

Clients

We have a wide network of distributors and offices, which are always there to assist our clients in meeting all of their requirements with utmost precision and within time. Our teams of technically sound sales persons ensure prompt delivery of goods and provide friendly assistance with round the clock services to our valued customers.

"Partial clientele....More than 900 "Installations"



50, Abhishek Industrial Estate, B/H Shabri Restaurant,
Odhav Ring Road Circle, Odhav, Ahmedabad-382415, Ph : +91 2280 22 44
Email : info@ipanmachineries.com / info@ipwenglab.com
Web : www.ipanmachineries.com / www.ipanmachineries.in
Mr. Nish Panchal + 91 9899027584 / Mr. Arkit Patel +91 8141062663

BETTER FABRICATION SOLUTIONS

CHITRA GRAPHIC TECHNOLOGY



Since 2007

"An ISO 9001:2008 certified company"

HYDRAULIC SHEARING MACHINE (IP HVR) SERIES

iPan Machineries (India) Pvt. Ltd.



- Accurate right angle welded ultrasonically tested IS 2062 IS grade steel plates for structure of machine for stable & stress free performance of shearing.
- RAM & TABLE designed to give maximum strength while operating by the box type structure
- Accurate mounting of RAM to use adjustable rake angle for Tensile Free Shears.
- Hydt. Hold down gives calculated clamping force to avoid slippage and misalignment of material.
- Hydraulic Blade suitable for shearing of MS & SS.
- Right Angle Front Square Arm and guiding chopper mounted on.
- Safety figure to avoid injuries.



- Hydraulic design circuit using ISO standard international quality components gives continuous cycle for smooth, silent & jerk free operations.



- Operating panel including various features such as, LED Lights, EMVBL, Emergency Push OFF, Rake Angle adjustment, Machine ON/OFF, Back Gauge adjustment etc.



Ragne : 3 mm to 25 mm

Length : 1250 mm to 7000 mm



- International quality electrical components ensure trouble free operation over a period of time.



- Accurate distance positioning Back Gauge with various drive option using standard quality ISO grade material



- Optional Roll Transfer Table / Transfer bar instead as per requirement for fast, smooth & less lifting weight of material.
- Degree Shearing arrangement for taper shearing and long width material nesting arrangement



- The latest and easiest Pre-Calibrated blade clearance setting for burr free Shearing.

PC HYDRAULIC SHEARING MACHINE (IP PC HVR) SERIES



- High integration of functions fitted out with a vivid high-contrast colour screen and simplified touch software with large keys.
- Easy Operating through Large colour touch screen for an intuitive programming, help and warning pop up.
- Automatic cutting length by potentiometer.
- Automatic back gauge correction.
- Automatic Blade Angle adjustment.



- Back gauge using hardened ground ball screw with better position accuracy in mm.
- Linear motion bearing for smooth & accurate guiding.
- Various drives interface like two-speed motor, stepper motor or AC servo motor with drive
- Optional trimmings drive

