

C-Frame Press



The PPCF-150 designed by RHTC Profi Press is an 150-ton high-speed C-frame press which can carry out pressing processes such as deep-drawing, stamping and forming and is designed to produce medium and high volumes. The PPCF-80 is suitably designed to allow for it to be incorporated in production systems and automated production lines. It has a throat depth of 400 mm and a working speed of 5.1 mm/s which is precluded by and a maximum approach speed of 69 mm/s. After the cycle is completed the top plate returns at a maximum rate of 101 mm/s. Maximum stroke of the top plate is 450 mm with the press having an overall shut height of 650 mm.

The PPCM C-Frame presses are designed with both an upper (900 x 650 mm) and lower table (750 x 500 mm) incorporating DIN-650 T-grooves which is useful for attaching dies, jigs, fixtures, and tools. Perfect alignment of the upper plate is maintained and ensured by the use of two 50 mm diameter cylindrical guides. The bottom table has a working height of 950 mm.

The machine comes standard fitted with side guards which have Level IV light curtains installed. The whole press system is controlled with a Siemens PLC touchscreen that allows for controlling such items as system power, the cylinder stroke, cylinder speed, and pressure-time and the controller can store up to 300 different working cycles.

PPCF-150

Technical Specifications

Force (Tons)	150
Motor (kw)	7.5
Throat Depth (mm)	400
Working Speed (mm/sec)	5.1
Approach Speed (mm/sec)	69
Return Speed (mm/sec)	101
Maximum Pressure (bar)	290
Piston Stroke (mm)	450
Guides Diameter	50
Lower Table Size (mm)	900 x 650
Upper Table Size (mm)	750 x 500
Max. Vertical Daylight (mm)	650
Working Height (mm)	950
Total Length (mm)	2135
Total Frontal Width (mm)	1360
Total Height (mm)	2910
Weight (kg)	4100

Features

- T-Grooves upper/lower DIN650
- Lateral guides on upper table
- Siemens PLC
- Level IV light curtains
- Cylinder stroke easy adjustment
- Manual/Semi-auto modes
- Two cylinder speeds
- Pressure switch and manometer
- Foot pedal control
- Built in Europe
- CE Certified

Optional Accessories

- Custom configuration
- Quicker speeds
- Hydraulic ejectors
- Hydraulic cushion
- Hydraulic cooling system

