

10090EL - 10090ELV

Economic hydraulic punching machine 20 Ton

Light system of brackets regulation with X - Y axis

Technical Characteristics

Maximum depth	900 mm
Power	200 kN (20 Ton)
Oil capacity for a complete stroke	0,18 lt.
Max. round hole	Ø 170 mm
Max. square hole	138x138 mm
Working pressure	700 bar
Length	2100 mm
Width	2160 mm
Height with the base	1760 mm
Distance between punches	50 mm
Punch stroke	65 mm
X Axis stroke	1.000 mm
Y Axis stroke	900 mm
Approx. weight	1000 Kg

MAX. THICKNESS

Sheet steel	2,0 mm
Stainless steel	1,8 mm
Aluminium	5 mm
Plastic laminate	5 mm

The hydraulic punching machine 10090EL, is a high power machine with a simple system of brackets regulation for X and Y axis. It has the same characteristics and performance of the hydraulic punching machine 10090L. The axis run is for X axe 1000 mm and for Y axe 900 mm. These units are studied exclusively for making holes. They are fast and practical to use, thanks to a special system of guides of axis X and Y. This system avoids tracing and the panel board is held up by a mobile support and fixed on X-Y axis. The version **10090EL** has the laser pointing which indicates the center of the hole on the material to punch. The version **10090ELV** has the laser pointing and the visualizer.

Die holder flange system

BLOCKING LEVER FOR DIE HOLDER FLANGE



10090EL

The punching machines are supplied with the following items:

N. 1 punch holder (code 10101L) for round dies up to Ø mm 40,5 max.

N. 1 die holder flange (code 10191) for round dies up to Ø mm 40,5 max, for square dies up to Ø mm 26 max and rectangular dies or specials with max dimension within 37 mm. dia.

N. 2 series of extractors (code 10141 - 10142) for the extraction of punch from the steel.

N. 1 punch holder lock nut Ø 28 mm (cod. 10171).

N. 1 positioning valve (code 9162).

Laser pointing

All punching machines are supplied with **LASER POINTING** which **indicates ONLY the centre of the hole** to realize on the control board door. The diode is protected inside the stem, to avoid breaking.

Laser	diode type class 1
Power	1 mW
Supply	direct current, battery 4,5 V.

For the operator who uses the laser pointing, there are no protection supplied. Please don't watch the beam of light, which comes out from the diode.

Die holder flanges



10191

10192

10193

10194

10195