

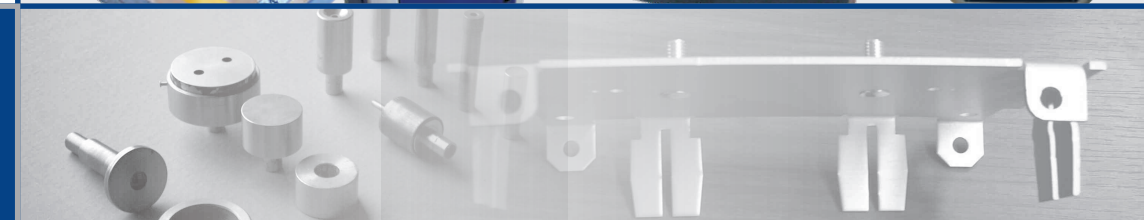
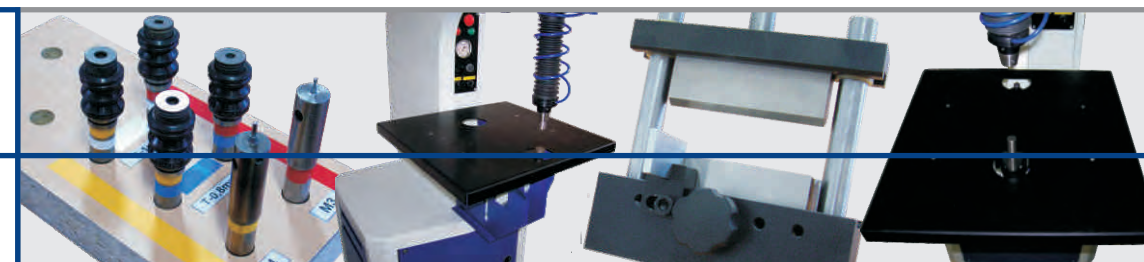


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**HYDRAULIC ASSEMBLY PRESS LSC 6010**

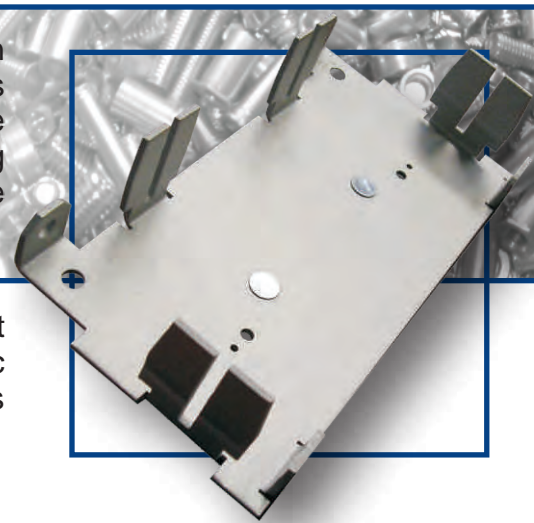




# Characteristics and technical description

The LSC 6010 hydraulic assembly press is designed for presswork in engineering or other industrial manufacturing plants where it serves for pressing nuts, screws and columns into thin metal sheets. The machine can be also used for embossing of various shapes, making necks, for simple bends and for joining of materials using the clinching/metaljoining method.

The press is controlled by a footswitch and its safety equipment operates on the basis of material conductivity in the metal/plastic mode. SV Metal also offers designs for special jigs and adjustments according to customer's needs.

