

Machine specifications

AUTO PRESS

Hydraulic Auto Coining Embossing Power Press Machine - 100Tons

Model No. HEPA 100, Tons 100
Touch Screen Display Control Panel,
PLC Operating Control Electric Penal,
with Auto Ejecting System,
Working Speed 9 to 10 Per minute,
Useful Stroke: 80mm
Height Table 125mm,
Bolster BL: 360X345
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Electric Motor 3HP,
Oil Tank Capacity 60 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 1110Kgs (First in India)

Hydraulic Auto Coining Embossing Power Press Machine - 150Tons

Model No. HEPA 150, Tons 150
Touch Screen Display Control Panel,
PLC Operating Control Electric Penal,
with Auto Ejecting System,
Working Speed 9 to 10 Per minute,
Useful Stroke: 80mm
Height Table 125mm,
Bolster BL: 440X410
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Electric Motor 5HP,
Oil Tank Capacity 80 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 1720Kgs (First in India)

Hydraulic Auto Coining Embossing Power Press Machine - 200Tons

Model No. HEPA 200, Tons 200
Touch Screen Display Control Panel,
PLC Operating Control Electric Penal,
with Auto Ejecting System,
Working Speed 8 to 9 Per minute,
Useful Stroke: 80mm
Height Table 140mm,
Bolster BL: 468X458
Hard Base Plate,
Heavy Duty Piston Cylinder,

Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 7HP,
Oil Tank Capacity 100 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 1900Kgs (First in India)

Hydraulic Auto Coining Embossing Power Press Machine - 250Tons

Model No. HEPA 250, Tons 250
Touch Screen Display Control Panel,
PLC Operating Control Electric Penal,
with Auto Ejecting System,
Working Speed 8 to 9 Per minute,
Useful Stroke: 80mm
Height Table 150mm,
Bolster BL: 540X518
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 7HP,
Oil Tank Capacity 150 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 2510Kgs (First in India)

Hydraulic Auto Coining Embossing Power Press Machine - 300Tons

Model No. HEPA 300, Tons 300
Touch Screen Display Control Panel,
PLC Operating Control Electric Penal,
with Auto Ejecting System,
Working Speed 7 to 8 Per minute,
Useful Stroke: 80mm
Height Table 150mm,
Bolster BL: 630X558
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 10HP,
Oil Tank Capacity 200 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 3200Kgs (First in India)

Hydraulic Auto Coining Embossing Power Press Machine - 350Tons

Model No. HEPA 350, Tons 350
Touch Screen Display Control Panel,
PLC Operating Control Electric Penal,
with Auto Ejecting System,
Working Speed 7 to 8 Per minute,
Useful Stroke: 100mm
Height Table 150mm,

Bolster BL: 700X600
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 10HP,
Oil Tank Capacity 200 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 4350Kgs (First in India)

Hydraulic Auto Coining Embossing Power Press Machine - 450Tons

Model No. HEPA 450, Tons 450
Touch Screen Display Control Panel,
PLC Operating Control Electric Penal,
with Auto Ejecting System,
Working Speed 5 to 6 Per minute,
Useful Stroke: 100mm
Height Table 160mm,
Bolster BL: 750X655
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 15HP,
Oil Tank Capacity 250 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 4600Kgs (First in India)

MANUAL PRESS

Hydraulic Manual Coining Embossing Power Press Machine - 100Tons
Model No. HEP 100, Tons 100
PLC Operating Control Electric Penal,
Working Speed 9 to 10 Per minute,
Useful Stroke: 50mm
Height Table 125mm,
Bolster BL: 360X345
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Electric Motor 3HP,
Oil Tank Capacity 60 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 915Kgs (First in India)

Hydraulic Manual Coining Embossing Power Press Machine - 150Tons

Model No. HEP 150, Tons 150
PLC Operating Control Electric Penal,
Working Speed 9 to 10 Per minute,
Useful Stroke: 50mm
Height Table 125mm,

