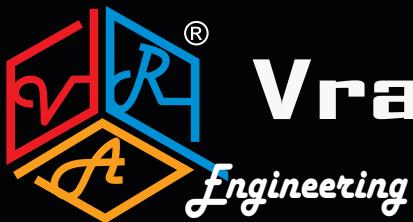




Engineering

Vra Engineering Works

www.vraengineering.com



Vra Engineering Works

COMPANY PROFILE

VRA ENGINEERING WORKS

A Distinguished, Dedicated And Trusted Manufacturer Of Steel Rolling Mills Equipments, Tube Mills Equipments, Hydraulic Cylinder And Hydraulic Press

Our products are manufactured employing the optimum grade material and advanced technology.

For over 5 years since the inception of the company we are continuously manufacturing qualitative & durable products, require low maintenance. VRA has studied, analyzed and interpreted the requirements of todays advanced and evolving customer needs and has consequently produced a spectrum of over 100 product for PRINTING INDUSTRY, STEEL INDUSTRY & AUTOMOBILE INDUSTRY.

VRA is making its presents in Indian industrial manufacturing industry rapidly and strive to grow day by day with faster pace. With a truly dedicated team of professionals and highly experienced engineers from the related industries VRA aims to be pioneer in manufacturing within 6 years

Our state of art manufacturing facility is situated in new Delhi and with 2000 sqft area comprising CNC Turning, CNC Millings, CNC Bending and many conventional machines and in house coating plant.

We strive for perfection and customer satisfaction is our goal.





Vra Engineering Works

HYDRAULIC PRESS FOR SPECIAL PURPOSE MACHINE

Hydraulic Baling Press

Scrap Baling Press

Pet Bottle Baling Press

Hydraulic Squeezing Press

Hydraulic Lab Testing Machine

Lab Testing Machines

Hydraulic Hot & Cold Press

Paper Baling Press

Cardboard Baling Press

Hydraulic Preforming Press

Hydraulic Plywood Press

Hydraulic Cylinders

Hydraulic Power Packs

Powder Compacting Press

HYDRAULIC PRESS FOR RUBBER MOLDING

Rubber Molding Press

Hydraulic Molding Press

Transfer Molding Press

Vacuum Compression Molding

Compression Molding Press

Solid Tyre Molding Press

Hydraulic Hot Molding Press

Hydraulic SMC Molding Press

Hot Molding for Brake Lining

HYDRAULIC PRESS FOR SHEET METAL

Deep Draw Press

Single Action Hydraulic Press

Triple Action Hydraulic press

Hydraulic Cutting Press

Hydraulic Forming Press

Hydraulic Deep Draw Press

Double Action Hydraulic Press

C-Frame Hydraulic Press

Hydraulic Press for Induction



Hydraulic Baling Press

V R A horizontal hydraulic baling press is designed for processing ferrous or non-ferrous scrap in all forms. Various wastes like paper waste, fruit chips, sugarcane waste, metal chips waste, other leftovers are compressed into cuboid bales. The arrangements are provided to tie the bales manually with the help of grooves provided. This makes it easy for transportation and storage.

Technical Specifications

TRIPPLE COMPRESSION	V R A HYDRAULIC BALING PRESS	ALFA	SEMI
BALING CHAMBER	30" X 40" X 77" (HxWxL)	24"x 32"x 60" (HxWxL)	20" X 22" X 45" (WxHxL)
BALE SIZE	15" X 15" X 8-10"	12"x12"x6-8"	10"x10"x6-8" (WxHxL)
ELECTRIC MOTOR	40 HP 3 PHASE 1440 RPM	30 HP 3 PHASE 1440 RPM	20 HP 3 PHASE 1440 RPM
BODY	FABRICATED	FABRICATED	—
OIL DRIVE	GEAR CUM PLUNGER PUMP	GEAR CUM PLUNGER PUMP	PLUNGER PUMP
WORKING LIQUID	HYDRO / EBCKI-68	HYDRO / ENLCO-68	HYDROL / ENCLO-68
FORCE ON LID	70 TONS	40 TONS	40 TONS
FORCE ON MAIN CYLINDER	70 TONS	70 TONS	75 TONS
FORCE ON SIDE CYLINDER	150 TONS	125 TONS	75 TONS
FORCE EJECTOR CYLINDER	10 TONS	10 TONS	10 TONS
WORKING PRESSURE	3000 PSI	3000 PSI	3000 PSI
HARD LINER PLATES	PROVIDED	PROVIDED	PROVIDED
SHEARING BLADES	PROVIDED	PROVIDED	PROVIDED
STARTER	PROVIDED	PROVIDED	PROVIDED
WEIGHT OF THE BALE	70-80 Kgs (Approx) (in MS) 25-30 Kgs (Approx) (in Aluminium)	50-60 Kgs (Approx) (in MS) 15-20 Kgs (Approx) (in Aluminium)	30-40Kgs (Approx) (in MS)
IDLE CYCLE TIME	120 second (Approx)	95 Second (Approx)	90-95 Second (Approx)
WEIGHT OF THE MACHINE	9-10 Tons (Approx)	6-7 Tons (Approx)	5 Tons (Approx)
OIL TANK CAPACITY	900 Lts.	600 Lts.	300 Lts.

Hydraulic Paper Baling Press



Paper baling press manufacturer in Coimbatore. We are instrumental in offering a wide range of hydraulic baling and bundling presses such as Paper, Cotton and Fabric Baling and Bundling Presses. All these presses are structured with features based on cutting-edge technologies and are made of high-grade material and components. The major application area of these machines is ferrous and non-ferrous scrap industry, rubber industry and more. They are acclaimed for their powerful, effective performance. We undertake prompt service of the same at regular intervals.

Technical Specifications

MODEL	V R A-100		V R A-150		V R A-200	
	Option A	Option B	Option A	Option B	Option A	Option B
Feed Opening	Length	600mm (24")	1000mm (39")	600mm (24")	600mm (24")	800mm (31")
	Height	400mm (16")	380mm (15")	400mm (16")	400mm (16")	400mm (16")
Compressing Chamber Size	Length	600mm (24")	1000mm (39")	600mm (24")	600mm (24")	800mm (31")
	Width	400mm (16")	700mm (28")	400mm (16")	400mm (16")	600mm (24")
	Height	900mm (35")	1300mm (51")	900mm (35")	900mm (35")	1200mm (47")
Bale Size	Length	600mm (24")	1000mm (39")	600mm (24")	600mm (24")	800mm (31")
	Width	400mm (16")	700mm (28")	400mm (16")	400mm (16")	600mm (24")
	Height	200-500mm (8-20")	550-920mm (22-36")	200-500mm (8-20")	200-500mm (8-20")	400-800mm (16-31")
Bale Weight (for OCC)	20-40kg	100-150kg	25-50kg	30-60kg	60-120kg	
	44-88lbs	220-330lbs	55-110lbs	66-132lbs	132-264lbs	
Hydraulic Working Pressure (max.)	14Mpa (2030psi)	14Mpa (2030psi)	14Mpa (2030psi)	14Mpa (2030psi)	14Mpa (2030psi)	14Mpa (2030psi)
Main Cylinder	Bore	100mm (3.9")	100mm (3.9")	110mm (4.3")	125mm (4.9")	125mm (4.9")
	Piston Rod	70mm (2.8")	70mm (2.8")	80mm (3.1")	90mm (3.5")	90mm (3.5")
	Stroke	700mm (28")	750mm (30")	700mm (28")	700mm (28")	800mm (31")
Oil Reservoir	40L (10.4gal)	40L (10.4gal)	40L (10.4gal)	40L (10.4gal)	40L (10.4gal)	40L (10.4gal)
Platen Pressure(kgf/cm ²)	4.6	1.6	5.5	7.2	3.6	
Motor Power	3kw (4HP)	3kw (4HP)	3kw (4HP)	4kw (5.5HP)	4kw (5.5HP)	
Number of Tying	4	4	4	4	4	
Cycle Time (unloaded)	24 seconds	26 seconds	29 seconds	33 seconds	38 seconds	
Machine Weight (approx.)	600kg (1,320lbs)	850kg (1,870lbs)	700kg (1,540lbs)	800kg (1,760lbs)	1000kg (2,200lbs)	

