

**Minster E2H-250-120 “Hevi-Stamper”**

New 2012

Nidec Press & Automation Stock #300045P



Photo of similar machine

**Press Specifications:**

Force x Distance off Bottom: .....250 ton x 0.236 in w/ ASM  
Crankshaft Extension Location: .....None  
Drive Arrangement: .....Single-Gear Twin-End  
Drive Location: .....Twin Drive  
Lube Unit Location: .....Rear Leg  
Approximate Press Weight: .....161,000 lb  
Scale and Display Units: .....Inch  
Shop Air Pressure, Minimum: .....85 psi

**Press Slide Specifications:**

Stroke Length: .....2.95 in  
Speed Range: .....65 - 225 stroke/min  
Quick Access Slide Range: .....2.95 in  
Area of Slide, R-L x F-B: .....120 x 47.5 in  
Recommended Max Upper Die Weight: .....2600 lb

**Press Bolster Specifications:**

Bolster Plate Material: .....HR 1020 Steel  
Bolster Plate Thickness: .....7.48 in  
Area of Bolster, R-L x F-B: .....120 x 39.4 in

**Press Frame Specifications:**

Upright Passline Opening, F-B: .....33.5 in  
Area of Bed, R-L x F-B: .....120 x 47.4 in  
Opening in Bed, R-L x F-B: .....110 x 7.3 in  
Bed Deflection at 50% of Die Area: .....0.0012 in/ft  
SH, Max (SDAU): .....16.65 in on Bolster with 5.0 in Thick Slide Sub-Plate  
Shutheight Adjustment: .....6.89 in  
Clearance, Mount to Bottom of Bed: .....12.0 in  
Approx. Distance Mount to Top of Bed: .....50.6 in  
Approx. Floor Area, R-L x F-B: .....167 x 91.3 in

**Press Control Specifications:**

Drive Motor Power, Speed: 100 hp, 1500 - 1800 rpm  
Incoming Power Drop: High Voltage Control Enclosure  
Control Pedestal Location: Left Hand Front  
Control Station Location: Pedestal Mounted  
Run Station Location ..... Pedestal Mounted  
Set-up Station Location: .....Sliding Track on Front – LH Park Position  
Limit Switch Type: .....Programmable  
Control Operation Mode: .....Inch-Setup-Continuous  
PMC Control Language: .....English/German  
Press Mounted Stop Control PB: .....(2) Front and (2) Rear  
Press Mounted Top Stop PB: .....(1) Front and (1) Rear

**Features:**

- Four Piece High Tensile Massive Cast Iron Frame
- Die Lubricant Troughs cast integral with bed
- Two Point Full Eccentric Crankshaft
- Combination Hydraulic Flex Disc Clutch and Brake
- Dual Air Operated Flywheel Brakes
- Pressurized Monitored Lubrication
- Hydrostatic Gibs
- Four (4) Cylinder Counterbalance System in Crown
- Hydraulic Motorized Shutheight Adjustment with Electronic Digital Readout
- Hydraulic Slide Adjustment Lockup
- Quick Lift Slide
- Press Shock Mounts
- Link Black Max Die Space Safeguarding
- Hydraulic Overload Protection System
- Thermal Control
- Variable Frequency Press Drive System

**Price, FCA Minster, OH: ..... On Request**

**Contact:**

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**Corporate Office**

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## Minster E2H-250-120 "Hevi-Stamper"

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### Minster Production Management Press Control

High Resolution Industrial Flat Panel Touchscreen Display with "Blind Node" PC  
Allen Bradley PLC Processor  
16-Pole Programmable Limit Switch  
Brake Monitor / Press Stopping Time Readout  
200 Tool Storage Capacity with 24-Digit Alpha Numeric I.D. Codes  
System Prompts and Diagnostic Messages  
Motor Start/Stop/Speed/Load Control  
Slide Adjust Function Indicators  
Dual Clutch Valve Monitor  
Stock Lubricator Interface Output  
Auxiliary output interface for secondary control elements (2nd blowoff, lubricator, divertor tables, etc.)  
Blowoff Valve Interface Output  
Production Counters - Totalizers/Preset/Batch  
•Maintenance Reminders - Activated by Predetermined Hours or Clutch Engagements, or Number of Parts Made.  
Press Lifetime Production Record - Hours/Cycles/Clutch Engagements  
Minster PMConnect Production Monitoring System Interface capability  
Relay Based Primary Machine Control  
Servo Feed Interface for Minster Feed

### Control Station Includes:

Clutch Selector Switch to select Control Operator Mode  
Power Off-On Locking Selector Switch  
Supervisory Control Lock Selector Switch (PMC only)  
Function Enable Illuminated Pushbutton (PMC only)  
Die Area Lights Off-On Selector Switch  
Total Enclosure Lights Off-On Selector Switch

Note: All specifications contained herein are as the machine was originally manufactured and are subject to change at time of inspection.

Set-Up Station facilitates material threading and die set-up and includes:

Slide Adjustment Control Buttons  
Two-Hand Inching Arrangement  
Stop Button  
Hydraulic Clamping and Die Lift Rail Functions  
Quick-Lift Lower-Rest-Raise, Illuminated Selector Switch  
Manual Stock Lube Pushbutton  
Segregator Auto-Manual Locking Selector Switch  
(delete - Front Die Door Open-Close Selector Switch)

### Run Station Includes:

Two Guarded Run/Setup Cycle Buttons to operate press  
Arm Illuminated Pushbutton(s)  
Top Stop Button  
Stop Button  
Master Stop Button

### PMC Features:

Minster PMC (4) Channel Load Monitor  
Special Production Management 16-Point Die Protection Module – Arranged for PNP Sensors  
Minster PMcT Automatic Counterbalance Adjustment  
Minster PMC Automatic Shuheight Adjustment  
Minster VIBCOACH® - Production Vibration Severity Monitoring System

### Miscellaneous:

Pax Model 5-6 Pre-Pressurized Stock Lubrication System  
Pax Model 14-4A Spray Chamber with High Pressure Piston Nozzles & Special Stock Guid

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