Model	Cutting Length in Mill	Shearing capacity (mm)			Normal Blade Angle in Degree	Blade Angle Range in Degree	Blade Angle Offset per Mill	No. of Heat treats	HRRPG Force in Kp	Power in HP	Feeding Dimension (x width) in MM
		Max. Normal Rate	Max. Blade Angle	Max. Rate							
IP HVR 210	1500	2	3.15	1	1.6	1	0.5-2	20	13	8	2100x1300x1750
IP HVR 220	2000	2	3.15	1	1.6	1	0.5-2	24	16	10	2100x1300x1750
IP HVR 235	2500	2	3.15	1	1.6	1	0.5-2	30	20	13	2600x1300x1750
IP HVR 250	3000	2	3.15	1	1.6	1	0.5-2	36	24	16	3000x1300x1750
IP HVR 315	1500	3.15	4	2	3.15	1.6	0.5-2	24	16	8	2100x1300x2050
IP HVR 320	2000	3.15	4	2	3.15	1.6	0.5-2	28	20	10	2100x1300x2050
IP HVR 325	2500	3.15	4	2	3.15	1.6	0.5-2	36	24	13	2600x1300x2050
IP HVR 330	3000	3.15	4	2	3.15	1.6	0.5-2	42	28	16	3000x1300x2050
IP HVR 340	4000	3.15	4	2	3.15	1.6	0.5-2	52	36	20	3400x1300x2050
IP HVR 415	1500	4	5	3	4	1.6	0.5-2	28	18	8	2100x1300x2350
IP HVR 420	2000	4	5	3	4	1.6	0.5-2	32	20	10	2100x1300x2350
IP HVR 430	2500	4	5	3	4	1.6	0.5-2	36	24	13	2600x1300x2350
IP HVR 435	3000	4	5	3	4	1.6	0.5-2	42	28	16	3000x1300x2350
IP HVR 430	3000	4	5	3	4	1.6	0.5-2	42	28	16	3000x1300x2350
IP HVR 440	4000	4	5	3	4	1.6	0.5-2	52	36	20	3400x1300x2350
IP HVR 450	5000	4	5	3	4	1.6	0.5-2	62	42	24	3800x1300x2350
IP HVR 415	1500	4	5	3	4	1.6	0.5-2	28	18	8	2100x1300x2150
IP HVR 420	2000	4	5	3	4	1.6	0.5-2	32	20	10	2100x1300x2150
IP HVR 425	2500	4	5	3	4	1.6	0.5-2	36	24	13	2600x1300x2150
IP HVR 430	3000	4	5	3	4	1.6	0.5-2	42	28	16	3000x1300x2150
IP HVR 435	3500	4	5	3	4	1.6	0.5-2	48	32	18	3400x1300x2150
IP HVR 440	4000	4	5	3	4	1.6	0.5-2	52	36	20	3800x1300x2150
IP HVR 450	5000	4	5	3	4	1.6	0.5-2	62	42	24	4200x1300x2150
IP HVR 460	6000	4	5	3	4	1.6	0.5-2	72	50	28	4600x1300x2150
IP HVR 470	7000	4	5	3	4	1.6	0.5-2	82	58	32	5000x1300x2150
IP HVR 480	8000	4	5	3	4	1.6	0.5-2	92	66	36	5400x1300x2150
IP HVR 490	9000	4	5	3	4	1.6	0.5-2	102	74	40	5800x1300x2150
IP HVR 510	10000	4	5	3	4	1.6	0.5-2	112	82	44	6200x1300x2150
IP HVR 520	11000	4	5	3	4	1.6	0.5-2	122	90	48	6600x1300x2150
IP HVR 530	12000	4	5	3	4	1.6	0.5-2	132	98	52	7000x1300x2150
IP HVR 540	13000	4	5	3	4	1.6	0.5-2	142	106	56	7400x1300x2150
IP HVR 550	14000	4	5	3	4	1.6	0.5-2	152	114	60	7800x1300x2150
IP HVR 560	15000	4	5	3	4	1.6	0.5-2	162	122	64	8200x1300x2150
IP HVR 570	16000	4	5	3	4	1.6	0.5-2	172	130	68	8600x1300x2150
IP HVR 580	17000	4	5	3	4	1.6	0.5-2	182	138	72	9000x1300x2150
IP HVR 590	18000	4	5	3	4	1.6	0.5-2	192	146	76	9400x1300x2150
IP HVR 600	19000	4	5	3	4	1.6	0.5-2	202	154	80	9800x1300x2150
IP HVR 610	20000	4	5	3	4	1.6	0.5-2	212	162	84	10200x1300x2150
IP HVR 620	21000	4	5	3	4	1.6	0.5-2	222	170	88	10600x1300x2150
IP HVR 630	22000	4	5	3	4	1.6	0.5-2	232	178	92	11000x1300x2150
IP HVR 640	23000	4	5	3	4	1.6	0.5-2	242	186	96	11400x1300x2150
IP HVR 650	24000	4	5	3	4	1.6	0.5-2	252	194	100	11800x1300x2150
IP HVR 660	25000	4	5	3	4	1.6	0.5-2	262	202	104	12200x1300x2150
IP HVR 670	26000	4	5	3	4	1.6	0.5-2	272	210	108	12600x1300x2150
IP HVR 680	27000	4	5	3	4	1.6	0.5-2	282	218	112	13000x1300x2150
IP HVR 690	28000	4	5	3	4	1.6	0.5-2	292	226	116	13400x1300x2150
IP HVR 700	29000	4	5	3	4	1.6	0.5-2	302	234	120	13800x1300x2150
IP HVR 710	30000	4	5	3	4	1.6	0.5-2	312	242	124	14200x1300x2150
IP HVR 720	31000	4	5	3	4	1.6	0.5-2	322	250	128	14600x1300x2150
IP HVR 730	32000	4	5	3	4	1.6	0.5-2	332	258	132	15000x1300x2150