★ Chain Bale Ejector

★ Small Footprint and Height

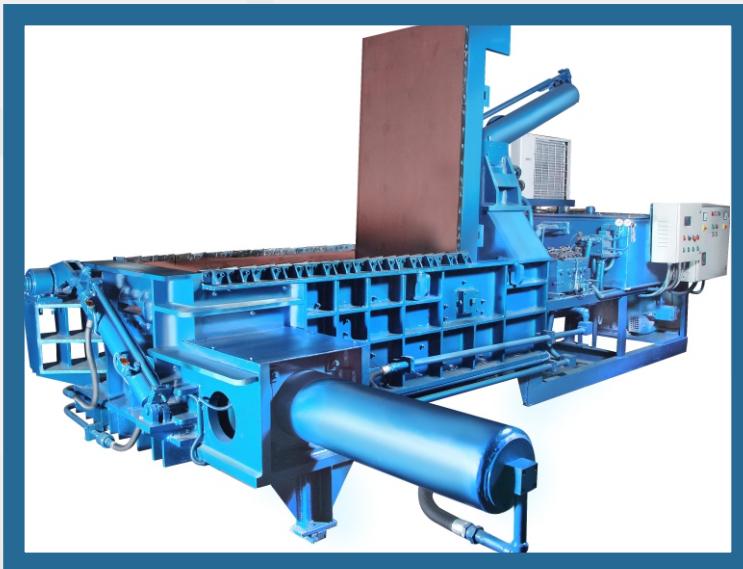
★ Liquid Drainage Channel

★ Adjustable Bale Height

★ Electric Controlled



Hydraulic Scrap Baling Press



V R A horizontal hydraulic baling press is precision designed for successfully processing ferrous or non-ferrous scrap in all forms. Some of the waste it can process include paper waste, sugarcane waste, metal chips waste, fruit chips as well as other leftovers that can be compressed into cuboid bales. Further, the arrangements provided to tie the bales manually with help of grooves is also provided. This makes it easy for transportation as well as storage applications.

Technical Specifications

Baling Chamber (WxhxL) (mm).	Bale Size (mm).	Bale Weight (MS) (Kgs Approx)	Power HP (3 Phase 1440rpm)	No. of compression	Door Opening
300x400x1125	300x400x100-150	20-35	15	Single	Manual
400x500x1125	400x300x150-200	45-55	15	Single	Manual/ Auto
500x500x1125	250x250x200-250	40-60	45	Triple	Auto
600x750x1425	300x300x200-250	55-75	39	Double	Auto
750x950x1850	400x400x200-250	80-145	55	Triple	Auto
1000x1200x2100	500x500x250-500	150-240	2x40	Triple	Auto Ejection by side

BALING CHAMBER SIZE (H x W x L)	1500 mm x 600 mm x 600 mm	1500 mm x 600 mm x 750 mm	1000 mm x 750 mm x 1200 mm	1200 mm x 750 mm x 1500 mm
BALE SIZE	600 mm x 600 mm	600 mm x 750 mm	750 mm x 1200 mm	750 mm x 1500 mm
WEIGHT OF THE BALE (Approx. in Kgs.)	55 - 70	60 - 80	165 - 225	175 - 250
ELECTRIC MOTOR	7.5 H.P.	7.5 H.P.	15 H.P.	15 H.P.
IDEAL CYCLE TIME MACHINE Approx (Tons)	60	60	60	60
WEIGHT OF THE MACHINE Approx (MT)	2.5	3	5	5.5
OIL DRIVE PUMP	GEAR CUM PISTON PUMP			
WORKING LIQUID	HYDROL / ENCLO - 68	HYDROL / ENCLO - 68	HYDROL / ENCLO - 68	HYDROL / ENCLO - 68
BODY	FABRICATED			

Hydraulic Scrap Baling Press

Technical Specifications

Triple Compression	VHBP 150	ALFA	SEMI
Baling Chamber	30" x 40" x 77" (hxwxl)	24" x 32" x 60" (hxwxl)	20" x 22" x 45"
Bale Size	15" x 15" x 8-10"	12" x 12" x 6-8"	10" x 10" x 6-8" wxhxl)
Electric Motor	40 hp 3 phase 1440 rpm	30 hp 3 phase 1440 rpm	20 hp 3 phase
Body	fabricated	fabricated	
Oil Drive	gear cum plunger pump	gear cum plunger pump	plunger pump
Working Liquid	hydro / ebcki-68	hydro / enlico-68	hydrol / enclo-68
Force On Lid	70 tons	40 tons	40 tons
Force On Main Cylinder	70 tons	70 tons	75 tons
Force On Side Cylinder	150 tons	125 tons	75 tons
Force Ejector Cylinder	10 tons	10 tons	10 tons
Working Pressure	3000 psi	3000 psi	3000 psi
Hard Liner Plates	provided	provided	provided
Shearing Blades	provided	provided	provided
Starter	provided	provided	provided
Weight Of The Bale	70-80 kgs (approx) (in ms) 25-30 kgs (approx) (in aluminum)	50-60 kgs (approx) (in ms) 15-20 kgs (approx) (in aluminum)	30-40kgs (approx) (in ms)
Idle Cycle Time	120 second (approx)	95 second (approx)	90-95 second (approx)
Weight Of The Machine	9-10 tons (approx)	6-7 tons (approx)	5 tons (approx)
Oil Tank Capacity	900 Its.	600 Its.	300 Its.



Hydraulic Cardboard Baling Press



The Hydraulic Cardboard baling machine is one of V R A most popular vertical & Horizontal down strok balers, producing bales of various kinds of material. Suitable bale size and weight save you money, time, space, and maximan the use of transport as the waste volume canve reduced in the ratio of up to 8:3.

V R A is always looking into innovation. This mill size baller has several unique operating features, making the most efficient and versatile baler in the market place today. Furthermore, the robust design and market-leading build quality ensure