Bolster BL: 440X410
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Electric Motor 5HP,
Oil Tank Capacity 80 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 1425Kgs (First in India)

Hydraulic Manual Coining Embossing Power Press Machine - 200Tons

Model No. HEP 200, Tons 200
PLC Operating Control Electric Penal,
Working Speed 8 to 9 Per minute,
Useful Stroke: 80mm
Height Table 140mm,
Bolster BL: 468X458
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 7HP,
Oil Tank Capacity 100 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 1630Kgs (First in India)

Hydraulic Manual Coining Embossing Power Press Machine - 250Tons

Model No. HEP 250, Tons 250
PLC Operating Control Electric Penal,
Working Speed 8 to 9 Per minute,
Useful Stroke: 80mm
Height Table 150mm,
Bolster BL: 540X518
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 7HP,
Oil Tank Capacity 150 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 2250Kgs (First in India)

Hydraulic Manual Coining Embossing Power Press Machine - 300Tons

Model No. HEP 300, Tons 300
PLC Operating Control Electric Penal,
Working Speed 7 to 8 Per minute,
Useful Stroke: 80mm
Height Table 150mm,
Bolster BL: 630X558
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.

Accessories Electric Motor 10HP,
Oil Tank Capacity 200 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 2950Kgs (First in India)

Hydraulic Manual Coining Embossing Power Press Machine - 350Tons

Model No. HEP 350, Tons 350
PLC Operating Control Electric Penal,
Working Speed 7 to 8 Per minute,
Useful Stroke: 100mm
Height Table 150mm,
Bolster BL: 700X600
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 10HP,
Oil Tank Capacity 200 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 4200Kgs (First in India)

Hydraulic Manual Coining Embossing Power Press Machine - 450Tons

Model No. HEP 450, Tons 450
PLC Operating Control Electric Penal,
Working Speed 5 to 6 Per minute,
Useful Stroke: 100mm
Height Table 160mm,
Bolster BL: 750X655
Hard Base Plate,
Heavy Duty Piston Cylinder,
Easy One Rotation Die Fixing Clamping and Removing.
Accessories Electric Motor 15HP,
Oil Tank Capacity 250 Liters,
Max. Working Pressure 315 Bar.
Approx. Machine Weight 4400Kgs (First in India)

Hydraulic Coin Blanking Press

Hydraulic Blanking Cutting Power Press Machine- 12Tons

Model No. HCP 12, Tons 12
Faster Blanking Bar & Coin Cutting with Deposit System,
Max. Working Thrust: 12 Tons
Max. Working Pressure: 200 Bars
Useful Stroke: 75mm,
Working Speed Stroke: 12-14 min
Oil Tank Capacity: 35Ltrs,
Safety Sensor System,
Foot & Inching Operating System
Electric Motor: 3 HP (440/V)
Working Speed Per Hours Cutting Pieces 950 to 1000.

Approx Machine Weight 475 Kgs.

Model No. HCP 70, Tons 70
Faster Blanking Bar & Coin Cutting with Deposit System,
Max. Working Thrust: 70 Tons
Max. Working Pressure: 315 Bars
Useful Stroke: 125mm,
Working Speed Stroke: 15-16 min
Oil Tank Capacity: 50Ltrs,
Safety Sensor System,
Electric Motor: 5 HP
Foot & Inching Operating System
Approx Machine Weight 780 Kgs.

STAMPING PRESS

Hydraulic Stamping Press – 15Tons

Model No. HSP 15, Tons 15
Max. Working Thrust 15 Tons
Max. Working Pressure 200 Bars,
Electric Main Motor 1.5 HP,
Bolster PL: 350X155
Useful Stroke 50mm,
Working Speed Stroke 6 - 8 Min,
Oil Tank Capacity 7 Liter,
Weight Approx. 182Kg.

Hydraulic Stamping Press Multipurpose – 25Tons

Model No. HSP 25, Tons 25
Max. Working Thrust 25 Tons
Max. Working Pressure 200 Bars,
Electric Main Motor 2 HP,
Bolster PL: 215X130
Useful Stroke 75mm,
Working Speed Stroke 5 - 7 Min,
Oil Tank Capacity 20 Liter,
Weight Approx. 320Kg.