IP HVR 740	33000	4	5	3	4	1.6	0.5-2	342	266	136	15400x1300x2150
IP HVR 750	34000	4	5	3	4	1.6	0.5-2	352	274	140	15800x1300x2150
IP HVR 760	35000	4	5	3	4	1.6	0.5-2	362	282	144	16200x1300x2150
IP HVR 770	36000	4	5	3	4	1.6	0.5-2	372	290	148	16600x1300x2150
IP HVR 780	37000	4	5	3	4	1.6	0.5-2	382	298	152	17000x1300x2150
IP HVR 790	38000	4	5	3	4	1.6	0.5-2	392	306	156	17400x1300x2150
IP HVR 800	39000	4	5	3	4	1.6	0.5-2	402	314	160	17800x1300x2150
IP HVR 810	40000	4	5	3	4	1.6	0.5-2	412	322	164	18200x1300x2150
IP HVR 820	41000	4	5	3	4	1.6	0.5-2	422	330	168	18600x1300x2150
IP HVR 830	42000	4	5	3	4	1.6	0.5-2	432	338	172	19000x1300x2150
IP HVR 840	43000	4	5	3	4	1.6	0.5-2	442	346	176	19400x1300x2150
IP HVR 850	44000	4	5	3	4	1.6	0.5-2	452	354	180	19800x1300x2150
IP HVR 860	45000	4	5	3	4	1.6	0.5-2	462	362	184	20200x1300x2150
IP HVR 870	46000	4	5	3	4	1.6	0.5-2	472	370	188	20600x1300x2150
IP HVR 880	47000	4	5	3	4	1.6	0.5-2	482	378	192	21000x1300x2150
IP HVR 890	48000	4	5	3	4	1.6	0.5-2	492	386	196	21400x1300x2150
IP HVR 900	49000	4	5	3	4	1.6	0.5-2	502	394	200	21800x1300x2150
IP HVR 910	50000	4	5	3	4	1.6	0.5-2	512	402	204	22200x1300x2150
IP HVR 920	51000	4	5	3	4	1.6	0.5-2	522	410	208	22600x1300x2150
IP HVR 930	52000	4	5	3	4	1.6	0.5-2	532	418	212	23000x1300x2150
IP HVR 940	53000	4	5	3	4	1.6	0.5-2	542	426	216	23400x1300x2150
IP HVR 950	54000	4	5	3	4	1.6	0.5-2	552	434	220	23800x1300x2150
IP HVR 960	55000	4	5	3	4	1.6	0.5-2	562	442	224	24200x1300x2150
IP HVR 970	56000	4	5	3	4	1.6	0.5-2	572	450	228	24600x1300x2150
IP HVR 980	57000	4	5	3	4	1.6	0.5-2	582	458	232	25000x1300x2150
IP HVR 990	58000	4	5	3	4	1.6	0.5-2	592	466	236	25400x1300x2150
IP HVR 1000	59000	4	5	3	4	1.6	0.5-2	602	474	240	25800x1300x2150
IP HVR 1010	60000	4	5	3	4	1.6	0.5-2	612	482	244	26200x1300x2150
IP HVR 1020	61000	4	5	3	4	1.6	0.5-2	622	490	248	26600x1300x2150
IP HVR 1030	62000	4	5	3	4	1.6	0.5-2	632	498	252	27000x1300x2150
IP HVR 1040	63000	4	5	3	4	1.6	0.5-2	642	506	256	27400x1300x2150
IP HVR 1050	64000	4	5	3	4	1.6	0.5-2	652	514	260	27800x1300x2150
IP HVR 1060	65000	4	5	3	4	1.6	0.5-2	662	522	264	28200x1300x2150
IP HVR 1070	66000	4	5	3	4	1.6	0.5-2	672	530	268	28600x1300x2150
IP HVR 1080	67000	4	5	3	4	1.6	0.5-2	682	538	272	29000x1300x2150
IP HVR 1090	68000	4	5	3	4	1.6	0.5-2	692	546	276	29400x1300x2150
IP HVR 1100	69000	4	5	3	4	1.6	0.5-2	702	554	280	29800x1300x2150
IP HVR 1110	70000	4	5	3	4	1.6	0.5-2	712	562	284	30200x1300x2150
IP HVR 1120	71000	4	5	3	4	1.6	0.5-2	722	570	288	30600x1300x2150
IP HVR 1130	72000	4	5	3	4	1.6	0.5-2	732	578	292	31000x1300x2150
IP HVR 1140	73000	4	5	3	4	1.6	0.5-2	742	586	296	31400x1300x2150
IP HVR 1150	74000	4	5	3	4	1.6	0.5-2	752	594	300	31800x1300x2150
IP HVR 1160	75000	4	5	3	4	1.6	0.5-2	762	602	304	32200x1300x2150
IP HVR 1170	76000	4	5	3	4	1.6	0.5-2	772	610	308	32600x1300x2150
IP HVR 1180	77000	4	5	3	4	1.6	0.5-2	782	618	312	33000x1300x2150
IP HVR 1190	78000	4	5	3	4	1.6	0.5-2	792	626	316	33400x1300x2150
IP HVR 1200	79000	4	5	3	4	1.6	0.5-2	802	634	320	33800x1300x2150
IP HVR 1210	80000	4	5	3	4	1.6	0.5-2	812	642	324	34200x1300x2150
IP HVR 1220	81000	4	5	3	4	1.6	0.5-2	822	650	328	34600x1300x2150
IP HVR 1230	82000	4	5	3	4	1.6	0.5-2	832	658	332	35000x1300x2150
IP HVR 1240	83000	4	5	3	4	1.6	0.5-2	842	666	336	35400x1300x2150
IP HVR 1250	84000	4	5	3	4	1.6	0.5-2	852	674	340	35800x1300x2150
IP HVR 1260	85000	4	5	3	4	1.6	0.5-2	862	682	344	36200