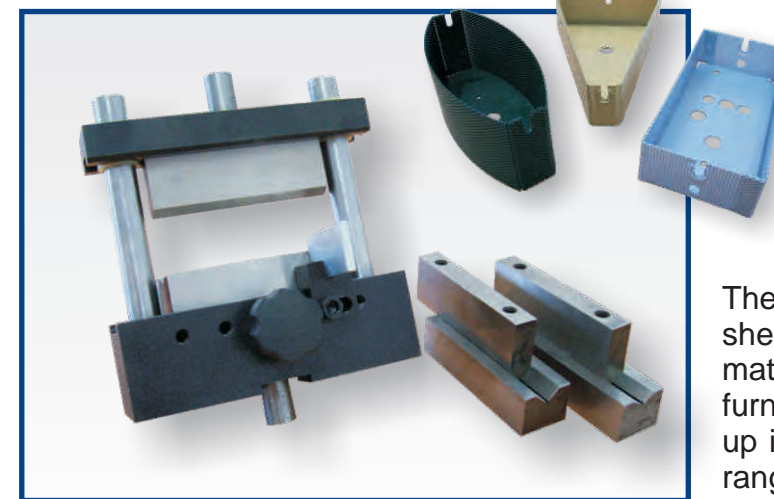
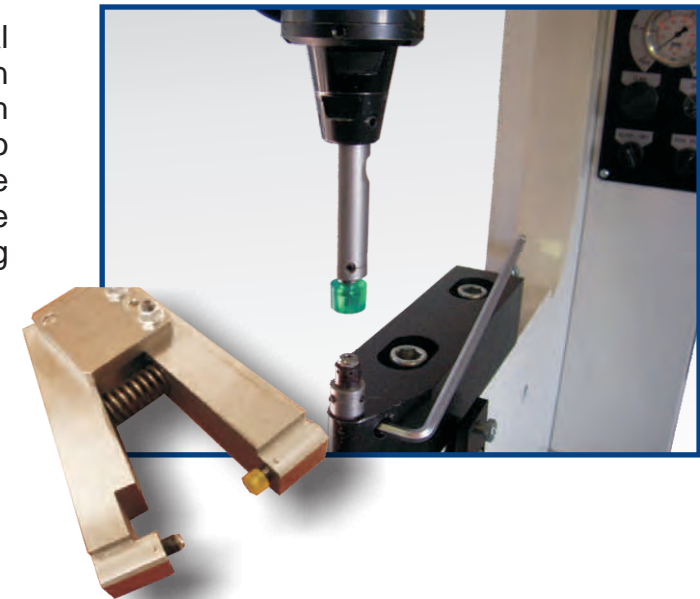


## Technical parameters :

Height	1950 mm	Outreach	420 mm
Width	725 mm	Working stroke	200 mm
Depth	1040 mm	Rated current 3/N/PE	AC 400/230V - 5-pin plug
Weight	350 kg	Output	1,500 W
Maximum press force	6 tons	Working cycle time	2.5 to 5.2 s (depending on stroke)

## Clinching/Metal-joining

This method substitutes classic spot welding of thin metal sheets thus avoiding generation of poisonous fumes when used for spot welding of galvanized sheet metals for which this method is used most often. By using a jig, it is also possible to make welding process in production more effective and to distribute capacities among more machines. In case of need, there is no problem with a jig adjustment as needed by production specification.



## Bending

The jig is intended for simple bending and folding of thin sheets with width of up to 80 mm made of all types of materials and with thickness of up to 2 to 3 mm. It is also furnished with a side- and end-stop that can be easily set up in accordance with production parameters within the range of 9-70 mm.



The machine main part is formed by a rigid "C" frame, on whose right side the control panel is situated. The machine foundation is made of a robust base stand in which the hydraulic unit and tool storage magazine is housed.

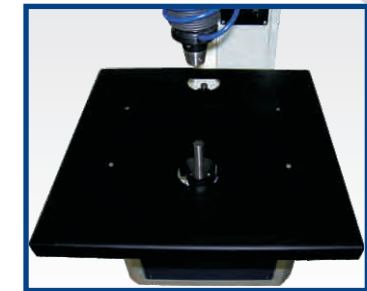
Thanks to the implemented electronically programmed computer-controlled unit, the machine performance can be controlled continuously.

## LSC 6010 Press excels in particular thanks to the following features:

- Precise adjustment of press force
- Automatic pressing cycle
- Combination of electronic and mechanical safety system
- Programmable computer control unit
- Press variability for other operations
- Easy machine control
- Low demands on maintenance and service
- Price/parameters/performance ratio

## Additional table

It can be used for positioning, as a storage area and for handling of larger or heavier workpieces. The table can be dismantled easily when other accessories are to be used.



## Necking

The necking tools can be used for enlarging the surface for self-drilling screws and for tapping threads into thin sheets with thickness from 0.5 to 2 mm.