Technical Specifications

MODEL		V R A - 300				V R A - 500	
		Option A	Option B	Option C1	Option C2	Option A	Option B
Feed Opening	Length	800mm (31")	1100mm (43")	1520mm (60")		1100mm (43")	1520mm (60")
	Height	500mm (20")	600mm (24")	680mm (27")		600mm (24")	680mm (27")
Compressing Chamber Size	Length	800mm (31")	1100mm (43")	1520mm (60")		1100mm (43")	1520mm (60")
	Width	600mm (24")	760mm (30")	760mm (30")		760mm (30")	760mm (30")
	Height	1400mm (55")	1500mm (59")	1800mm (71")		1500mm (59")	1800mm (71")
Bale Size	Length	800mm (31")	1100mm (43")	1520mm (60")		1100mm (43")	1520mm (60")
	Width	600mm (24")	760mm (30")	760mm (30")		760mm (30")	760mm (30")
	Height	400-900mm (16-35")	500-900mm (20-35")	600-1120mm (24-44")		500-900mm (20-35")	450-1120mm (18-44")
Bale Weight (for OCC)		60-150kg 132-330lbs	100-200kg 220-440lbs	200-350kgs 440-770lbs	230-400kgs 506-880lbs	150-280kgs 330-616lbs	250-450kgs 550-990lbs
Hydraulic Working Pressure (max.)		14Mpa (2030psi)	14Mpa (2030psi)	14Mpa (2030psi)	18Mpa (2610psi) HD plunger pump	18Mpa (2610psi)	18Mpa (2610psi)
Main Cylinder	Bore	140mm (5.5")	140mm (5.5")	150mm (5.9")		160mm (6.3")	160mm (6.3")
	Piston Rod	100mm (3.9")	100mm (3.9")	110mm (4.3")		120mm (4.7")	120mm (4.7")
	Stroke	1000mm (39")	1000mm (39")	1200mm (47")		1000mm (39")	1350mm (53")
Oil Reservoir		100L (26gal)	100L (26gal)	100L (26gal)		140L (36.4gal)	140L (36.4gal)
Platen Pressure (kgf/cm²)		4.5	2.6	2.1	2.8	4.3	3.1
Motor Power		5.5kw (7.5HP)	5.5kw (7.5HP)	7.5kw (10HP)		7.5kw (10HP)	11kw (15HP)
Number of Tying		4-6	4-7	5-7		4-6	5-7
Cycle Time (unloaded)		38 seconds	38 seconds	44 seconds	53 seconds	42 seconds	42 seconds
Machine Weight (approx.)		1500kg (3,300lbs)	1800kg (3,960lbs)	2500kg (5,500lbs)		2400kg (5,280lbs)	2700kg (5,940lbs)

Baling Application: cartons, film, corrugated cardboard (OCC), ONP, OMG, office wasters packaging material.

Hydraulic Pet Bottle Baling Press



Hydraulic pet bottle baling press baler from V R A, also known as semi-automatic horizontal balers, are used for pressing various material including both solid material and hollow plastic material. They are widely used in a variety of facilities such as paper / cardboard recycling facilities, carton manufacturers, printing facilities textile waste recycling installation, distribution center, PET BOTTLE recycling plants, fiber processing facilities and packaging factories

This vertical hydraulic baler is designed for long stroke pressing which is perfect for pressing products like plastic bottles and aluminum cans. It is a must-have piece of equipment for any hollow plastic or can recycling facilities to compress the waste material into tight and compact bales for easy handling, storage, and transportation.

Technical Specifications

MODEL		V R A-300	V R A-400	V R A-500	V R A-700
Feed Opening	Length	800mm (31")	1000mm (39")	1100mm (43")	1500mm (59")
	Height	400mm (16")	450mm (18")	500mm (20")	500mm (20")
Compressing Chamber Size	Length	800mm (31")	1000mm (39")	1100mm (43")	1500mm (59")
	Width	600mm (24")	600mm (24")	700mm (28")	760mm (30")
	Height	1200mm (47")	1400mm (55")	1500mm (59")	1600mm (63")
Bale Size	Length	800mm (31")	1000mm (39")	1100mm (43")	1500mm (59")
	Width	600mm (24")	600mm (24")	700mm (28")	760mm (30")
	Height	200-800mm (8-31")	300-900mm (12-35")	300-1000mm (12-39")	300-1000mm (12-39")
Bale Weight (for PET bottle)		35-100kg 77-220lbs	50-140kg 110-308lbs	70-230kg 154-506lbs	100-380kg 220-836lbs
Hydraulic Working Pressure(max.)		14Mpa (2030psi)	14Mpa (2030psi)	18Mpa (2610psi)	18Mpa (2610psi)
Main Cylinder	Bore	140mm (5.5")	150mm (5.9")	160mm (6.3")	150mm (5.9")
	Piston Rod	100mm (3.9")	110mm (4.3")	120mm (4.7")	110mm (4.3")
	Stroke	1000mm (39")	1100mm (43")	1200mm (47")	1300mm (51")
Oil Reservoir		100L (26gal)	120L (31.2gal)	160L (41.6gal)	200L (52gal)
Platen Pressure (kgf/cm ²)		4.5	4.1	4.7	5.6
Motor Power		7.5kw (10HP)	11kw (15HP)	11kw (15HP)	15kw (20HP)
Number of Tying		4	4	5	5
Cycle Time (unloaded)		38 seconds	40 seconds	37 seconds	45 seconds
Machine Weight (approx.)		1300kg (2,860lbs)	1650kg (3,630lbs)	2300kg (5,060lbs)	3000kg (7,260lbs)

PET bottles, disposable plastic tablesare, HDPE/PP Containers, pop/soda cans, etc.

- ★ Long Stroke ★ Chain Bale Ejector ★ Sliding Door is Optional
- ★ Liquid Drainage Channel ★ Adjustable Bale Height
- ★ Electric Controlled Fixed Retainer Claws
- ★ Hydraulic Driven Chamber Door is Optional



Deep Draw Press

We offer heavy duty frame type deep draw press, hydraulic deep drawing presses, which are widely used in different industries to manufacture deep drawing components. Accurate slide guiding with full stroke length is helpful to provide the better accuracy & effective performance of the presses. Deep draw press is perfect for deep drawing sheet

Impeccably equipped with most advanced hydraulic & electronic (PLC) control. They are designed for high off center loads with heavy RAM force. Accurate slide guiding with full stroke length is helpful to provide the better accuracy & effective performance of the presses. Deep draw press is perfect for deep drawing automobile sheet metal components, oil tanks, stainless steel kitchen sinks, mudguards etc.

Technical Specifications

MODEL NO.	CAP. (TON)	PLATEN SIZE (mm)	DAY LIGHT GAP (mm)	MAIN CYL. STROKE (mm)	DIE CUSHION CAP. (TON)	DIE CUSHION CYL. STROKE (mm)	DIE CUSHION TABLE (mm)	MOTOR H.P
V R A-150	150	600x600	600	400	60	250	300x300	20
V R A-250	250	900x750	750	450	100	300	450x300	40
V R A-400	400	1350x1000	800	500	160	300	800x500	30x2
V R A-500	500	1500x1000	800	500	200	350	900x600	40x2
V R A-600	600	1600x1200	900	600	240	400	900x600	60x2
V R A-800	800	1800x1500	1000	600	320	400	1000x800	60x2
V R A-1000	1000	2100x1800	1200	750	400	450	1200x1000	75x2
V R A-1200	1200	2500x2000	1200	750	480	500	1500x1200	100x2

Note:

- » Deep Draw Press is available up to 4000 Ton Capacity as per the customer's specific requirements
- » Deep Drawing Press will be available with Pillar / Gate / Frame Type
- » High Capacity press will be preferred in column type.
- » The Press will be manufactured as per the customer requirement.



Hydraulic Deep Draw Press

Our hydraulic deep draw press are highly rigid, compact, space saving four-pillar type in design. Hydraulic deep drawing press are equipped with PLC, L.V.D.T depth control, photo sensor electronic safety guard, auto ejector. They are specially designed for uniform pressure on blank holder to avoid wrinkles during the process which improves the quality and productivity rate of products.

Hydraulic deep draw press is suitable for manufacturing stainless steel utensils and other automobile draw components with high degree of finish, productivity and speed.