HYDRAULIC PRESS BRAKE MACHINE (IP PBR) SERIES

iPan Machineries (India) Pvt. Ltd.



- Accurate right angle welded ultrasonically tested IS 2062 IS grade steel plates for structure of machine for stable & stress free performance of right Angle Bending.
- RAM & TURE designed to give maximum strength while operating heavy vertical Plates with through machining precision.
- Accurate mounting of RAM by the highly precise PIN & SLIDERS @ each joint for smooth and fast operation of up & down.
- Collars @ each outer side of pins to lock it at its original position.
- Free piece adjustable Guide set with operating pins with brass flat mounted in side for smooth and equal operation for RH & LH.
- Five way V-Block and suitable Punch from the EN-32 Material for different thickness Bends.



- Hydraulic design circuit using ISO standard international quality components gives continuous cycle for smooth, silent & jerk free operations.



- Auto oiling arrangement @ each joint and Pin Bushes through Oil Caps.



Range : 20 MT to 600 MT

Length : 1250 mm to 7000 mm



- Movable operating panel including various features such as, LED lights (PWR), Emergency Push OFF, selector switch adjustment for required cycle type, Machine ON/OFF.



- International quality electrical components ensure trouble free operation over a period of time.



- Front operated Manual Back Gauge with Microsetting adjustment.