Hydraulic Stamping Press Multipurpose – 40Tons

Model No. HSP 40, Tons 40
Max. Working Thrust 40Tons
Max. Working Pressure 315 Bars,
Electric Main Motor 3 HP,
Bolster PL: 260X160
Useful Stroke 75mm,
Working Speed Stroke 5 - 7 Min,
Oil Tank Capacity 45 Liter,
Weight Approx. 415Kg.

Hydraulic Stamping Press Multipurpose – 70Tons

Model No. HSP 70, Tons 70
Max. Working Thrust 70Tons
Max. Working Pressure 315 Bars,
Electric Main Motor 5 HP,
Bolster PL: 320X200
Useful Stroke 150mm,
Working Speed Stroke 4 - 6 Min,
Oil Tank Capacity 50 Liter,
Weight Approx. 720Kg.

HIGH SPEED DIE CUTTING MACHINE

High Speed Die Cutting Press – 3Tons

Model No. HSCP 3, Tons 3
Max. Working Thrust 3Tons
Max. Working Pressure 150 Bars,
Electric Main Motor 2 HP,
Bolster PL: 255X350
Useful Stroke 80mm,
Working Speed Stroke 25 - 30 Min,
Oil Tank Capacity 20 Liter,
Weight Approx. 215Kg.

High Speed Die Cutting Press – 5Tons

Model No. HSCP 5, Tons 5
Max. Working Thrust 5Tons
Max. Working Pressure 150 Bars,
Electric Main Motor 3 HP,
Bolster PL: 400X300
Useful Stroke 80mm,
Working Speed Stroke 20 - 25 Min,
Oil Tank Capacity 20 Liter,
Weight Approx. 260Kg.

High Speed Die Cutting Press – 10Tons

Model No. HSCP 10, Ton 10
Max. Working Thrust 10 Tons
Max. Working Pressure 200 Bars,
Electric Main Motor 2 HP,
Bolster PL: 350X250
Useful Stroke 80mm,
Working Speed Stroke 30 - 40 Min,
Oil Tank Capacity 20 Liter,
Weight Approx. 280Kg.

High Speed Die Cutting Press – 20Tons

Model No. HSCP 20, Tons 20
Max. Working Thrust 20Tons
Max. Working Pressure 200 Bars,
Electric Main Motor 3 HP,
Bolster PL: 420X370
Useful Stroke 80mm,
Working Speed Stroke 20 - 33 Min,
Oil Tank Capacity 30 Liter,
Weight Approx. 325Kg.

High Speed Die Cutting Press – 40Tons

Model No. HSCP 40, Tons 40

Max. Working Thrust 40Tons

Max. Working Pressure 200 Bars,

Electric Main Motor 5 HP,

Bolster PL: 510X450

Useful Stroke 100mm,

Working Speed Stroke 16 - 26 Min,

Oil Tank Capacity 60 Liter,

Weight Approx. 375Kg.

Wire Drawing Machine

6Pass – Wire Drawing Machine

Main Motor: 2HP

Cooling Motor: 0.25HP

Max. Wire Diameter (Gauge/mm): 18/1.22

Min. Wire Diameter (Gauge/mm): 36/0.91

Weight: 330Kg

12Pass – Wire Drawing Machine

Main Motor: 3HP

Cooling Motor: 0.25HP

Max. Wire Diameter (Gauge/mm): 10/1.29

Min. Wire Diameter (Gauge/mm): 36/0.91

Weight: 370Kg

Coin Rimming Machine

Wheel Diameter: 300mm

Coin Diameter Max: 60mm

Coin Diameter Min: 15mm

Revolution: 50 Rpm
Up-down Adjustment Feeder Ramp for Coin Inward and Outward
Coin Collecting Box
Reverse Forward Switch
Die Tilting Settings with Screw
Different Size Grooves According to Coin Thickness.
Machine Weight: 160kg
Machine Size: 500mm X 400mm
Electric Motor: 1HP
Motor Power: 440V, 3 Phase

