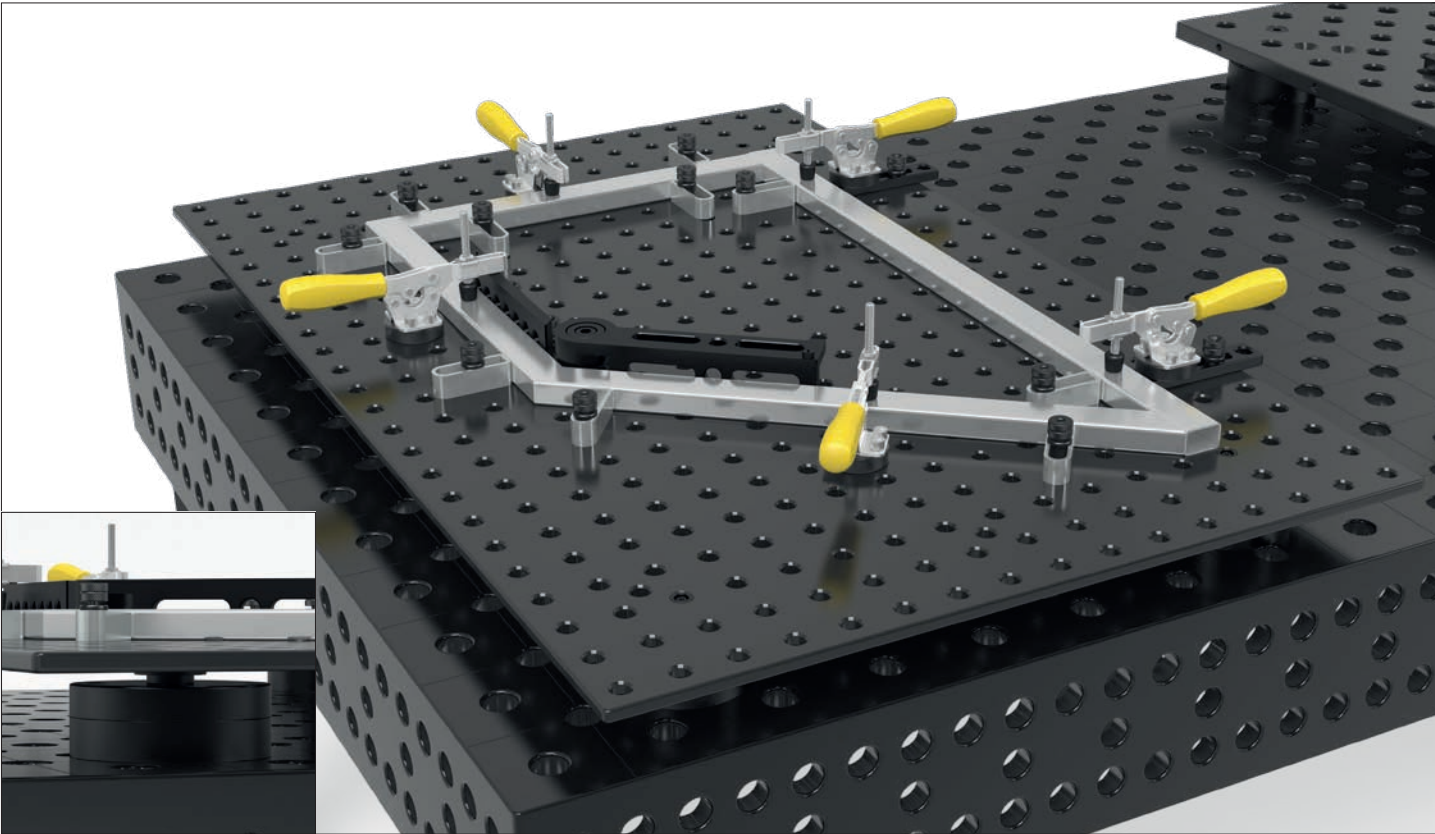
Material thickness approx. 11,5 – 13 mm

581 €

2-164024.X7



2-ZP1600	Clamping bolt	21,00 €	•
NEW	Scratch-proof	N	BAR
for connecting perforated plate with clamping module			
Height: (c)	Ø:	Weight:	
30 mm	45 mm	0,13 kg	
2-ZP1601	Centering bushing - nitrided	8,00 €	•
NEW	Scratch-proof	N	BAR
for connecting clamping bolts with perforated plate, centering in two axes, incl. fixing material			
Height: (c)	Ø:	Weight:	
10 mm	19 mm	0,01 kg	
2-ZP1602	Retaining bushing - nitrided	8,00 €	•
NEW	Scratch-proof	N	BAR
for connecting clamping bolts with perforated plate, clamping and holding function, no centering, incl. fixing material			
Height: (c)	Ø:	Weight:	
10 mm	19 mm	0,01 kg	
2-ZP1603	Compensating bushing - nitrided	12,00 €	•
NEW	Scratch-proof	N	BAR
for connecting clamping bolts with perforated plate, centering in one axis, incl. fixing material			
Height: (c)	Ø:	Weight:	
10 mm	19 mm	0,01 kg	



More perforated plates online:
www.siegmund.com/F-plates

Preorder now:

Available from July 2022

Scratch-proof

N = Welding spatter protection

BAR = Corrosion protection

• = Item produced for stock

○ = Item produced on order

Starter set mechanic

- Included in the set
- 4x ZP0010

Zero point clamping system mechanic
- 4x ZP2800

Clamping bolt
- 1x ZP2801

Centering bushing
- 2x ZP2802

Retaining bushing
- 1x ZP2803

Compensating bushing

308 €

instead of 332 €

4-ZP2810



Starter set pneumatic

- Included in the set
- 4x ZP0020

Zero point clamping system pneumatic
- 4x ZP2800

Clamping bolt
- 1x ZP2801

Centering bushing
- 2x ZP2802

Retaining bushing
- 1x ZP2803

Compensating bushing

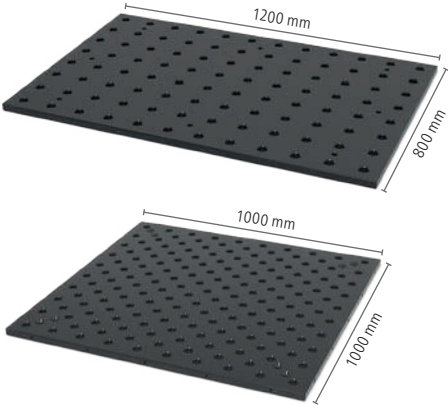
1.051 €

instead of 1.130 €

4-ZP2820



Suitable perforated plates



Perforated plate X8.7 1200x800x25 mm

Through-hardened tool steel X8.7 + Plasma nitration

Boreholes 100x100 mm Grid

Material thickness approx. 25 mm

936 €

2-284004.X7

Basic table top 1000x1000x25 mm

Through-hardened tool steel X8.7 + Plasma nitration

Boreholes Diagonal grid

