

Manual Portal Press



Profi Press Motorised Portal Presses can also be customised. Some common customisations are to have the working table milled to a lower working height, installation of hydraulic injectors in the lower table, and custom sizes and dimensions of the machine and working area.

The PPTL-300 300-ton hydraulic portal press from RHTC Profi Press is designed to straighten large, heavy structures and sheets of steel. The PPTL-300 has a movable frame and cylinder head, making all areas of the usable area of the table easily and quickly accessible. Precise movements of the bridge (Y-Axis) are ensured by motors connected to frequency inverters and driving a cogged belt. Movement of the cylinder head (X-Axis) is controlled by a motor.

The PPTL-300 has a piston stroke of 450 mm with an approach speed of 9.9 mm/s and working speed of 2 mm/s. After the pressing operation is complete the cylinder returns to its home position at a rate of 14.7 mm/s. The overall table size is 4000 x 2545 mm with a working height of 750 mm, and the distance between the uprights is 2560 mm. The distance from the cylinder head to the table is 700 mm. Overall travel distance (Y-Axis) front to back is 3000 mm and the cylinder head (X-Axis) travels a total distance of 2000 mm between the two primary uprights. This is a very heavy-duty machine weighing in at 13400 Kg.

PPTL-300

Technical Specifications

Pressure Force (kN)	2942
Motor	7.5
Working Speed (mm/sec)	2.0
Approach Speed (mm/sec)	9.9
Return Speed (mm/sec)	14.7
Maximum Pressure	320
Piston Stroke (mm)	450
Table Size (L x W) (mm)	4000 x 2545
Vertical Daylight	700
Working Height	750
Movable Cylinder	Yes
Total Height	3120
Total Length x Width (mm)	4280 x 3660
Weight	13400

The PPTL-300 is designed and manufactured by RHTC and is manufactured using the most recent and current CE regulations and directives and is delivered directly from the warehouse stock with a 1-year warranty and a CE Certificate.

Optional Accessories

- Custom Configuration
- Faster speeds (pump alteration)
- Hydraulic Ejector
- Punching tool set 6mm up to 100 mm
- Cooling system for hydraulics
- Mechanical regulation of the cylinder

