

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-220 220-ton hydraulic portal press from RHTC Profi Press is designed to straighten large, heavy structures and sheets of steel. The PPTL-220 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-220 has a piston stroke of 450 mm with an approach speed of 9 mm/s and working speed of 2.2 mm/s. After the pressing operation is complete the cylinder returns to its home position at a rate of 16.2 mm/s. The overall table size is 3500 x 2045 mm with a working height of 700 mm, and the distance between the uprights is 2060 mm. The distance from the cylinder head to the table is 700 mm. Overall travel distance (Y-Axis) front to back is 2500 mm and the cylinder head (X-Axis) travels a total distance of 1550 mm between the two primary uprights. This is a very heavy-duty machine weighing in at 9400 Kg.

PPTL-220

Technical Specifications

Pressure Force (kN)	1570
Motor	3.0
Working Speed (mm/sec)	2.40
Approach Speed (mm/sec)	7.48
Return Speed (mm/sec)	9.35
Maximum Pressure	255
Piston Stroke (mm)	400
Table Size (L x W) (mm)	1740 x 996
Vertical Daylight	700
Working Height	760
Manual Movable Cylinder	Yes
Total Height	2104
Total Length x Width (mm)	1740 x 1725
Weight	2185

The PPTL-220 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