Technical Specifications

MODEL NO.	CAP. (TON)	MAIN CYL. CAP.(mm)	BLANK HOLDER CAP (mm)	BOLSTER SIZE (mm)	DAY LIGHT GAP (mm)	BLANK HOLDER STROKE	MAIN CYL. STROKE (mm)	MOTOR H.P. (kW)	EJECTOR CYL. CAP. (Tons)
V RA-100	100	50	50	500x500	500	250	450	7.5x	5
V RA-150	150	75	75	700x700	600	300	550	7.5x1	10
V RA-200	200	100	100	800x800	600	300	550	10x1	10
V RA-250	250	150	150	900x900	600	300	550	10x1	15
V RA-300	300	150	150	1000x1000	700	300	650	15x1	15
V RA-400	400	200	200	1200x1200	750	400	700	20x1	20
V RA-500	500	250	250	1200x1500	800	400	750	20x1	20
V RA-500	500	250	250	1200x1800	800	450	750	25x1	20
V RA-600	600	300	300	1500x1800	900	450	850	20x2	25
V RA-800	800	400	400	1800x1800	1000	500	900	30x2	25
V RA-1000	1000	500	500	2000x2000	1200	600	1100	40x2	25

Note:

- » Hydraulic Deep Draw Press can be designed Pillar / Gate / Frame Type
- » High Capacity press will be designed column type preferably.
- » Hydraulic Deep Drawing Press can be provided with speed as per customer requirement.
- » The motor H.P. can be changed as per the speed provided



Single Action Hydraulic Press

We manufacture the most efficient single action hydraulic press that is suitable for various operations. Single action hydraulic presses are highly rigid and compact to avoid any deflection during operation/load, space saving, high speed press suitable for operation like cold forming, coining, trimming, stamping, blanking, embossing, bending used in stainless steel sink industries, automobile industries etc. We manufacture single action hydraulic presses with utmost care to offer effective and durable output.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.	WORK PRESSURE KG/CM ²
V R A-100	100	500x500	500	400	250	15	210
V R A-200	200	750x600	600	450	350	15	210
V R A-300	300	900x600	600	450	460	20	210
V R A-400	400	1000x750	700	500	510	25	210
V R A-500	500	1000x800	750	500	560	30	210
V R A-600	600	1200x1000	750	500	610	40	210
V R A-700	700	1500x1200	900	600	710	50	210
V R A-800	800	1800x1500	1000	600	810	60	210

Note:

- » The Press can be designed Pillar / Gate / H-Frame Type
- » The Press can be provided with speed as per your requirement.
- » The motor h.p. can be changed as per the speed required.



Double Action Hydraulic Press

We, at V R A, also manufacture double action hydraulic press with highly compact, rigid and space saving design. Double action hydraulic presses are equipped with PLC, L.V.D.T depth control automatic photo sensor. Double action hydraulic presses are used for manufacturing stainless steel sinks, geysers, A.C., L.P.G. cylinders and other automobile draw components. With this highly efficient double action hydraulic press, we are successfully satisfying the needs of our esteemed customers through specialized designs and latest trends.

Technical Specifications

MODEL NO.	CAP. (TON)	Main Cyl. Cap. (mm)	Blank Holder cap (mm)	Bolster Size (mm)	Day-Light Gap	Blank Holder Stroke	Main Cyl. Stroke	Motor H.P.	Ejector Cyl. Cap. (Tons)
V R A-150	150	75	75	700x700	600	300	550	7.5x1	10
V R A-250	250	150	150	900 X 900	600	300	550	10x1	15
V R A-400	400	200	200	1200 X 1200	750	400	700	20x1	20
V R A-500	500	250	250	1200 X 1500	800	450	750	20x1	20
V R A-500	500	250	250	1200 X 1800	800	450	750	25x1	20
V R A-600	600	300	300	1500 X 1800	900	450	850	20x2	25
V R A-800	800	400	400	1800 X 1800	1000	500	900	30x2	25
V R A-1000	1000	500	500	2000 X 2000	1200	600	1100	40x2	25

Note:

- » Double Action Hydraulic Press is available up to 4000 Ton Capacity as per the customer's specific requirements
- » Double Action Hydraulic Press will be available with Pillar / Gate / Frame Type
- » High Capacity press will be preferred in column type.
- » Double Action Hydraulic Presses will be manufactured as per the customer requirement.



Triple Action Hydraulic Press

Our Triple Action Hydraulic Presses with triple action are capable to bring revolution in deep draw process. This is a high production press with high speed, 4 pillar type, used for long draw operation of sheet metal component. The triple action hydraulic press is fully equipped with PLC or LVDT depth control, automatic photo sensor and electronic safety guard. Triple action hydraulic presses are used for long draw components which requires two times drawing, but in this machine long draw can be done at a time. We manufacture two types of triple action hydraulic press.

- 4 Pillar Type Triple Action Hydraulic Press
- Frame Type Triple Action Press



Hydraulic Cutting Press

We are globally known for our high quality hydraulic cutting press. Our hydraulic cutting presses are efficient for cutting at constant speed with cutting angle set to suit material, thickness minimizes the distortion of cut sheets. Fabricated out of best quality and durable materials, hydraulic cutting press facilitates superb quality in downstream operations viz. pressing, punching, bending and drawing. We manufacture and supply hydraulic cutting press to all our customers in India as well as to the International clients.

Hydraulic Forming Press

Our hydraulic forming press has highly robust construction with eight point long slide guide for perfect guiding with centralized lubrication system, water cooled heat exchanger and PLC control. This is equipped with rubber tool bolster and is mainly used for making of aluminum and stainless steel products against rubber pads. Our hydraulic forming presses also features advanced hydro electronic control which gives better quality products with more production rate. Hydraulic forming press is available up to 4000 Ton Capacity as per the customer's requirements.



Technical Specifications

MODEL NO.	CAP. (TON)	Main Cyl. Cap. (mm)	Blank Holder cap (mm)	Bolster Size (mm)	Day-Light Gap	Blank Holder Stroke	Main Cyl. Stroke	Motor H.P.	Ejector Cyl. Cap. (Tons)
V R A-150	150	75	75	700x700	600	300	550	7.5x1	10
V R A-250	250	150	150	900 X 900	600	300	550	10x1	15
V R A-400	400	200	200	1200 X 1200	750	400	700	20x1	20
V R A-500	500	250	250	1200 X 1500	800	450	750	20x1	20
V R A-500	500	250	250	1200 X 1800	800	450	750	25x1	20
V R A-600	600	300	300	1500 X 1800	900	450	850	20x2	25
V R A-800	800	400	400	1800 X 1800	1000	500	900	30x2	25
V R A-1000	1000	500	500	2000 X 2000	1200	600	1100	40x2	25

Note:

- » Hydraulic Forming Press is available up to 4000 Ton Capacity as per the customer's specific requirements
- » Hydraulic Forming Press will be available with Pillar / Gate / Frame Type
- » High Capacity press will be preferred in column type.
- » Hydraulic Forming Presses are manufactured as per the customer requirement.

Hydraulic Press for Induction



The Hydraulic Press for Induction is manufactured at our end in conformation with advanced technological standards. These presses are used for molding hardware, mold copying and many more applications. The machine is used for pressing sliced stainless steel on to the induction coil. It comprises of fast supercharge cylinder, independent cooling system with main cylinder and can be safe and convenient to operated. The machine is operated on two modes, manual mode and semi auto control mode.

