



PRESS & AUTOMATION

USED MACHINERY



## Used Minster E2-300-96 Straight Side Press

New 1998

NPA Stock #E2-029736P



Photo of actual machine

### Press Specifications:

- 300 U.S. Tons Capacity (2669 kN)
- 10.00 in. Stroke (254 mm)
- 6.00 in. Slide Adjustment (152 mm)
- 30.00 in. Shutheight, SDAU, on Bed (762 mm)
- 96.00 x 44.00 in. Slide Area (2438 mm x 1118 mm)
- 96.00 x 44.00 in. Bed Area (2438 mm x 1118 mm)
- 79.00 x 9.00 in. Bed Opening (2007 mm x 229 mm)
- 98.00 in. Between Gibs (2489 mm)
- 27.00 in. Upright Opening (686 mm)
- 36.00 in. Floor to Top of Bed (914 mm)
- 0 - 100 SPM
- 50 HP – 1800 RPM Drive Motor
- 108,000 lbs. Approx. Weight, Press Only (48,988 kg)

### Equipped With:

- Single Geared, Left Hand Drive, Extension on RH side
- Minster Combination Air 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

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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### Nidec Press & Automation

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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.

Press mounted operator station located on left front upright includes:

- Two Hand Inching Arrangement for Die Set-up purposes
- Stop Button

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:

- Production Management Four (4) Channel Load Monitor.
- Strain link to be mounted on uprights and calibrated.
- Production Management 16 Point Die Protection Module.



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### CWP 30" Wide Servo Feed Line



#### MODEL SMX30H6 ServoMax HIGH CAPACITY ELECTRONIC ROLL FEED

##### SPECIFICATIONS:

Maximum stock width: 30"

Capacity in mild steel at full width: 0.219"

Maximum feed length: 999.999"

Roll position accuracy: +/- 0.002"

Roll diameters(2): 6.00"

Roll widths

- upper 31"
- lower 35"

Passline height from baseplate: 9.50"

Feed dimensions: 50" w x 44" dp x 28" h

Control dimensions: 20" w x 13" dp x 42" h

Voltage: 230/3/60

#### MODEL 30PTT12 SINGLE-SIDED PNEUMATIC THREADING TABLE

##### SPECIFICATIONS:

Maximum stock width: 30"

Overall length: to span looping area for 0.250" max. thickness

#### MODEL 30-3.5 POWER DRIVEN STOCK STRAIGHTENER WITH MODEL 30-HDP HOLD-DOWN-PEELER SYSTEM

##### SPECIFICATIONS:

Maximum stock width: 30"

Maximum thickness capacity (80,000 psi yield): 0.219"

Minimum thickness capacity: 0.028"

Straightening roll diameter (7): 3.50"

Center distances: 4.50"

Pinch roll diameter (2): 3.50"

Speed range: 100 FPM

Voltage: 230/3/60

#### STRAIGHTENER OPTIONS:

Automatic Central Lubrication System

Digital Roll Position Readouts

Matte Chrome Pinch Rolls

Powered Straightener Roll Adjustment

Consolidated System Control Package

#### MODEL 4.5R-30 SINGLE PLAIN STOCK REEL SR#057844-SR

##### SPECIFICATIONS:

Coil weight capacity: 10,000 lb.

Maximum stock width: 30"

Maximum coil O.D.: 60"

Mandrel expansion range: 14"-18", 18"-22" w/spacers

Height from floor to C/L of spindle: 54"

#### MODEL 10036CLC COIL LOADING CAR SR#057844-CLC

##### SPECIFICATIONS:

Coil weight capacity: 10,000 lb.

Base width: 36"

Maximum coil O.D.: 60"

Maximum lift: 16"