

260-Ton High-Speed Precision Punching Press

This 260-ton high-speed precision punching press is designed for efficient metal forming. It features a steel-welded frame, pneumatic clutch-brake, and hydraulic overload protection.



ADDITIONAL IMAGES



Overview



High-Precision 260-Ton Power Press

This 260-ton single crank high-speed precision punching press is engineered for demanding metal forming operations in industries such as automotive, electronics, and appliances. Featuring a robust steel-welded closed-type frame and six-side long rectangle guides, it ensures exceptional moving precision and extended die durability. The machine integrates advanced PLC touch screen controls and a pneumatic friction clutch-brake system to deliver high-speed performance with minimal noise and maximum operator safety.

Technical Performance

Pressing Capacity

260 ton

Nominal Force

250 mm

Stroke Length (V)

150 mm

Stroke Length (H)

Operational Speeds

Mode	Variable Speed (s.p.m)	Stable Speed (s.p.m)
Vertical (V)	20-40	20
Horizontal (H)	40-50	20

Power & Air Requirements

- Main Motor: 22x4 kW x p
- Slide Adjusting Motor: 1.5x4 kW x p
- Required Air Pressure: 6 kg/cm²
- Precision Standard: GB/T23280-2009 [JIS 1\$]

Construction & Materials

Component Specifications

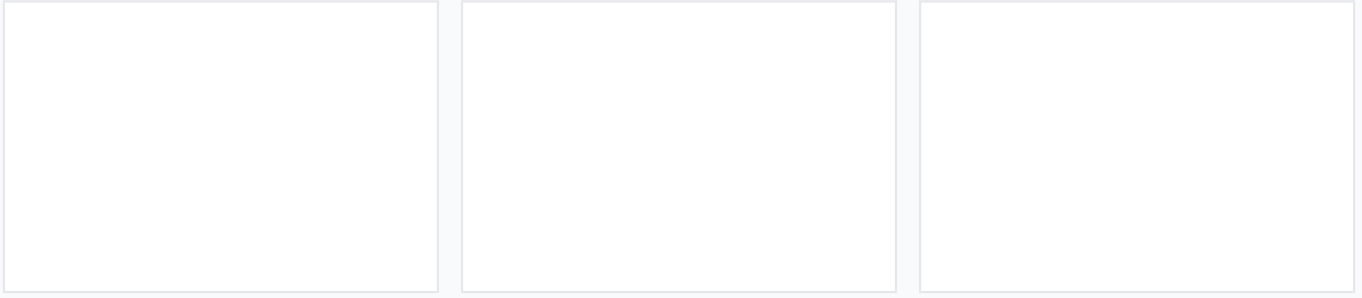
Component	Material / Treatment
Machine Body	Steel plate welded, double aging treatment (vibration & heat annealing)
Bolster	Casting HT200, annealing treatment
Crank	Forging, flaw detection, surface quenching, nitriding processing
Fly Wheel	Casting HT200, annealing treatment
Worm Gear	45# Steel
Worm	Zinc-based alloys
Connecting Rod	Ductile iron / cast iron, normalizing treatment

Work Area & Dimensions

Die & Table Specifications

- Max Die Height (V): 500 mm
- Max Die Height (H): 550 mm
- Slide Adjustment: 120 mm
- Slide Area: 1200 x 700 x 100 mm
- Bolster Area: 1400 x 840 x 180 mm
- Side Opening: 900 x 600 mm

Control & Safety



Safety & Control Systems

PLC Control, Touch Screen Interface, Pneumatic Friction Clutch-Brake, Hydraulic Overload Protection, Emergency Stop, Light Curtains, Encoder Control

Lubrication System



Automatic Lubrication Unit

- Power Supply: 220V AC
- Discharge Rate: 10ml/min
- Max Pressure: 1.5 MPa
- Motor Power: 14W
- Compatible Oil: 32# - 68# lubricants
- Features: Digital timer, transparent reservoir, dual grease reservoirs

Applications

Suitable Applications

Punching • Blanking • Piercing • Bending • Forming • Metal Cutting