Technical Specifications

DESCRIPTION CAPACITY	UNIT TON	HYDRAULIC V R A 700 700	INDUCTION V R A 1000 1000	PRESS V R A 1500 1500	V R A 2000 2000	V R A 250 2500
MAX. STROKE OF BED	MM	200/50	150/50	250/50	250/50	200/50
MAX. OPEN HEIGHT	MM	500/200	360/100	560/200	600/200	480/100
BED AREA (LR X FB)	MM	820x820	860x860	920x920	1060x1060	1400x1400
BED UP SPEED	MM/S	80	110	80	80	80
MOTOR OUTPUT	KW	15	22	37+3	37+3	45+3
OVERALL SIZE (L-R)	MM	1650	1660	1700	2190	2950
OVERALL SIZE (F-B)	MM	1585	1700	2050	2465	2375
OVERALL SIZE (H)	MM	2400	2365	810	3410	3650
NOMINAL WORKING PRESSURE	Bar	250	250	390	400	400



C-Frame Hydraulic Press

Our C-Frame Hydraulic Presses have rigid and sturdy steel welded construction for minimum deflection of the frame. They are compact with an inbuilt hydraulic power pack for multi productivity and operated with most advanced Electronic control (PLC). C-Frame press manufactured by us, are easy to install, economical and operate with high speed. C-frame hydraulic presses are being used for wide array of jobs like straightening, punching, molding, bending, drawing, assembling, riveting and other general purposes.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	WORK PRESSURE KG/CM ²	MOTOR H.P MAX.
V R A-10	10	200 X 200	250	200	90	160	2
V R A-25	25	250 X 250	300	250	140	170	3
V R A-50	50	400 X 400	400	300	180	210	5
V R A-75	750	450 X 400	400	300	220	210	7.5
V R A-100	100	500 X 400	500	400	250	210	10
V R A-150	150	600 X 450	600	450	300	215	15
V R A-200	200	800 X 500	750	500	350	210	15
V R A-300	300	1200X800	800	500	450	210	20

Note:

- » C-Frame hydraulic press can be used for simple pressing / coining / stamping / binding etc. and also for die cushion, induction table & rubber molding.
- » In case of die-cushion, die cushion cylinder with other system will be provided.
- » In case of rubber molding, heating provision in working platen can be provided.
- » According to the speed of the press, Motor H.P. can be changed
- » C-Frame hydraulic presses can be supplied with
 - a. Die Cushion / Ejection
 - b. with pressure transmitter for precise pressure sensing



Solid Tyre Moulding Press

We design and supply an array of solid tyre moulding press, heavy duty four pillars type hydraulic presses are used in a multitude of industries across the globe. Solid tyre moulding presses features PLC, MMI and a specially designed low noise hydraulic power pads with cartridge valve for smooth change over of valves and PLC and MMI for the automation of hydraulic press cycle. Its four pillar support the moving bolster with gun metal bushes with a system of automatic centralized lubrication.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.
V R A-100	200	500x500	450	350	350	10
V R A-200	250	600x600	450	350	400	10
V R A-300	300	700x600	500	400	460	15
V R A-400	400	800 X 650	500	400	510	20
V R A-500	500	900 X 750	600	450	560	20
V R A-600	600	1000 X 800	600	450	610	25
V R A-800	800	1200 X 800	750	500	710	30
V R A-1000	1000	1350 X 1000	900	550	810	50
V R A-1200	1200	1500 X 1200	900	550	910	60
V R A-1500	1500	1800 X 1800	900	550	1000	75

Note:

- » Solid Tyre Molding Press is available upto 4000 Ton Capacity as per the Customer Requirements.
- » Solid Tyre Molding Presses are available in Pillar / Gate / H-Frame Type.
- » High Capacity press will be preferred in column type
- » Solid Tyre Molding Presses are manufactured as per the customer



Rubber Moulding Press

We are manufacturing fully automatic two station PLC control rubber molding presses and three station PLC control rubber molding presses with common power pack having advance technique of auto degassing or air breathing. Rubber molding presses are used to increase the production, improves the quality and save manpower, electric power, rejection time and space. Four pillar type rubber molding press is helpful to increase the production, improve the quality and save manpower, electric power, rejection, time and space.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.
V R A-50	50	250 X 250	200	150	180	3
V R A-100	100	350 X 350	300	250	250	5
V R A-150	150	450 X 450	400	300	300	7.5
V R A-200	200	500 X 500	450	350	350	10
V R A-250	250	600 X 600	450	350	400	10
V R A-300	300	700 X 600	500	400	460	15
V R A-400	400	800 X 650	500	400	510	20
V R A-500	500	900 X 750	600	450	560	20
V R A-600	600	1000 X 800	600	450	610	25
V R A-800	800	1200 X 800	750	500	710	30
V R A-1000	1000	1350 X 1000	900	550	810	50

Note:

- » Rubber Molding Press can be designed Pillar / Gate-H Frame Type
- » Rubber Molding Presses can have Multi Daylights (1,2,3,4)
- » Rubber Molding Press can have Multi Station (1,2,3,4)
- » For Multi Station Press, Motor H.P. will change accordingly



Hydraulic Moulding Press

Our Hydraulic Molding Press is designed to increase the production and is suitable for brake lining, rubber components like rubber mats, mica, rubber auto components, plywood pressing, wax filtration, rubber flaps, scooter mats, etc. with multi production. Its most special feature is the mechanical scissor arrangement which saves time of air breathing/multi degassing. Hydraulic Molding Presses are also equipped with advance technique of adjustable air breathing system. Our range of hydraulic molding press is available in two types:

- Scissor Type Two Daylight Hydraulic Molding Press
- Multi Daylight 2 Station Hydraulic Molding Press

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.
V R A-50	50	250 X 250	200	150	180	3
V R A-100	100	350 X 350	300	250	250	5
V R A-150	150	450 X 450	400	300	300	7.5
V R A-200	200	500 X 500	450	350	350	10
V R A-250	250	600 X 600	450	350	400	10
V R A-300	300	700 X 600	500	400	460	15
V R A-400	400	800 X 650	500	400	510	20
V R A-500	500	900 X 750	600	450	560	20
V R A-600	600	1000 X 800	600	450	610	25
V R A-800	800	1200 X 800	750	500	710	30
V R A-1000	1000	1350 X 1000	900	550	810	50

Note:

- » Hydraulic Molding Press is available upto 4000 Ton Capacity as per the Customer Requirements.
- » Hydraulic Molding Presses will be available in Pillar / Gate / H-Frame Type.
- » High Capacity press will be preferred in column type
- » Hydraulic Molding Press will be manufactured as per the customer requirements

Hydraulic Hot Moulding Press



Hydraulic Hot Moulding Press are specially designed for optimum production of simple and intricate hot moulding of brake lining components with ejection facility. Hydraulic Hot Moulding Presses have soft opening immediately after the curning period to minimize any jerky movement which may cause damage to the components that is being molded. **VRA** also manufacture hydraulic hot molding press as per the customer's requirements.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.
V R A-50	50	250 X 250	200	150	180	3
V R A-100	100	350 X 350	300	250	250	5
V R A-150	150	450 X 450	400	300	300	7.5
V R A-200	200	500 X 500	450	350	350	10
V R A-250	250	600 X 600	450	350	400	10
V R A-300	300	700 X 600	500	400	460	15
V R A-400	400	800 X 650	500	400	510	20
V R A-500	500	900 X 750	600	450	560	20
V R A-600	600	1000 X 800	600	450	610	25
V R A-800	800	1200 X 800	750	500	710	30
V R A-1000	1000	1350 X 1000	900	550	810	50

Note:

- » Hot Moulding Press is available upto 4000 Ton Capacity as per the Customer Requirements.
- » The Hot Moulding Press will be available in Pillar / Gate / H-Frame Type.
- » High Capacity press will be preferred in column type
- » Hydraulic Hot Moulding press will be manufactured as per the customer requirements



Hydraulic SMC Moulding Press

We offer Hydraulic SMC Moulding Press that are specially designed for optimum production of simple and intricate molding of Bakelite, Malamine, DMC/SMC with ejection facility. Our SMC Moulding Press can be availed in fully automatic and semi-automatic models. The soft opening just after the curning point helps in avoiding jerk movements. Our Hydraulic SMC moulding presses are available with electric heaters and control panels backed by a digital temperature controller.

