

P2-200-54 MINSTER, Two Point, Eccentric Shaft, Straight Side Press

New 1967/Remanufactured 2013

Press Stock # 100174P



Photo of similar machine

Specifications:

Capacity:	200 US Tons
Diameter of Eccentric Shaft at Mains and Eccentric:	7.00" – 8.50" (178mm – 216mm)"
Stroke:	1.50" (38mm)
Slide Adjustment:	3" (76mm)
Shut Height, on bed (SDAU):	22.00" (559mm)
Area of Bed, R-L x F-B:	54" x 44" (1372mm x 1118mm)
Area of Bolster, R-L x F-B:	54" x 44" (1372mm x 1118mm)
Area of Slide, R-L x F-B:	54" x 25" (1372mm x 635mm)
Opening in Bed, R-L x F-B:	44" x 12" (1118mm x 305mm)
Window Opening:	18" (457mm)
Distance Floor to Top of Bed:	Distance floor to top of bed :40" (1016mm)
Distance between Gibs, to clear:56
Speed Range (FE @ 45 SPM):	0 - 300 SPM
Motor HP:25
System Voltage:480 Volts, 3 Phase, 60 cycle

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

Price: On request

Contact:

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DRIVE:

Left hand drive with extension on opposite end.
Flywheel type.
Equipped with MINSTER combination air operated multiple disc friction clutch and brake. Clutch and brake located on crankshaft within flywheel. Includes exhaust muffler.

Includes fast stopping arrangement in clutch and brake unit.

Includes air operated flywheel brake, electrically interlocked so brake will engage when main motor is stopped.

FRAME:

The frame is made of high tensile iron.
Frame of four piece tie rod construction, drilled for "Heatrex" heaters. None.
Feed pads on left hand side for mounting feed equipment.

BEARING ARRANGEMENT:

Main shaft bearings made of special alloy bronze.
Support wedges between main bearing caps and uprights.
Driveshaft mounted on anti-friction bearings.

GIBS:

Eight adjustable bronze lined gibs, F and B adjusted by means of laminated shims, R and L adjusted and supported thru full length by tapered back-up strips.

PNEUMATIC COUNTERBALANCE:

Equipped with pneumatic counterbalance system on the slide.
Cylinder located in press uprights.

SLIDE (RAM):

Lower connection bearings in slide bushed with renewable bronze plug type saddle bushings, preloaded at assembly.

SLIDE ADJUSTMENT: (Manual Slide Adjustment)

Long barrel type manual slide adjustment. With double lock-up slide feature. No T-slots in slide.

DRIVE MOTOR:

New 25HP Variable Frequency Drive motor system

BOLSTER:

BED:

Includes heavy duty low deflection cast iron bed. Integral drip oil troughs cast in bed.

LUBRICATION:

MINSTER patented "Monitorflow" recirculating oil lubrication system with continuous flow to all main and connection bearings, gibs, and counterbalance cylinders. Flow to all the main and connection bearings is constantly monitored so that loss of flow caused by blockage between the sensor and the bearings is sensed and indicator lights signal the location of the clogged filter, low oil level in reservoir, inadequate flow or faulty pump. Any fault signal turns off the clutch control stopping the slide. The "Monitorflow" system includes pump, motor and controls, sensors, indicator lights and spin-on filter. Lube pump and motor are shock mounted.
Lubrication unit located in right press leg cavity.

GENERAL:

Arranged for grooved V-belt motor drive, including motor plate, belts sheave.

MINSTER PRODUCTION MANAGEMENT CONTROL

- Color Touch Screen
- Allen Bradley "SLC 5/05" PLC
- 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
- Press Lubrication System Indicators
- Lube Pump On/Off Indicator
- Motor Start/Stop Control
- Motor Forward/Reverse Control
- Motor Speed Control
- Motor Speed and Load Display
- Dual Clutch Valve Monitor
- Stock Lubricator Interface Output
- Aux Output Interface for Secondary Cntrl Elements (2nd Blowoff, Lubricator, Diverter Chutes, Etc.)
- Blow-off Valve Interface Output
- Production Counters – Totalizers/Preset/Batch
- Maintenance Reminders – Triggered via Predetermined Hours or Clutch Engagements, or Number of Parts Made
- Press Lifetime Production Record – Hours/Cycles/Clutch Engagements
- Relay based Primary Machine Control
- Press mounted set-up station located on right upright includes:
 - Two Hand Inching Arrangement for die set-up purposes
 - Stop Button



Photo of similar PMC Console

Additional stop buttons located:

- On Right Front Upright
- On Right Rear Upright
- On Left Rear Upright
- Dual clutch valve monitor unit.

Includes two (2) die safety block receptacles mounted on side of control pedestal.

Includes limit switch resolver.

Safeguarding interlock connections located on the front and rear of press. If safeguarding is purchased with the press these connections are removed, and the safeguarding is hard wired to the press.

Clutch and motor control circuits, including pushbuttons, operate on 110 VAC from control transformer that has a maximum of 350 VA additional capacity for machine lighting.