

PRESSMASTER

Stamping & Forming Presses



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The press engineering concept gives you greater productivity and accuracy

PRESSMASTER PDR SERIES : single action. Two Point crankless, DOUBLE GEARED reduction, left to right shaft, straight sided column press having steel plate box type welded construction, in 4 pieces, with hydraulically pre-stressed Tie Rods, pinion and intermediate shafts running in Anti friction Bearings, complete with pneumatically operated single disc friction Clutch and brake, Hydraulic Overload safety Device, motorised slide adjustment, automatic centralised lubrication, complete with electricals comprising electrical motor, electro pneumatic safety controls.

Systems

- Ross/Herion Dual Solenoid Valve
- Pascal/Herion Hydraulic Overload System
- PLC Based Electric Panel On Demand Siemens/ Allen Bradley/ Telemecanique
- A.C. Variable Speed Drive Choice of Siemens/AB/ Telemecanique.
- Wet Clutch on demand

Features

- Photo electric Safety guard in front of machine
- Tool kit (Special to press)
- Herion/Pascal Overload Safety device
- Trabone/Lincoln Lubrication Pump
- 8 Cam box
- Ortlinghaus/Goizper Clutch & brake unit
- FRL unit with Auto drain facility
- Electric AC outlet Socket x 1s
- Solid State Control Panel
- Brake monitor
- Hardened gears
- Digital Crank Indicator
- Tonnage Monitor
- Air receptacle x 1

Specifications

Specification Table

MODEL	PDR - 100	PDR - 160	PDR - 200
Capacity Metric (U.S. tons)	100 (110)	160 (176)	200 (220)
Slide Stroke	200 (8")	250 (10")	250 (10")
Stroke Per min.	33 (Single Geared)	33 (Single Geared) 15 (Double Geared)	33 (Single Geared) 15 (Double Geared)
Adjustment of Slide	100 (4")	100 (4")	100 (4")

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MODEL	PDR - 100	PDR - 160	PDR - 200
Area of (A) slide(B)	1100 x 850 (44 x 34) -----	1100 x 850 (44 x 34) 1450 x 850 (58 x 34)	1500 x 1000 (60 x 40) 1700 x 1100 (68 x 44)
Area of (A) Bolster(B)	1250 x 950 (50 x 38) -----	1300 x 1000 (54x40) 1600 x 1000 (64x40)	1650x1250 (66x50) 1850x1250 (74x50)
Shut ht. Over Bolster (SDAU)	450 (18")	500 (20")	550 (22")
Thickness of Bolster	120 (4 3/4")	500 (4 3/4")	150 (6")
Main Motor (HP x Pole)	11kw (15 x 4)	15kw (20x4)	15kw (20x4)
Slide adjustment motor(HP x pole)	0.75 kw (1x4)	1.1 (1.5 x4)	1.5 (2x4)
Die Cushion Capacity	10 T (11)	20 T (22)	30 T (33)
Stroke	100 (4")	125 (5")	125 (5")

Keeping in step with today's technological strides improvements are made in the designs of products.
Hence the products supplied may have features different from those described in this bulletin.

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