These SMC Moulding Press and Hydraulic SMC Moulding Press are highly productive, durable and can be availed in capacities ranging from 30 ton to 4000 ton as per the requirements.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/RAM DIA (MM)	TRANSFER CYL. CAP. (MM)	TRANSFER CYL. STR. OKE (MM)	PRESS-URE KG/CM ²	MOTOR H.P MAX.
V R A-100	100	400 X 400	400	250	250	40	150	210	5
V R A-150	150	500 X 500	500	350	300	60	200	215	7.5
V R A-200	200	600 X 600	500	350	350	80	200	210	10
V R A-250	250	750 X 600	500	350	400	100	250	210	15
V R A-300	300	800 X 600	600	400	430	120	250	210	15
V R A-400	400	900 X 750	600	400	510	160	250	215	20
V R A-500	500	1000 X 800	600	400	560	200	250	210	25
V R A-600	600	1200 X 900	900	500	610	240	300	210	30
V R A-800	800	1500X1000	1200	600	710	320	300	210	50
V R A-1000	1000	1800X1000	1500	800	810	400	400	210	75
V R A-1200	1200	2000X1200	1500	800	810	400	400	210	75

Note:

- » Hydraulic SMC Moulding Press is available upto 4000 Ton Capacity as per the Customer Requirements.
- » Hydraulic SMC Moulding Press are available in Pillar / Gate / H-Frame Type.
- » High Capacity press will be preferred in column type
- » The press will be manufactured as per the customer requirements

Hydraulic Hot Molding Press for Brake Lining



Our Hydraulic Hot Molding Presses are fabricated for hot molding of carbon powder for brake lining, pallets, brake shoes, disk pads, briquettes, etc. These presses are rigid, compact and high in speed mainly designed for Brake Lining Industries. These Hydraulic Molding Press are simple and easy in installment and incorporates latest technology to provide effective operations.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	NO. OF DAY LIGHT	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.
V R A-150	150	500 X 500	2	300 EACH	400	300	7.5
V R A-200	200	600 X 600	2	350 EACH	500	350	10
V R A-250	250	700 X 700	2	400 EACH	600	400	10
V R A-300	300	800 X 800	2	400 EACH	600	450	15
V R A-400	400	900 X 900	2	400 EACH	600	510	20
V R A-500	500	1000 X 1000	2	450 EACH	600	560	20
V R A-600	600	1200 X 1200	2	450 EACH	600	610	25
V R A-800	800	1200 X 800	2	750 EACH	500	710	30
V R A-1000	1000	1200 X 1200	2	900 EACH	550	810	35

Note:

- » The Press can be designed be available with Pillar / Gate / H-Frame Type
- » The Press can have mullidae lights (1,2,3,4)
- » The press can be multi station(1,2,3,4)
- » For multistation press, motor h.p. will change accordingly



Transfer Molding Press

Our Hydraulic Molding Press is designed to increase the production and is suitable for brake lining, rubber components like rubber mats, mica, rubber auto components, plywood pressing, wax filtration, rubber flaps, scooter mats, etc. with multi production. Its most special feature is the mechanical scissor arrangement which saves time of air breathing/multi degassing. Hydraulic Molding Presses are also equipped with advance technique of adjustable air breathing system. Our range of hydraulic molding press is available in two types:

- Scissor Type Two Daylight Hydraulic Molding Press
- Multi Daylight 2 Station Hydraulic Molding Press

We are one of the leading manufacturer of a wide range of transfer molding press and hydraulic transfer molding press. Transfer molding presses are specially designed for optimum production of simple and intricate transfer molding of Malemine, SMC, Bakelite, DMC with ejection facility and soft opening just after the churning period to avoid jerky movement which might damage the component being molded.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	TRANSFER CYL. CAP. (MM)	TRANSFER CYL. STR. OKE (MM)	PRESS-URE KG/CM ²	MOTOR H.P MAX.
V R A-100	100	400 X 400	400	250	250	40	150	210	5
V R A-150	150	500 X 500	500	350	300	60	200	215	7.5
V R A-200	200	600 X 600	500	350	350	80	200	210	10
V R A-250	250	750 X 600	500	350	400	100	250	210	15
V R A-300	300	800 X 600	600	400	430	120	250	210	15
V R A-400	400	900 X 750	600	400	510	160	250	215	20
V R A-500	500	1000 X 800	600	400	560	200	250	210	25
V R A-600	600	1200 X 900	900	500	610	240	300	210	30
V R A-800	800	1500X1000	1200	600	710	320	300	210	50
V R A-1000	1000	1800X1000	1500	800	810	400	400	210	75

Note:

- » Transfer Molding Press is available upto 4000 Ton Capacity as per the Customer Requirements.
- » Transfer Molding Press will be available in Pillar / Gate / H-Frame Type.
- » High Capacity press will be preferred in column type
- » Transfer Molding Presses will be manufactured as per the customer requirements

Vacuum Compression Moulding Press

We manufacture vacuum molding press as per customer specification. Our vacuum compression molding presses are great in quality, highly efficient, reliable and durable.

We are one of the prominent manufacturers and exporters of Vacuum Compression Moulding Press. Our Vacuum Moulding Presses effectively reduce the air pockets in mold during rectification process and make the finished product of high quality and free from defects. Moulding Press in a vacuum significantly reduce the cost of production of the manufacturing process. Our Moulding Presses are extensively used in Rubber and Polymer Industries.



Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.
V R A-200	200	500 X 500	450	200	350	10
V R A-250	250	600 X 600	450	250	400	10
V R A-300	300	700 X 600	500	300	460	15
V R A-400	400	800 X 650	500	300	510	20
V R A-500	500	900 X 750	600	400	560	20
V R A-600	600	1000 X 800	600	450	610	25

Product Description:

Specifications:

Capacity/Tonnage: 100-500 Ton Single Station

Platen Size: 400 X 400 mm To Customize Size

Daylight And Stroke: 450 mm / 400 mm (50 mm Shut Height)

Ram Diameter: 200 mm

Speed Standard: 35 mm Up And 45 mm Return And Can Increase On Request

Heating: Electrical Heating/Steam Heating/Oil Heating

Control: Plc Control/Manual On Request



Compression Molding Press

We, along with our team of skilled professionals, are fabricating the most efficient compression molding press with four-pillar type construction for perfect guiding of moving bolster for better performance. Compression molding presses has compact design, single body, easy operating system. Compression Molding Presses also possess long slide guide with lubrication system for better accuracy which makes it the most suitable for molding of urea, rubber fiber, melamine, etc. Our range of compression molding presses are available in
- 4 Pillar Type Compression Molding Press

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	TRANSFER CYL. CAP. (MM)	TRANSFER CYL. STR. OKE (MM)	PRESS-URE KG/CM ²	MOTOR H.P MAX.
V R A-100	100	400 X 400	400	250	250	40	150	210	5
V R A-150	150	500 X 500	500	350	300	60	200	215	7.5
V R A-200	200	600 X 600	500	350	350	80	200	210	10
V R A-250	250	750 X 600	500	350	400	100	250	210	15
V R A-300	300	800 X 600	600	400	430	120	250	210	15
V R A-400	400	900 X 750	600	400	510	160	250	215	20
V R A-500	500	1000 X 800	600	400	560	200	250	210	25
V R A-600	600	1200 X 900	900	500	610	240	300	210	30
V R A-800	800	1500X1000	1200	600	710	320	300	210	50
V R A-1000	1000	1800X1000	1500	800	810	400	400	210	75
V R A-1200	1200	2000X1200	1800	1000	860	500	450	210	100

Note:

- » Compression Molding Press is available upto 4000 Ton Capacity as per the Customer Requirements.
- » Compression Molding Press will be available in Pillar / Gate / H-Frame Type.
- » High Capacity press will be preferred in column type
- » Compression Molding Presses are manufactured as per the customer requirements



