

## Four Column Press



The RHTC 300-ton Four Column Profi Press has four 150 mm chrome-plated columns ensuring that the top plate always remains parallel and comes with a 2-speed hydraulic unit that also implements an automatic high-speed disconnection. This 300 Ton Press can be operated in manual, semi-auto, and automatic modes and is controlled with a low-voltage foot pedal. A pressure switch and manometer that reads in tons are also standard with the machine. All RHTC Profi Presses operate at 320 bar or less guaranteeing a longer lasting and more durable press.

The machine has a useful table size of 1300 x 1100 mm and a distance between columns of 1300 x 570 mm. Both the top and bottom plate have industry-standard T-Grooves suitable for attaching die systems and various tools, dies, jigs, fixtures, and other production apparatus. The main piston has an adjustable stroke controlled with end-switches which extends to a maximum of 450 mm and starts its pressing process with a maximum approach speed of 13 mm/s slowing down into a working speed of 2.8 mm/s. Once the cycle is complete the cylinder returns to the home position at a rate of 18 mm/s.

The work opening has a vertical shut height of 800 mm, which is then complemented by a bottom working table height of 900 mm.

## PPMV-300

### Technical Specifications

|                          |            |
|--------------------------|------------|
| Force (Tons)             | 300        |
| Motor (kw)               | 11         |
| Working Speed (mm/sec)   | 2.8        |
| Approach Speed (mm/sec)  | 13         |
| Return Speed (mm/sec)    | 18         |
| Piston Stroke (mm)       | 450        |
| Guides Diameter (mm)     | 150        |
| Useful Table Size (mm)   | 1300x 1000 |
| Between Columns (mm)     | 1300 x 570 |
| Vertical Daylight (mm)   | 800        |
| Working Height (mm)      | 900        |
| Total Length (mm)        | 1500       |
| Total Frontal Width (mm) | 2650       |
| Total Height (mm)        | 3250       |
| Weight (kg)              | 10800      |

### Features

- Right and robust frame
- Upper and lower table
- T-grooves
- Four chrome cylinder columns
- Piston stroke easy adjustment
- Manual/Semi-auto/Auto modes
- Two cylinder speeds
- Pressure switch and manometer
- Foot pedal control
- Built in Europe
- CE Certified



### Optional Accessories

- Proportional flow valve
- Siemens PLC SIMATIC S7
- Front table for lowering
- Robotics adaption
- Hydraulic accesories adapater
- High speed approach
- Hydraulic cushion
- Hydraulic ejector
- Hydraulic cooling system
- Added safety features