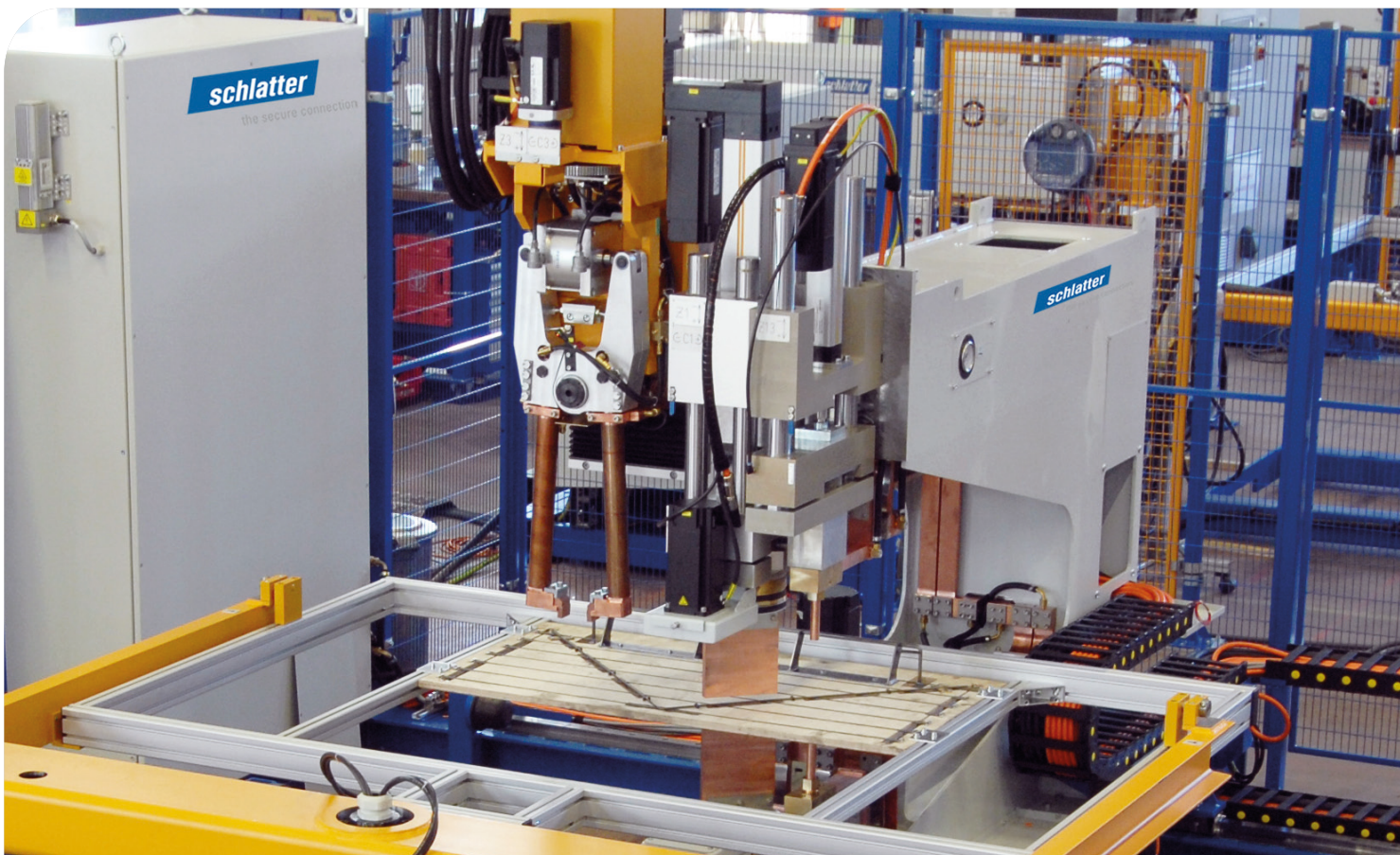


## System POSIWELD CNC Jig welding system for welding 2 or 3 dimensional wire products in a single operation

With the system POSIWELD, Schlatter offers a flexible CNC welding cell for the economical production of wire products in small to medium batch sizes. The rotating turntable design allows a single operator to load/unload the work holding fixture while the machine is operating.



## Easy programmable welding machine with teach-in function

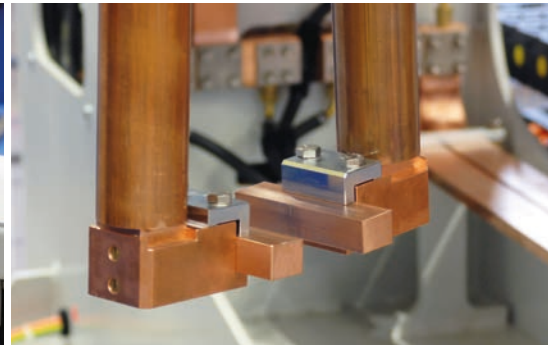
Thanks to the enormous flexibility and variability of this machine it can be used in all different kinds of welding applications. Products such as: Point of purchase displays, shopping cart components, 3 dimensional wire baskets and fan guards as well as all types of white goods applications.



Welding press



Rotational pole plates (C-axes)



Welding gun to weld 3 dimensional products

### Product features

- Fast changeover from one product to another
- Rotating turntable with workpiece fixture inclination device
- Max. welding power up to 20 kA with MF power source
- Hand held operator pendant for programming part in work cell (teach-in)
- Rotational pole plates (C-axes) for welding nonrectangular mesh geometries
- Upper and lower electrodes driven by servo motor allowing shorter weld/ cycle times
- PC touch screen control system for CNC axes control and SPS functions. Off line programming by means of a PC is possible

- Optional welding gun to weld 3 dimensional products
- Capable of welding a wide variety of materials: Bright basic wire, galvanized wire, stainless steel material as well as reinforcement wire

### Technical data

#### Standard working range:

- X-axis: 2000 mm or 78.7" lengths
- X-axis: 3000 mm or 118.1" (optional)
- Y-axis: 1200 mm or 47.2"
- Z-axis: 188 mm or 7.4"
- W-axis: 260 mm or 10.2"

#### Standard welding equipment:

#### Standard welding press

- Width: 94 mm or 3.7"
- Welding force: max. 5 kN
- Welding current: max. 20 kA

#### C-axis welding press

- Width: 198 mm or 7.8"
- Welding force: max. 10 kN
- Welding current: max. 20 kA
- Rotation angle: 0- 360 degrees

#### 3 dimensional welding gun

- Welding force: max. 4 kN
- Welding current: max. 12 kA
- Rotation angle: 0- 300 degrees

#### Power source

- MF technology 1000 Hz

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