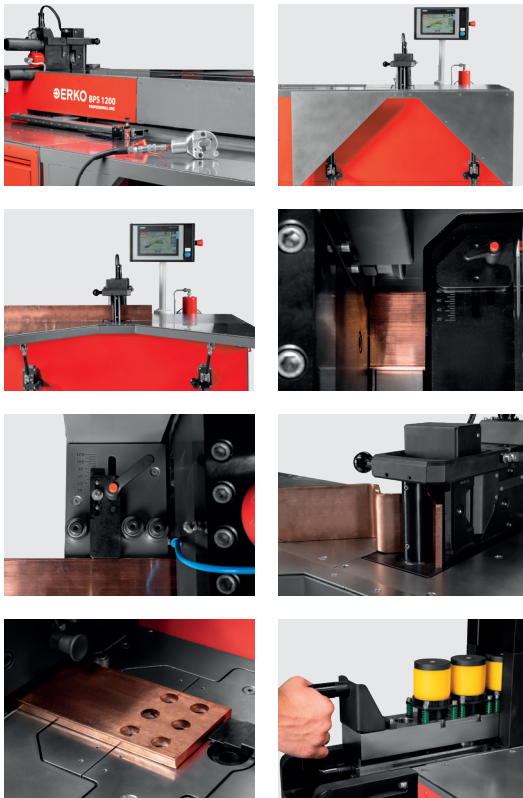
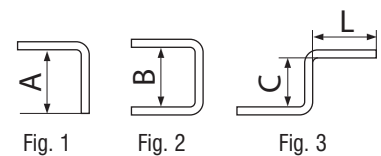


BPS 1200 busbar processing station



Increasing the speed of the busbar production process by up to 30% compared to the previous generation.



Punches for BPS 1200 busbar processing station



Station for precise cutting, bending, and punching of Al, Cu, and Al-Cu busbars

- busbar width 20 ÷ 125 mm
- busbar thickness 5 ÷ 12 mm
- bending angle (5-90°)

Distinctive features:

- Increasing the speed of the busbar production process by up to 30% compared to the previous generation.
- it works with innovative software for designing busbars
- possibility to use the innovative computational algorithm
- automatic positioning of the measuring ruler during punching, bending, and cutting operations (based on procedures or previously entered data)
- measuring ruler position accuracy 0.1mm for cutting and punching of processed busbars (up to 2 000 mm) and bending (up to 1 600 mm)
- possibility of bending in an „L” shape for busbars up to 10 mm thick at a distance of 40 mm from the edge (fig. 1)
- possibility of bending in a „C” shape for busbars up to 10 mm thick at a distance of 45 mm from the edge (fig. 2)
- possibility of bending in a „Z” shape for busbars up to 10 mm thick at a distance 40 mm from the edge and between the bends the bends (fig. 3)
- bending angle accuracy $\pm 0.2^\circ$ with adjustment for busbar elasticity
- guillotine can be hidden under the worktop surface
- automatic controlled press of the cut busbar
- minimum length of cut busbar: 30 mm
- burr-free and no surface deformation busbar cutting
- a movable cassette which allows installing of four punches and eliminates the need for retooling
- burr-free round and oval holes punching
- possibility of saving and recalling busbar processing procedures
- built-in reliable and efficient hydraulic drive
- additional connections for other tools offered by ERKO (hydraulic hose with a PM quick coupler)
- maintained mobility of the machine
- possibility of remote diagnostics

Total dimensions: (LxWxH) 3 800 mm x 2 000 mm x 1 700 mm
 Weight with standard equipment 650 kg; Working pressure: 630 bar
 Power supply: 3x400/230 V AC; Electric power: 2 kW