



DEEP DRAWING AND CALIBRATING PRESS

Automotive industry



ARCH PRESS | GUIDED RAM

Controlled by a Telemecanic PLC (TSX57 unity) and MAGELIS XBTG display (tactile screen), make easy and effective the use of this line.



This 1000 T arch press manufactures tubes using a multisteps tool.

A simple effect main cylinder provide the maximum force and 2 double effects cylinders allow the high speed movement of the ram. During the high speed movement, the main cylinder is connected to the oil tank by a filling-in valve set directly on its bottom.

4 horizontals double acting cylinders allow laterals movements into the tool necessary to the process.



Performances and capacities:

• Vertical ram:

- Force : 1000 Tons
- Daylight : 1150 mm
- Stroke : 450 mm
- Return/approach speed : 250 mm/s
- Working speed : variable from 60 to 100 mm/s
- Table and ram dimensions : 2200 x 2500 mm
- Power : 750 kW

• Horizontals duided rams:

2 cylinders force 25 T.

- Return/approach speed : 250 mm/s
- Working speed : 50 mm/s
- Stroke : 320 mm

2 cylinders force 50 T.

- Return/approach speed: 250 mm/s
- Working speed : 50 mm/s
- Stroke : 370 mm



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Design and manufacturing according to specifications