



MAGNUM PRESS

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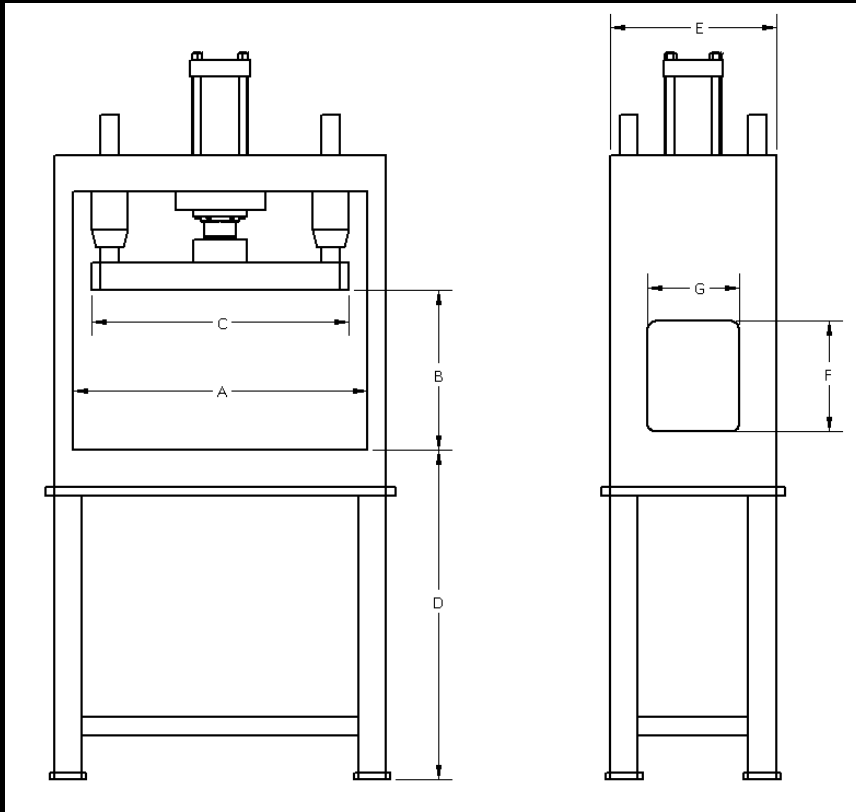
MSS Series 4 - 40 Ton STRAIGHT SIDE PRESS

Straight Side Style Hydraulic Press

Magnum hydraulic straight side presses feature rugged frame construction that is custom built to customers' exact requirement and they are designed to meet demanding production schedules with years of trouble free operation. Structural designs undergo rigorous analysis through Finite Element Analysis (FEA) design testing. Straight side presses can accommodate small to very large die space with frame designs and speeds to match the application. As frames are loaded they maintain superior bed to ram parallelism over C-frame presses. Magnum Straight Side Presses typically feature a post guided tool plate or a GIB guided tool plate. GIB guided straight side frame hydraulic presses provide the Ultimate in tooling guidance for your really HEAVY DUTY off-center-loading applications. These models feature "off-the-shelf", self lubricating and replaceable bronze gib material making them better suited to handle tougher jobs. These GIB Guided presses feature 8 point bearing contact with adjustment bolts to compensate for wear. In some cases the GIB guided tool plates can totally eliminate the need for a die set altogether. A wide range of hydraulic systems are used to meet specific performance. Industry standard components are used in hydraulic and electrical systems to insure a reliable system with readily available components when you need them.



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Standard Equipment:

- Allen Bradley MicroLogix PLC with Panel View HMI based controls
- NFPA79 & UL508A Compliant Electrical Controls
- 2-Hand No-Tie-Down Start
- CAT 4 Safety Start Relay
- Adjustable Tonnage
- Adjustable Stroke
- Pressure and Distance Reversal Mode
- Manual Setup Mode
- Energy Saver Shut Down
- Top Stop Over-Run
- True 2 Speed Ram
- Electro-Hydraulic Decompression
- Self-Contained Hydraulic Power Unit
- Visual Level/Temp Gauge
- Lockable Disconnect
- NEMA enclosures
- TEFC EISA Compliant Electric Motor
- Magnetic Starter/ Electronic Overload
- Single Point Power Connection

Magnum Press has a long list of options that you can select from to customize your press the way you need it.

MODEL	MSS-	4A	4B	6A	6B	10A	10B	15A	15B	25A	25B	35A	35B
Rated Tonnage (Adjustable)		3.9	3.9	6.1	6.1	10.4	10.4	15.7	15.7	24.5	24.5	35.3	35.3
STANDARD Inches Per Minute (IPM)	RAPID	420	635	390	1300	400	1200	305	1030	265	820	275	790
	WORK	200	300	190	190	150	150	120	120	130	130	125	125
	RETURN	380	570	375	1250	240	750	200	660	255	790	225	630
CPM (1")	.13" WORK	90	90	78	78	68	68	70	70	70	70	70	70
CPM (4")		37	80	31	67	25	61	27	61	26	56	26	56
Stroke (in. adjustable)		-	-	-	-	-	-	-	-	-	-	-	-
(B) Daylight (in)		-	-	-	-	-	-	-	-	-	-	-	-
Shut Height (in)		-	-	-	-	-	-	-	-	-	-	-	-
(A) Bolster L-R (in)		-	-	-	-	-	-	-	-	-	-	-	-
(E) Bolster F-B (in)		-	-	-	-	-	-	-	-	-	-	-	-
(C) Slide L-R (in)		-	-	-	-	-	-	-	-	-	-	-	-
Slide F-B (in)		-	-	-	-	-	-	-	-	-	-	-	-
Height (in)		-	-	-	-	-	-	-	-	-	-	-	-
Bolster Height (in)		-	-	-	-	-	-	-	-	-	-	-	-

Magnum straight side presses are built to customer specifications. Hydraulic systems can be matched to customer CPM and IPM specs other than chart performances. Daylight, stroke, bed height and between pin dimensions are customer specified.