



Used Minster E2-400-120 Straight Side Press

New 1998

NPA Stock #E2-029616P



Photo of actual machine

Press Specifications:

- 400 U.S. Tons Capacity (3559 kN)
- 10.00 in. Stroke (254 mm)
- 6.00 in. Slide Adjustment (152 mm)
- 24.00 in. Shutheight, SDAU, on Bed (610 mm)
- 30.00 in. Shutheight, SDAU, on Bed (762 mm)
- 6.00 in. thick Bolster Plate (152 mm)
- 120.00 x 54.00 in. Slide Area (3048 mm x 1372 mm)
- 120.00 x 54.00 in. Bed Area (3048 mm x 1372 mm)
- 120.00 x 54.00 in. Bolster Area (3048 mm x 1372 mm)
- 114.00 x 25.00 in. Bed Opening (2896 mm x 635 mm)
- 122.00 in. Between Gibs (3099 mm)
- 31.00 in. Upright Opening (787 mm)
- 35.00 in. Floor to Top of Bed (889 mm, press in pit)
- 48.00 in. overall Bed Height
- 0 - 80 SPM
- 60 HP – 1800 RPM Drive Motor
- 480 VAC, 3 ph, 60 hz incoming voltage
- 170,000 lbs. Approx. Weight, Press Only (77,111 kg)

Equipped With:

- Single , Left Hand Drive, Extension on LH side
- Minster Combination Hydraulic Clutch & Brake
- Air Operated Flywheel Brake, electrically interlocked
- Four-piece tie rod construction frame
 - Welded crown, bed, slide
 - High tensile cast iron uprights
- Pneumatic Counterbalance
- Minster “Monitorflow” Recirculating Lube System
- Minster Centralized Motor and Clutch Control
- Long Barrel Motorized Shutheight Adjustment
- Eddy Current Drive
- Arranged for crossbar knockout
- Vibro/Dynamics isolation mounts
- Hydraulic tie rod nuts w/manual pump
- Coil Line Interconnects
- Wintriss Shadow VI Light Curtains
- Sliding Pendant w/2 hand inching, feed setup buttons

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

Price, As Is Where Is: Price On Request

Contact:

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Electrical Control

- Main panel contains:
 - Minster Production Management Control
 - fused disconnect switch
 - reversing slide adjustment starter
 - magnetic reversing drive starter
- Main control panel located in Style "100" pedestal located off right front of press. Pedestal has standpipe and flexible overhead conduit to swivel box on front of crown.
- The setup units located on pedestal top include:
 - Clutch Selector Switch to select inching, SET-UP CYCLE*, or continuous operation.
 - Slide Adjustment Control Buttons
 - Power Off-On Locking Selector Switch
 - Supervisory Lock Control Selector Switch
 - Function Enable Illuminated Push-button
- Basic set of operator buttons located on pedestal top includes:
 - Two Guarded Run Buttons to operate press
 - Continuous Arm Illuminated Button
 - Top Stop Button
 - Stop Button
 - Master Stop Button
- **Production Management Control (PMC) System**
 - 10.4" Color Touch Screen
 - Allen Bradley "SLC 5/04" PLC
 - 16-Pole Programmable Limit Switch
 - Press Stopping Time Readout
 - 50 Tool Storage Cap. w/ 7-Digit Numeric I.D. Codes
 - System Prompts and Diagnostic Messages
 - Monitor Flow Press Lubrication System Indicators
 - Motor Start/Stop Control
 - Motor Speed Control
 - Motor Speed and Load Display (in screen)
 - Motor Zero Speed/Forward-Reverse Control
 - Slide Adjust Function Indicators
 - Dual Clutch Valve Monitor
 - Stock Lubricator Interface Output
 - Blow-off Valve Interface Output
 - Production Counters - Totalizers/Preset/Batch

PMC (cont'd)

- Maintenance Reminders - Triggered via Predetermined Hours or Clutch Engagements, or Number of Parts Made with Die
- Press Lifetime Production Records - Hours/Cycles/Clutch Engagements
- Relay Based Primary Machine Control

*: The SETUP CYCLE mode is a means of single cycling the press slide for die setup and stock threading purposes. It is not intended for production purposes.

Additional Stop buttons located:

ON RIGHT FRONT UPRIGHT
ON RIGHT REAR UPRIGHT
ON LEFT REAR UPRIGHT

- Dual clutch valves with detector switches and monitor unit.
- Two (2) die safety block receptacles mounted on pedestal.
- Barrier guard receptacles on front and rear of press.
- Clutch and motor control circuits, including pushbuttons operate on 110 VAC from control transformer which has a minimum of 350 VA extra capacity for machine lighting.

ELECTRICAL OPTIONS:

- (4) 120 VAC duplex receptacles
- 480 VAC, 30 amp receptacle, w/fuses and starting contactor
- (2) Air blow-off valves
- (4) fluorescent work lamps
- PMC Four (4) Channel Load Monitor.
- PMC 16 Point Die Protection Module.
- PMC Servo Feed Interface for Minster Electric Feed
- PMC Automatic Shutheight Control
- PMC Automatic Counterbalance Adjustment



PRESS & AUTOMATION

USED MACHINERY



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Minster Automation 26" Wide Servo Feed Line



MEF6-26 MINSTER AUTOMATION SINGLE ROLL ELECTRIC FEED

SPECIFICATIONS:

Maximum stock width: 26"
 Stock Thickness Range: 0.020" – 0.312"
 Capacity in mild steel at full width: 0.187"
 Maximum Width @ full thickness: 12"
 Roll opening for thread up: 0.470"
 Roll diameter: 6.366"
 Min/Max feed line over bolster: 13.00"/22.00"
 Floor mounted cabinet base w/mechanical height adjustment
 Electro Pneumatic Pilot Release
 Grease Lubrication

FEED OPTIONS:

End of stock sensor
 Lubrication from straightener
 Feed set up buttons in press pendant
 Chrome blast roll finish

MTT14-26 MINSTER AUTOMATION HYDRAULIC THREADING TABLE

SPECIFICATIONS:

Maximum stock width: 26"
 Overall length: 14'

MSH40-26-7 MINSTER AUTOMATION STRAIGHTENER

SPECIFICATIONS:

Maximum stock width: 26"
 Maximum thickness capacity: 0.500"
 Minimum thickness capacity: 0.025"
 Maximum thickness @ full width: 0.230"
 Maximum width @ maximum thickness

SPECIFICATIONS (cont'd)

Speed range: 40 – 800 IPM
 Ultrasonic loop control
 Exit catenary support

STRAIGHTENER OPTIONS:

Motorized work roll adjustment
 Peeler Table
 Class "A" automatic centralized grease lubricating system
 End of stock sensor
 Driven hold down arm with end flattener
 Chrome blast finish on pinch rolls
 Automatic loop calculation
 Digital roll position readout

MR-20-26D MINSTER AUTOMATION DUAL REEL

SPECIFICATIONS:

Coil weight capacity/side: 20,000 lb.
 Maximum stock width: 26"
 Maximum coil O.D.: 72"
 Coil ID range: 20" – 24"
 Hydraulic expansion, turret rotation, fwd/rev jog drive, spring set/hyd release holding brake
 Coil car adaptation

MCC2-35 MINSTER AUTOMATION COIL LOADING CAR

SPECIFICATIONS:

Max. coil weight @ max width: 35,000 lb.
 Max coil width/OD: 72"/72"
 Maximum lift: 16"
 Traverse Speed: 5 – 20 FPM