Powder Compacting Press

Hydraulic Powder Compacting Press is ideally suited for powder compaction applications. **V R A**Powder Compacting Press is capable of forming complex shape moulded parts with uniform density throughout a varying cross section and can handle different range of powder materials. In these presses, powder is pushed into cavity and the compound into the shape of the product. Powder Compacting Press is used in various industries viz. tabled making, brake lining etc

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.	PRESS-URE KG/CM ²
V R A-25	25	250 X 250	250	200	150	3	210
V R A-50	50	300 X 300	300	250	200	5	215
V R A-100	100	400 X400	400	300	250	5	210
V R A-150	150	500 x 400	500	400	300	10	210
V R A-200	200	600 X 500	600	450	350	15	210
V R A-250	250	750 x 600	600	450	400	15	210
V R A-300	300	750 X 600	600	450	460	20	210
V R A-400	400	900 X 750	750	600	510	25	210
V R A-500	500	1000 X 800	750	600	560	30	210



Hydraulic Squeezing Press

We are one of the leading manufacturers of hydraulic squeezing presses. These hydraulic squeezing presses are manufactured using the finest quality materials that are procured from the most reliable sources in the market. Our range of hydraulic squeezing presses are widely appreciated by our reputed clients for its superior quality and durability and is available at a competitive market price. These hydraulic squeezing presses are custom made as per our clients specification.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.	PRESS-URE KG/CM ²
V R A-25	25	250 X 250	250	200	150	3	210
V R A-50	50	300 X 300	300	250	200	5	215
V R A-100	100	400 X400	400	300	250	5	210
V R A-150	150	500 x 400	500	400	300	10	210
V R A-200	200	600 X 500	600	450	350	15	210
V R A-250	250	750 x 600	600	450	400	15	210
V R A-300	300	750 X 600	600	450	460	20	210
V R A-400	400	900 X 750	750	600	510	25	210
V R A-500	500	1000 X 800	750	600	560	30	210

Note:

The Press Is Available Up To 2000 Ton Capacity As Per The Customer Requirement.

The Press Can Be Used For Squeezing / Powder Compacting / Briquitting Etc.

The Press Can Be Manufactured As Per Customer Requirement.

According To The Speed Of The Press, Motor H.P Can Be Changed.

A) With Pressure Transmitter For Precise Pressure Sensing.

Hydraulic Plywood Press

We manufacture hydraulic plywood press, machine as per customer's specification. These hydraulic plywood presses are manufactured using the finest quality materials that are procured from the most reliable sources in the market. Our range of hydraulic plywood presses are manufactured in superior quality and durability and is available at a competitive market price. These hydraulic plywood presses are available in various capacities such as:



Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	NO. OF DAY LIGHT	DAY LIGHT GAP (MM)	STROKE (MM)	NO. OF CYL.	BORE/ RAM DIA (MM)	WORKING PRESSURE KG/CM ²	MOTOR H.P MAX.
V RA-600	600	2000 X 1200	8 NOS.	130 EACH	600	8 NOS.	220	210	25
V RA-800	800	2600X1300	8 NOS.	130 EACH	600	8 NOS.	250	210	25
V RA-1000	1000	2600X1300	8 NOS.	130 EACH	600	8 NOS.	280	210	30

Note:

The Press Can Be Designed Gate / H-Frame Type & As Per Customer Requirment.
The Press Can Have Multi Daylights (1 To 8).

Hydraulic Power Pack

V R A hydraulic power pack and hydraulic power pack unit are designed taking in view the fast growing requirement for low cost, reliability, flexibility and other trends prevailing in the market. It can be met by permutations of the various size of the motors, tanks, pumps etc. All power pack unit will be used standard make as Vickers, Yuken, Rexroth, Polyhydron etc.





Hydraulic Lab Testing Machine

V R A hydraulic lab testing machines are designed to meet the customer's need for a compact and high efficiency material life tester. Hydraulic testing machines operate very easily meeting the requirement to be ultra quiet for test lab use. The unit delivers accurate results. Customer supplied electronic logic circuitry and motor starter were incorporated into the assembly.

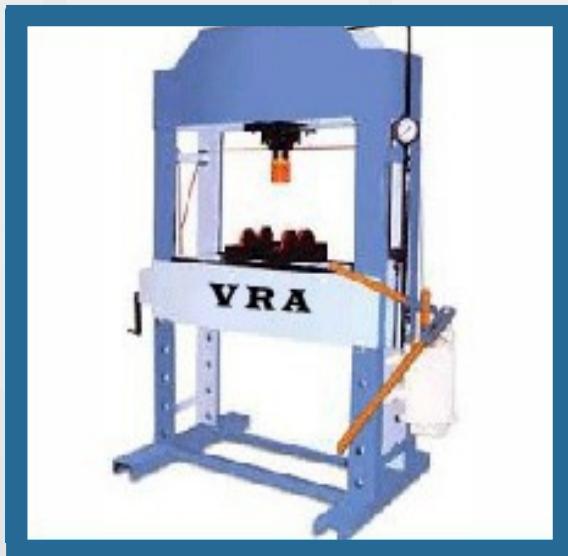
Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	WORK PRESSURE KG/CM ²	MOTOR H.P MAX.
V R A-10	10	200 X 200	250	250	90	160	2
V R A-25	25	250 X 250	300	300	140	170	3
V R A-50	50	300 X 300	400	350	180	210	5
V R A-75	75	400 X 350	400	400	220	210	7.5
V R A-100	100	450 X 400	450	450	250	210	10



Hydraulic Cylinders

A Hydraulic cylinder is a mechanical actuator that is used to give a unidirectional force through a unidirectional stroke. It has many applications, notably in engineering vehicles. We are one of the leading manufacturers of hydraulic cylinders. These hydraulic cylinders are manufactured using the finest quality materials that are procured from the most reliable sources in the market. Our range of hydraulic cylinders are widely appreciated by our reputed clients for its superior quality and durability and is available at a competitive market price.



Lab Testing Machine

We offer a range of lab testing machines and Lab Testing Machines that are designed to meet the customer's need for a compact and high efficiency material life tester. Our Hydraulic testing machines operate very easily meeting the requirement to be ultra quiet for test lab use, delivering accurate results. We also incorporate the customer supplied electronic logic circuitry and motor starter into the assembly.

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	WORK PRESSURE KG/CM ²	MOTOR H.P MAX.
V R A-10	10	200 X 200	250	250	90	160	2
V R A-25	25	250 X 250	300	300	140	170	3
V R A-50	50	300 X 300	400	350	180	210	5
V R A-75	75	400 X 350	400	400	220	210	7.5
V R A-100	100	450 X 400	450	450	250	210	10

Note:

The Press Can Be Supplied With

- A) Die Cushion / Ejection.
- B) With Pressure Transmitter For Precise Pressure Sensing.
- C) With Load Cell & L.V.D.T For Precise Load & Stroke Control Sensing.



