

## C-Frame Press



The PPCF-100 designed by RHTC Profi Press is an 100-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 375 mm and a working speed of 8 mm/s which is precluded by and a maximum approach speed of 108 mm/s. After the cycle is completed the top plate returns at a maximum rate of 155 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 (700 x 450 mm) and lower table (850 x 600 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 900 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 touch-screen 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-100

### Technical Specifications

Force (Tons)	100
Motor (kw)	7.5
Throat Depth (mm)	375
Working Speed (mm/sec)	8
Approach Speed (mm/sec)	108
Return Speed (mm/sec)	155
Maximum Pressure (bar)	290
Piston Stroke (mm)	450
Guides Diameter	50
Lower Table Size (mm)	850 x 600
Upper Table Size (mm)	700 x 450
Max. Vertical Daylight (mm)	650
Working Height (mm)	900
Total Length (mm)	2340
Total Frontal Width (mm)	1240
Total Height (mm)	2630
Weight (kg)	3900

### 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