CNC MACHINE

JEWEL CNC

Working Area - 280 X 240 X 100mm.
Spindle Motor - 0.8 kW (Air cooled).
Motor - Micro Step Drive Motor
Motor Capacity - 4.5nm Holding Torque.
Drive System - Ball Screw.
Guide Motion - Linear Motion Rod.
Max Tool Size - 6mm.
Working Light - Yes.
Spindle Speed - 0 to 24000 RPM.
Machine Accuracy - 0.02mm.
Repeatability - 0.01 mm.
Controller - Standalone Controller.
Power - 220V Single Phase 50/60Hz.
Machine Weight - 95 KG Approx.
Machine Dimensions - W - 750, L - 550, H - 600mm.
Closed Body for Precious Metals Recovery.
High Speed Machining.
Software & File Support - Artcam, G-code, Tap etc.
Rotary Axis (Optional) - For Bangles and Rings.

EMBOSS CNC

Working Area: 250X250X150mm,
T-slotted Bed Size: 350X350mm,
Spindle Power: 2.2kW (Air Cooled),
Spindle RPM: 24000,
Tool Collet: ER20,
Max Tool Size: 8mm,
Motor/Drive: AC Servo Motor System
Drive System: Ball Screw
Guide Motion: Linear Motion Guide and Rail.
Control: DDCS, MASSO & DELTA (Optional)
Machine Dimension: 750X960X1850mm,

Machine Weight: 600Kgs

Software & File Support: ArtCAM, Gcode, Tap Etc.

Model Flatcam-IRIS Series 7Axis CNC – (RAINBOW)

Technical Details:

Model Name - Flatcam-**IRIS** series

Special Feature - Add rainbow effect on gold/silver sheets.

Maximum recovery rate.

Number of Axis - 7axis (X, Y, Z, R, R, J, H) 1 2

Design Software - Corel draw. Artcam, Autocad.

Working Area - 100mmx320mm

Sheet thickness - 0.25mm to 2mm

Sheet clamping - Vacuum fixture.

Spindle motors - Vertical: 3.7kw 40000rpm output max.

Horizontal: 400w 6000rpm output max.

Dimension of - L980mm x W980mm x H1600mm (PC cabinet not mentioned)

Machine weight - 650kg. approx.

Power Supply - 3phase/1phase (optional)

Applications:

3D pendants, Sheet decoration, Interlock pendants.

Flat rings concept designs & Jewelery components.

Bracelets, Interlock earrings.

Rolling Machines

6X4 Inch Sheet Rolling Machine

Model No.: S/1/150

Wheel Drive System,

Roller Width: 150mm,

Roller Diameter: 100mm,

Wire Grooves Sizes: 12-0.8mm,

Roller Speed: 35RPM,

Max. Thickness: 15mm,

Electric Motor: 3.0HP (kW),

Weight: 290 Kg.

3X2 Inch Touch Rolling Machine

Model No.: T/1/75

Gear Box Operated,

Roller Width: 75mm

Roller Diameter: 52mm,

Roller Speed: 30RPM,

Gap Between Rollers: 8mm,

Motor Power: 1HP,

Machine Approx. Weight: 120Kg.

Dot Pin Marking Machine

Marking Area - 6"X4" Inch (150x100mm),

Pin Material - Carbide,

Air Pressure 5 to 6 Bar,

Display - 7" Touch Screen Controller,

with compressor Inbuilt Power Supply - 240V,

Marking depth: up to 0.6 mm.

Marking on materials from soft plastics to hard metals up to 60 HRC.

Marking Texts Data, Geometrical Shapes like Square, Circle, Oval, Rectangle, Capable of Marking

Customized logos & Vector Images, all system fonts are supported with special logo fonts.

Maximum pin stroke: Up to 10 mm.

Machine weight approx. 125 Kgs.