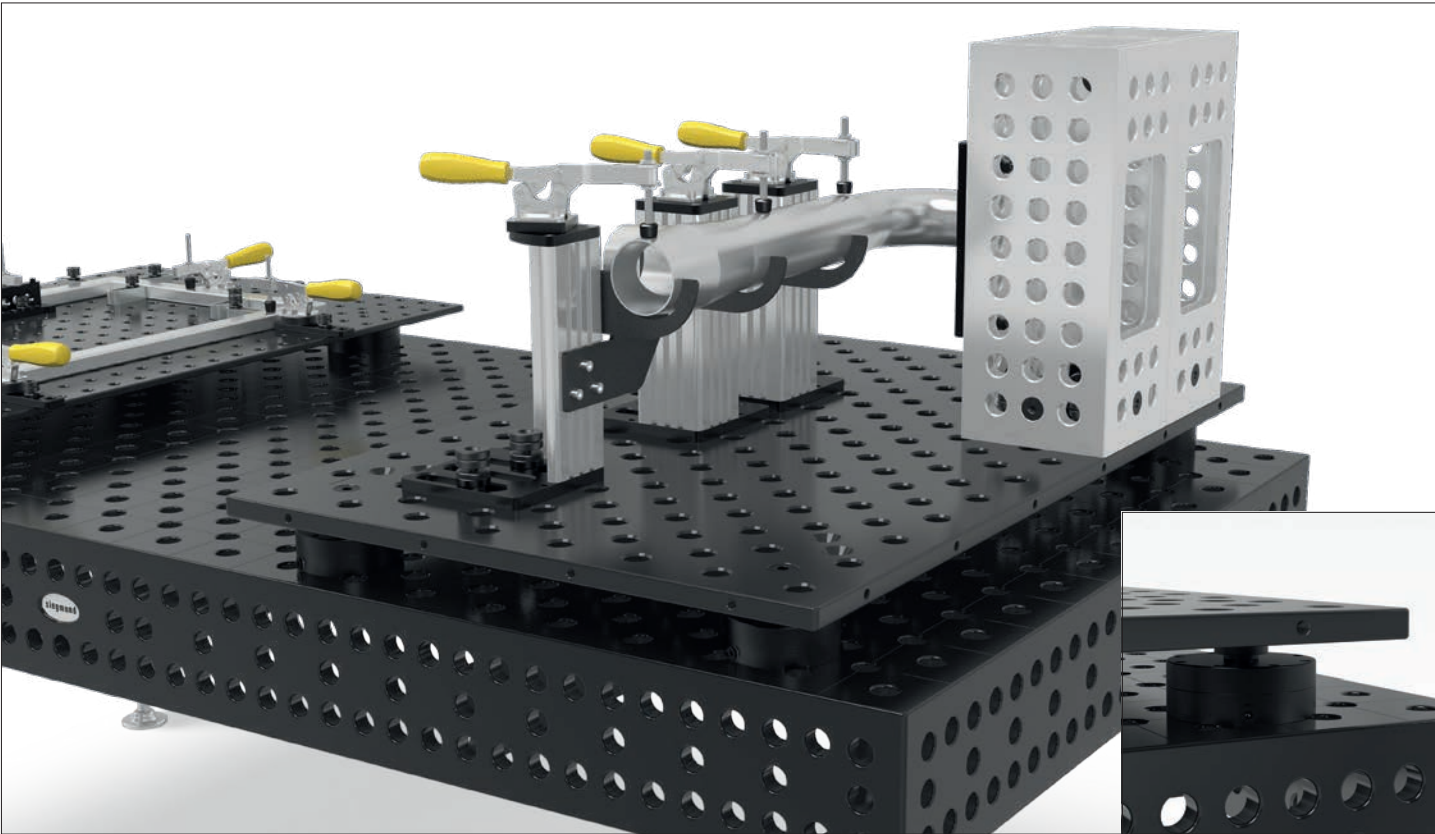
Material thickness approx. 25 mm

863 €

2-281010.XD7.T1



2-ZP2800	Clamping bolt	22,00 €	•
NEW	Scratch-proof	N	BAR
for connecting perforated plate with clamping module			
Height: (c)	Ø:	Weight:	
40 mm	45 mm	0,25 kg	
2-ZP2801	Centering bushing - nitrided	13,00 €	•
NEW	Scratch-proof	N	BAR
for connecting clamping bolts with perforated plate, centering in two axes, incl. fixing material			
Height: (c)	Ø:	Weight:	
13 mm	31 mm	0,06 kg	
2-ZP2802	Retaining bushing - nitrided	13,00 €	•
NEW	Scratch-proof	N	BAR
for connecting clamping bolts with perforated plate, clamping and holding function, no centering, incl. fixing material			
Height: (c)	Ø:	Weight:	
13 mm	31 mm	0,06 kg	
2-ZP2803	Compensating bushing - nitrided	16,00 €	•
NEW	Scratch-proof	N	BAR
for connecting clamping bolts with perforated plate, centering in one axis, incl. fixing material			
Height: (c)	Ø:	Weight:	
13 mm	31 mm	0,06 kg	



More perforated plates online:

www.siegmund.com/F-plates

Preorder now:

Available from July 2022



NEW = Scratch-proof

N = Welding spatter protection

BAR = Corrosion protection

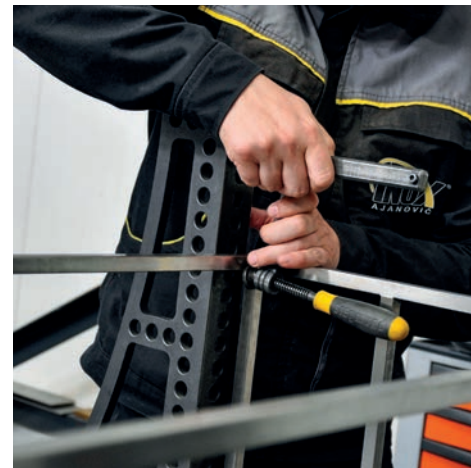
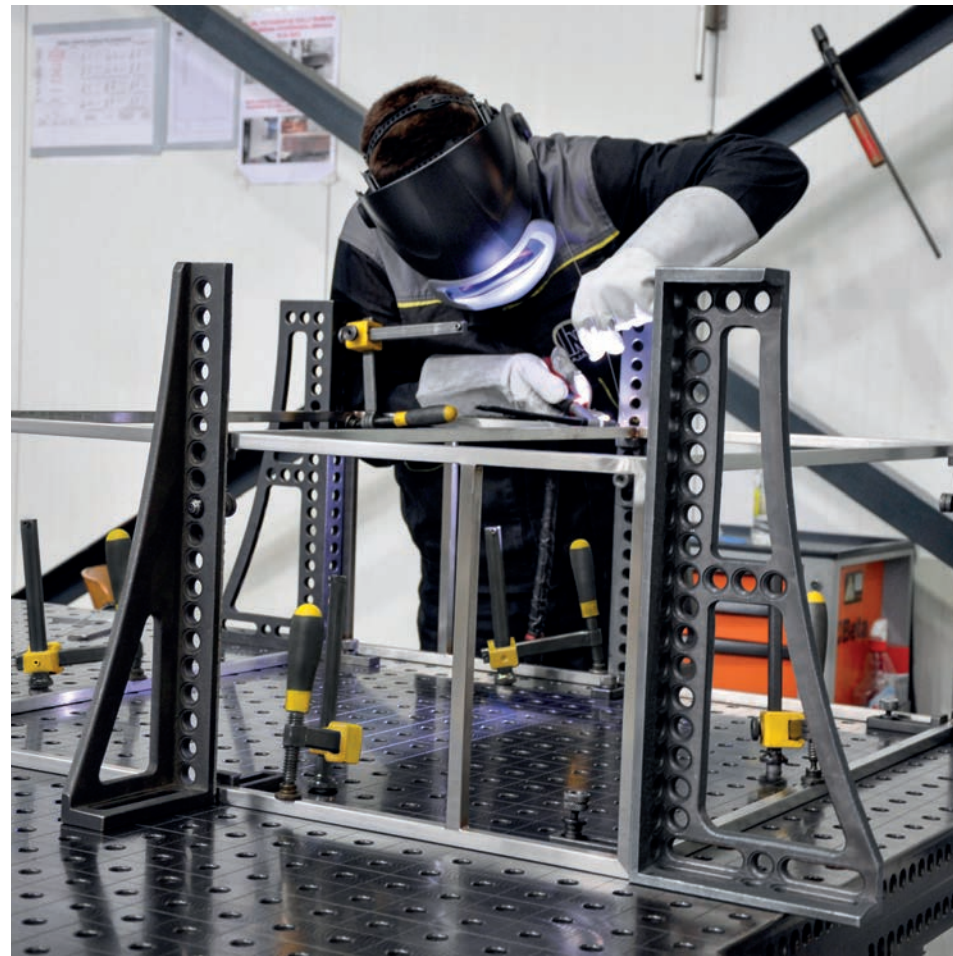
• = Item produced for stock

○ = Item produced on order

Stainless Steel Processing – Inox Ajanović, Tešanj (BIH)

INOX Ajanović, founded in 2000, the industry leader of stainless steel processing in Bosnia and Herzegovina, produces industrial equipment, products for indoor and outdoor as well as yacht parts for a wide variety of industries.

The company works on around 50 Siegmund welding tables in various sizes and systems every day. In the series of pictures we show the production of a table frame. Managing director Mujkanović of INOX Ajanović about Siegmund: „Since we produce a wide variety of products every day, our table setup changes constantly. Siegmund products are versatile enough to meet those changes fast and effortlessly. With Siegmund tools and tables, we can reproduce the same result every time, which makes serial production faster and more precise.“



>> Siegmund's unique and specially developed materials and processes provide features not generally offered by other producers.



