

SH900PLC busbar processing station



Station for Al and Cu busbars precise cutting, bending, hole punching, inserting nuts, offsetting:

- busbar width from 30 ÷ 125 mm
- busbar thickness 5 ÷ 12 mm
- bending angle range up to 90°

Special features:

- equipped with LED touch screen programmed in: Polish, Russian, English, German and Czech (other languages on request)
- equipped with electronic, programmable bending angle sensor (setting precision 0,5°)
- equipped with measuring rulers enabling precise positioning of 0,1mm
- precise height adjustment of hole punching head (0,2mm precision)
- burr-free round and oval holes punching
- burr-free busbars cutting
- built-in reliable hydraulic drive
- automatic identification of inserted dies
- bending angle correction complying busbar flexibility
- electronic length measurement of cut busbar (up to 6m)
- electronic length measurement of bent and punched busbar (up to 0,5 or 1,2m)
- busbar offsetting repeatability
- additional worktop
- tilt, rotatable touch screen
- equipped with control socket
- equipped with port for ERKO hydraulic heads (hydraulic hose with quick coupler PM 630 bar)
- standard set for inserting nuts include SH 407 insert and round hole punch SH 403 (need to be ordered separately), chart on page 79

Total dimensions: (LxWxH): 1400 x 930 x 1420 mm;

Weight incl. standard equipment: 355 kg; Pressure: 630 bar;

Power: 3 x 400V/230V; 1,4 kW or 1 x 230V



Holdfast for the busbars during cutting.



Hole punching SH 403, SH 404, SH 409.



Control key for cutting busbars.



Additional busbar bumper, providing performance of perpendicular cut.



Offsetting SH 406PLC.



7 inch, rotatable LED touch screen.

Equipment for SH 900PLC station

Equipment	Type	SH 900 PLC
Insert for precise bending (built-in encoder)	SH 801PLC-E	●
Busbar cutter	SH 405	●
Length sensor for cut busbar	SH 415PLC	●
Insert die for busbars offsetting	SH 406PLC	●
Additional worktop	SH 408PLC	●
Extended measurement of length L (range from 0 to 1020 mm)	SH 418PLC	●
Round hole punch (standard dimensions according to catalog)	SH 403	○
Oval hole punch (standard dimensions according to catalog)	SH 404	○
Rectangular hole punch (dimensions according to order: max diagonal 21 mm, side not shorter than 6,6 mm)	SH 409	○
Insert die for inserting nuts	SH 407	○
Additional busbar support	SH 408	○
Bending with correction (complying busbar flexibility) precision of bending ±0,5°		●
Measurement of height H, precision 0,2 mm		●
Measurement of length L, range 0-500 mm, precision 0,1 mm		●

● standard equipment ○ additional equipment on request