Hydraulic Preforming Press

We manufacture high quality hydraulic preforming press of two types: 4 pillar type preforming press and C-frame type preforming press. Our machines are specially designed for preforming of carbon powder for brake lining, disk pads brake shoes, briquette/ pallets industries, compacting / preforming and manufacturing non-ferrous, iron based, anti friction powder components. All these machines are compact, high speed and effective

Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	BORE/ RAM DIA (MM)	MOTOR H.P MAX.
V R A-60	60	300 X 300	400	300	200	5
V R A-100	100	400 X 400	400	300	250	7.5
V R A-150	150	600 X 500	500	400	300	7.5
V R A-200	200	700 X 600	500	400	350	10
V R A-250	250	750 X 750	600	400	400	15
V R A-300	300	900 X 900	600	400	450	20
V R A-400	400	1000 X 1000	700	400	510	25

Note:

- » Hydraulic Preforming Press can be designed be available with Pillar / Gate / H-Frame Type
- » Hydraulic Preforming Presses have multiday lights (1,2,3,4)
- » Hydraulic Preforming Press can be multi station(1,2,3,4)
- » For multistation press, motor h.p. will change accordingly

Hydraulic Hot & Cold Press

We are one of the leading manufacturers of hydraulic hot and cold press for R&D. These hydraulic presses are manufactured using the finest quality materials that are procured from the most reliable sources in the market. Our range of hydraulic presses are widely appreciated by our reputed clients for its superior quality and durability and is available at a competitive market price. These hydraulic presses are custom made as per our clients specification and is available in various capacities.



Technical Specifications

MODEL NO.	CAP. TON	PLATEN SIZE (MM)	DAY LIGHT GAP (MM)	STROKE (MM)	MOTOR H.P MAX.
V R A-25	25	250 X 250	200	150	2
V R A-50	50	300 X 300	250	180	3
V R A-75	75	350 X 350	250	220	5
V R A-100	100	400 X 400	300	250	7.5

Note:

- » The press has the facility to heat and cool the platen in control manner.
- » The heating and cooling of the platen will be controlled through plc.
- » Also the pressure of the machine will be controlled through plc.
- » The temperature and pressure of the machine should be synchronized and control through plc.
- » The press can be manufactured as per customer requirement

Hydraulic Shearing Machine

We are leading and well recognized names in the field of offering precision designed and optimum functionality based Hydraulic Shearing machines. These are technically advanced shearing machines and are made available by us in capacities ranging from 0.5 mm. to 20 mm (thickness) and 1250 to 6000 mm in (lengths). These technically advanced hydraulic shearing machines also incorporate precision constructed and welded frame as well as Electro hydraulic overload protection and other safety features so as to ensure complete safety is provided to the user. The use of hardened & ground roller guide (EN 31) also ensures better quality of cutting standards.

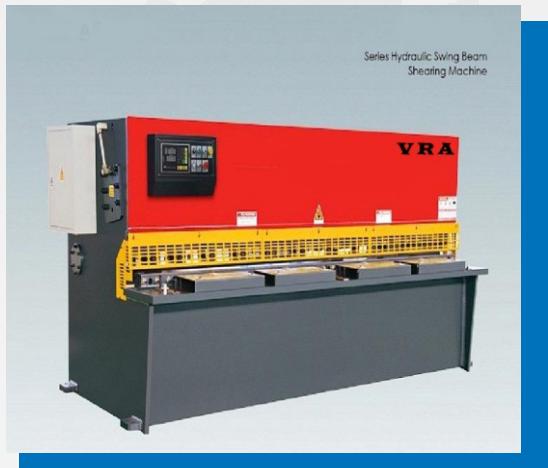
The simple design with swing beam upper blade as well as strong rigid frames with constant minimum rake angle also helps in ensuring that sheared blanks are precisely cut within minimum of :

Bow twist

Camber



Hydraulic Shearing Machine



Hydraulic Sheet Bending Machine

Product Description:

Hydraulic Sheet Bending Machine

Hydraulic Sheet Bending Machines are ideally suitable for large production & speedy sheet bending.

Hydraulic Sheet Bending Machines are manufactured with latest trend in international standard and as per the requirement of the sheet metal industries. these machines are very accurate to bend different shapes in different angle by using standard v block.



Salient Feature:-

Available in different capacities.

Bending capacity 1200mm to 3000mm sheet length.

Rigid, robust, solid steel plate welded interlock frame.

Synchronized operated hydraulic cylinders mounted on the rear side of the machine to make enough preparation for the balance between ram & table.

Motorized power pack from reputed components with electric motor of abb, ngef, and gec etc.

Hydraulic pumps & control valves are of reputed make like yuken, dowty, and polyhydron etc.

Control panel & limit switches are provided for smooth operation.

Push button or hand leaver operation provided on customer's requirement.

Note:- Design, type, specification are provided at the time of enquiry.

Hydraulic Sheet Bending Machine



Hydraulic Press Braek

Catering to the necessities of various industrial applications, we have been manufacturing a wide range of Hydraulic Press Brake Machine. Hydraulic Press Brake Machines are exactly engineered and are known for offering best performance even in rugged conditions. The Hydraulic Press Brake Machines are ideal for Heavy-duty Applications In Gears, Couplings, Bearings, Wheels And Pulleys. In addition, we also offer necessary attachments to simplify the working of the Hydraulic Pullers.

Product Description:

Competitive price and best quality is the prominent factors of our Hydraulics Press Brakes that are used for bending metal sheets and plates. These are fabricated using high grade material and are also available in customized forms as per the specifications laid down by our clients. We offer these press brakes at competitive prices.



Hydraulic Press Braek

Features:

Repetitive accuracy is within 0.03 mm

Three cycles of operation

Inch-single-continuous cycles for greater operator convenience

Full powered stroke make machine suitable for general sheet metal press work

Three speeds reduce idle travel time, improves productivity

Instant ram stoppage prevents accidents and job rejections

Noiseless operation and least impact loads on tools and foundations

Less power consumption, least wear and maintenance reduces operating costs and down time

Applications:



Standard Features

Fast, Precise Metal Forming

Accurate, Reliable, Affordable

Superior Hydraulics system

Overload protection system

Front sheet support fixtures

Adjustable Stroke and Speed Controls

Other Important Features

Standard Features of N series press brake

NC System : Cybelec or Delta

Power Pack

Hydraulic Cylinders

VRA Our range of hydraulic cylinders & hydraulic jacks are known for their quality, reliability & performance. We offer both welded hydraulic cylinders & tie rod hydraulic cylinders, and welded hydraulic jacks as well as tie rod hydraulic jacks.

Our hydraulic cylinders are devised under strict supervision. These are suitable for varying critical applications, viz. atomic, hydro and thermal power plants, defense, aerospace-industries, railways, etc. We use international quality seals in our industrial hydraulic cylinders and industrial hydraulic jacks, that are self-adjusting and are suitable for long





HYDRAULIC JACK AND HIGH CAPACITY CYLINDER(UPTO 50 TON)

Technical Specification: -

Sizes: -

Diameter - from 40 mm upto 300 mm

Stroke - Upto 4000 mm.

Pressure (Max) - 315 Bar

Cobstriction - Welded and Tie Rod Type

Application: -

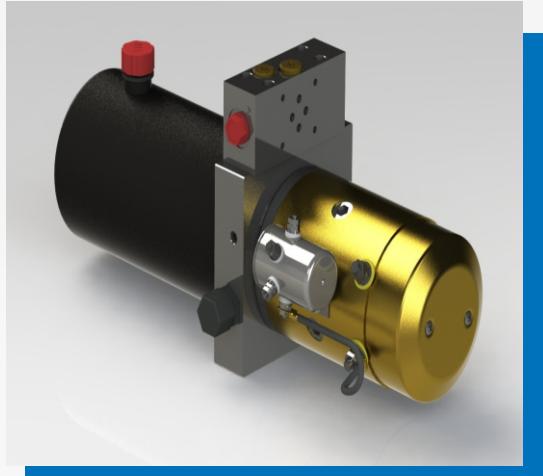
Steel Mill

Construction Equipment

Machine Tool

Press Industries

Injection Moulding Machines





Vra Engineering Works

MANUFACTURING & MAINTENANCE

**Mfg. of Steel Rolling Mills Equipments, Tube Mills Equipments,
Hydraulic Cylinder And Hydraulic Press**



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