More information
www.siegmund.com/F-table75016



Maximum recommended static total load based on even load distribution.
(Data for leg standard equipment)

2000 kg

The images do not correspond to the offers.

System 16

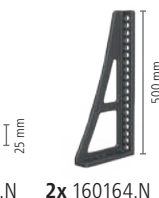
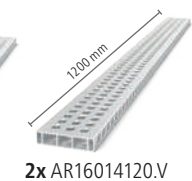
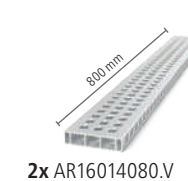
Welding table 2000 x 1000 mm incl. accessories:

- Borehole Ø 16 mm
- Premium steel S355J2+N + Plasma nitration
- Material thickness approx. 11,5 – 13 mm
- Boreholes on the surface 50x50 mm grid
- Height of table side 100 mm
- Borehole spacing of table side 25 mm

4.270 €

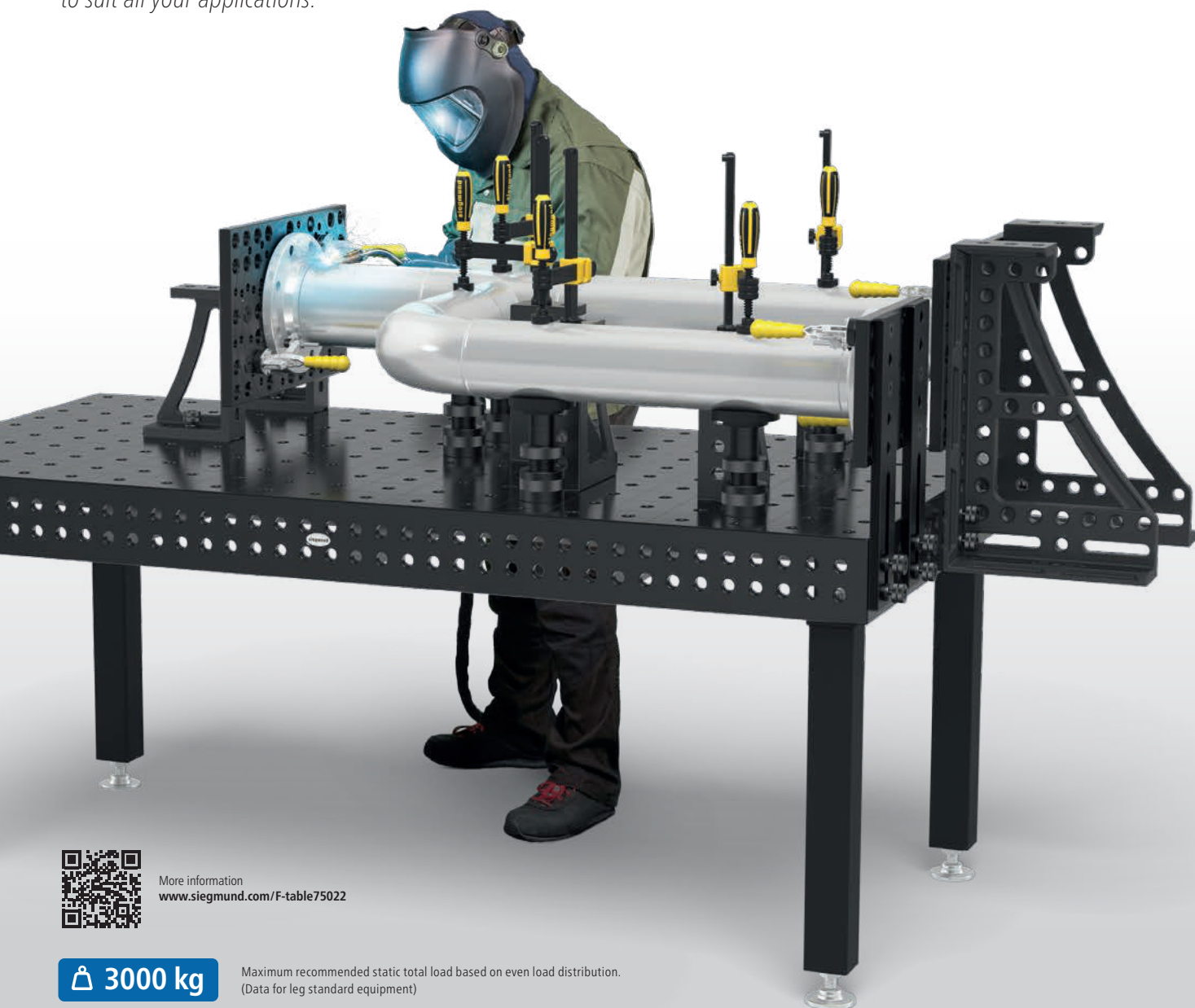
instead of 4.591 €

4-168220.P



SPECIAL offer

Modular, compatible, flexible, individual – a welding and clamping system designed to suit all your applications.



More information
www.siegmund.com/F-table75022

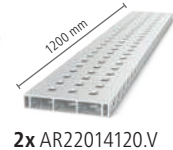
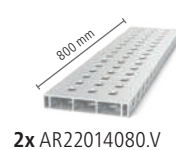
3000 kg

Maximum recommended static total load based on even load distribution.
(Data for leg standard equipment)

System 22

Welding table 2000 x 1000 mm incl. accessories:

- Borehole Ø 22 mm
- Premium steel S355J2+N + Plasma nitration
- Material thickness approx. 17 – 19 mm
- Boreholes on the surface 100x100 mm grid
