



Hydraulic Press (Gate Type)

- Specific Pressure required per cm (or per inch) on product or platen to decide the tonnage of the press
- Heating Media (Steam or electrical) curing temperature, curing time sequence to decide the method of heating, cycle of operation of the press.
- Therefore, an expert advice for selection of most appropriate press is utmost important, which you get free from RAVI Engg. that make Ravi Hydraulic Presses the 'Zero Error' Presses.

The Following seven unique features are the outcome of our dedication to design and manufacture totally reliable machinery, which Ravi Hydraulic Presses the 'Zero Error' Press.

Our Customers all over the country vouch for this. The more they these presses, the better they think of them.

Zero Deflection

The rugged design of press frames reduces the deflection of platens to practically zero at full load moulding. Resulting in uniform moulding force over the entire plate surface.

One-Piece Cylinder

Cylinder are one -piece. No welding or fabricated Cylinders - No Failures

Gland Ring With Zero loading

Specially designed cylinder assembly assures nearly zero load on gland and studs for accurate and safe working of chevron packers. "gland stud breaking at all."

Chevron packing

Well designed, endless Chevron packagings are made out of oil resistant nitrile rubber with accurate lips for positive sealing practically "Zero-leakage" at all pressures.

Ram

Solid chilled cast iron ram machined, ground and hard chrome plated to give long life to chevron packagings. It does not rust in idle periods.

Platens

Accurately machined with precisely pitched steam or electrical heating channels for absolutely even temperature distribution over the entire surface.

Power Pack

Single discharged piston pumps. Double discharge "Standard Hydraulic" Power packs for fast closing of press with slow presenting action.

Control Panel

Standard components of telemachine / L&T make are used. Provided with complete circuit diagram



Hydraulic Press (Pillar Type)

Technical Specifications for Pillar Type Hydraulic Press

Specifications	RCMP-100	RCMP-150	RCMP-200	RCMP-250	RCMP-300	RCMP-400
Clamping force	100 Tons	150 Tons	200 Tons	250 Tons	300 Tons	400 Tons
Platen Size (mm)	400 x 400	450 x 450	560 x 560	610 x 610	660 x 660	800 x 800
Day Light Gap. (mm)	400	400	400	450	450	500

Stroke (mm)	400	400	400	400	400	500
Piston Dia. (mm)	250	300	350	400	420	500
Motor (H.P)	5 HP	7.5 HP	10 HP	12.5 HP	15 HP	25 HP
Oil Tank Capacity	350 Ltrs	350 Ltrs	400 Ltrs	400 Ltrs	450 Ltrs	500 Ltrs
Heating Capacity	6 K.W	8 K.W	9 K.W	10 K.W	12 K.W	16 K.W

Material Specifications for Pillar Type Hydraulic Press

Pillar	Made out of solid EN 8 duly ground & hard chrome plated.
Cylinder	Cylinder made by solid EN 8 steel single piece.
RAM	Chilled cast iron/Class-1 graded cast iron duly ground & hard
Platen	Platen made out of solid steel with machined surface & drilling to give full serpentine circulation .

Power Pack Cut Consisting the Followings Items

Gear Pump (Polyhedron make)	One No
Pre - Fil Value	One No
Check Value	One No
Pressure Gauge	One No
Oil Level Indicator	One No
Pressure Switch	One No
Breather	One No

Electrical Panel Consists of Following Items

Main motor contractor, HRC Fuses, Over load Relays, Connecting strips, AMP meter Volts Meter, Push Button & digital timer Digital temperature Indicator controller or as per your specifications with prevision of Die Ejector / Auto Bumping feature

Hydraulic Press (Pre-Cured Tread Type)



Technical Specifications for Pre-Cured Tread Type Hydraulic Press

Platen Size	12" x 12"
Structure	"C" Frame Type
N. Of Daylight	1/2/3/4/5/6
Daylight Gap	5"
No. of Ram	Six
Type of Press	Up Stroke
Approach speed	15 mm / Second
Return speed	By Gravity
Made of Operation	Semi Automatic
Made of Heating	Steam Heated / Thermic Fluid

Material Specifications for Pre-Cured Tread Type Hydraulic Press

Frame	Made out of mild steel single piece
Cylinder	Cylinder made by solid EN 8 steel single piece
RAM	Class - 1 graded cast iron duly ground & hard chrome plated
Platen	Platen made out of solid steel with machined surface & drilling to give full serpentine circulation.

Power Pack Unit Consisting of the followings Items

Motor (ABB / Alstom / Crompton)	10 HP + 3 HP
Gear Pump (Douty make)	One No
Gear Plunger Pump (High & Low Pressure)	One No
Pre-Fill-Value	One No

Check Value	One No
Pressure Gauge	One No
Oil Level Indicator	One No
Pressure Switch	One No
Breather	One No
(The power Pack complete with all necessary pipes Lines, Drain, Coupling, auto opening system etc.)	

Electrical Panel Consists Following Items

Main motor contractor, HRC Fuses, Over load Relays, Connecting strips, Amp meter Volt Meter, Push Bottom & One No. digital timer (99 minutes). 05 No Digital temperature Indicator.

The Prices are complete with all Hydraulic & Panel Control Board

CONTACT US

Ravi Engineering Works, New Delhi

Contact Person Mr. Sachin Sethi

Address 29/19, Street No. 6,
Anand Parbat Industrial Area
New Delhi - 110 005 (India)

Tel. : + (91)-(11)-
55489741/55489742/28715517/28717282

Fax : + (91)-(11)-25731310/28714369

E-mail : ravieng@vsnl.com
sales@rubbermachineries.com
purchase@rubbermachineries.com