

Double Column Mechanical Press



The PPMFS-2-500 500 Ton Mechanical Double Column Eccentric press is designed for deep-drawing, blanking, forming, shearing, cutting, punching and stamping. Mechanical Eccentric Presses are used in many different industries: the automotive, railway and aerospace industries to name a few.

The structural framework of the Double Column Press is made of S355JR steel and has two connecting rods along with 6 guided rams. The main connecting rod is made out of high-tensile strength steel forged for durability and is supported by industrial alloy bushings. The Double Column Series Mechanical Profi Press has an integrated and centralized motorized lubrication system, with overload protection and an electro-pneumatic clutch brake.

The displayed presses are our standard offering, but any press can be modified to suit the customer's requirements, so please enquire.

The PPMFS-2-500 by RHTC Profi Press is manufactured in EU according to CE directives and delivered directly from our warehouse with CE Certification.

PPMFS-2-500

Technical Specifications

Pressure Force [tons]	500
Motor [kw]	45
Strokes Per Minute [spm]	20-30
Cylinder Stroke [mm]	250
Shut Height [mm]	600
Table to Ram [mm]	850
Ram Adjustment [mm]	0-140
Table Size [mm]	1300 x 2500
Ram Size [mm]	1300 x 2500
Table Height [mm]	1100
Total Length [mm]	2600
Total Width - Frontal [mm]	3500
Overall Height [mm]	5350

Optional Accessories are available such as an Inverter speed variation control, Die Ejector or Cushion, Lower Auxiliary Table, Stress gauge, or NC digital display. All features are customisable.

Features

- Prismatic & Sliding Guides
- Central Motorized Lubrication System
- Hydraulic Overload Protection
- Slide and Die Balancing: 2 Pneumatic Cylinders
- Electro-pneumatic Clutch/Brake: Dual Solenoid Valve
- Electro-pneumatic Clutch/Brake: Compensation Tank
- Electro-pneumatic Clutch/Brake: Regulator
- Lubrication
- Electro-pneumatic Clutch/Brake: Pressure Control Switch
- Eccentric Gearing: Double Speed Reduction
- Eccentric Gearing: Long Strokes
- Level IV safety light guards
- Programmable control system (PLC)
- Automatic ram adjustment
- Shut Height Indicator
- Mechanical Rotary Cam Limit Switch
- Magnetic Cam Limit Switch
- Inverter
- Anti-vibration Pads
- Palm Button/Foot Pedal Control

Manufactured in the EU and CE Certified