- Height of table side 150 mm
- Borehole spacing of table side 50 mm



5.147 €

instead of 5.595 €

4-228220.P



SPECIAL offer

By using the Siegmund modular system you can randomly combine and expand your equipment.



More information
www.siegmund.com/F-table75028

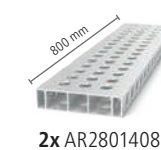
4000 kg

Maximum recommended static total load based on even load distribution.
(Data for leg standard equipment)

System 28

Welding table 2400 x 1200 mm incl. accessories:

- Borehole Ø 28 mm
- Premium steel S355J2+N + Plasma nitration
- Material thickness approx. 24,5 – 27 mm
- Boreholes on the surface 100x100 mm grid
- Height of table side 200 mm
- Borehole spacing of table side 50 mm



6.854 €

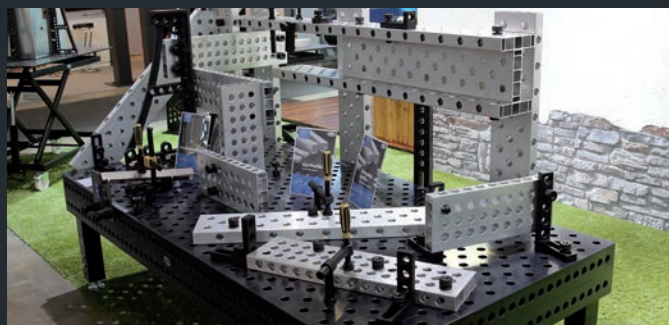
instead of 7.450 €

4-288230.P

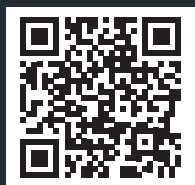


SPECIAL offer

siegmund®



You are cordially invited to our booth for a small snack.



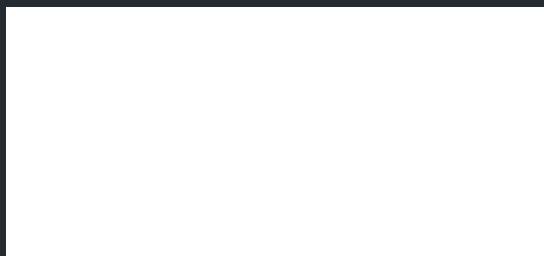
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PRODUCER:

Bernd Siegmund GmbH
Landsberger Str. 180
86507 Oberottmarshausen
Germany (Bavaria)
Phone (0049) 0 82 03 / 96 07 - 0
Fax (0049) 0 82 03 / 96 07 - 33
E-Mail: info@siegmund.com
www.siegmund.com

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