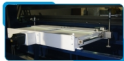


- Taper wedge setting for repetitive accuracy within 0.04mm.

PC HYDRAULIC PRESS BRAKE (IP PC PBR) SERIES



- High integration of functions fitted out with a vivid high-contrast colour screen and simplified touch software with largekeys.
- Easy Operating through Large colour touch screen for an intuitive, Programming, help and warning pop up.
- 128 Programs X 16 bendupor program storage.
- Automatic backspace correction.



- Back gauge using hardened ground ball screw with better position accuracy in microns.
- Linear motion bearing for smooth & accurate guiding.
- Various drives interface like two-speed motor, stepper motor or AC servo motor with drive
- Optional tooling/chuck drive

[illegible]

STANDARD ACCESSORIES

- **Max Drive Motor**
 - Backlash Compensated with selection of "WURO", "TACH" & "SINGLE CYCLE AUTO" mode operations.
- **Motorize work station with gear of foot switch**
- **Rate of Tilting Ends**
 - Rate of in/out support.
 - Free stroke adjustment rail with limit switch.
 - Manual brake gear with micro setting.
- **One suitable free way disc & Punch of 100 g² (enhanced and engineered)**
- **Compressed lubrication system with flow control valves for adequate lubrication**
- **Even tilting arrangement to selected modes**

STANDARD ACCESSORIES (INC. CONTROL)

- **Mini Drive Motor**
 - **rotation** (in 360°) & **tilt** (in 180°) made through screen.
 - Two sets dedicated controller with LCD screen/remote control & current loop.
 - 1.88 pole 1.8kW permanent magnet motor.
 - **Motor** make status online pair of real-time.
 - AC three motor with encoder for fast speed drive.
 - **Network** & **Control** for remote.
 - **Control** Motion Based on optical sensor.
 - **Highly** precise gain control travel scale for accurate F-axis position.
 - **Fast** of lifting load.
 - **Fast** of Motor rotation.
- **How** suitable for use as the 3D printer of the 10^{12} (enhancement and improvement)
 - **Control** system with 3D control system with 3D control system for accurate Motion.
 - **Control** system with 3D control system with 3D control system for accurate Motion.

OPTIONAL ACCESSORIES

- AC servo drives for 8-axis & 2-axis control of track gauging
- Axis deflection unit (Manual / Motorized / Automatic)
- Sliding chair support with sliding noise suppressor
- Interchangeable & special tools ***
- Hydraulic tool clamping
- Double electric finger safety guard
- Higher throat depth
- Automatic lubrication system
- Fast cycling mode for high productivity
- Over 100 of toolheads oil

Press Brake Load Calculation

The capacity of Press Brake are generally defined in tons. Following contain the details of load calculation in different types of bending methods like Air Bending, Bottoming, forming etc. There are certain special applications like piercing, straightening etc, which can also be used on press brakes. But these processes need special tools and different load calculations.

Air Bending

Air Bending is the most widely used application on press brake. Air bending is done on three contact lines, two die edge & one punch edge. The calculation for air bending is as per following.

The advisable "Vee" die openings for air bending are:

V=8 to 10x material thickness (t),

when t < 4

V=6 to 12x material thickness (t),

when t > 4

Bottom Bending

In bottom bending the upper and lower dies are usually made with an include angle of 90 degree to ensure sharp corners on the formed part, in the forming process, the dies strike solidly and squeeze the material at strike bottom. This process requires 3 to 5 times the tonnage needed in air bending, since more tonnage is required bottoming is seldom performed on steel greater than 12 gauge. The adjustable "Vee" die opening for bottoming are:

V=5 to 6x material thickness

PROCESS BRAKE SELECTION GUIDELINES:

The basic factors to be considered while selecting a press brake, or calculating the correct setting for operation are:

Parameters	Unit
Plate Thickness (t)	mm
Ultimate Tensile Strength of Plate (S)	kg/mm ²
Bending Length (L)	mm
"Vee" Die Opening (V)	mm
Minimum Internal Radius (R)	mm
Minimum Flange (H)	mm
Bending Connection Force (P)	3.5
Required Tonnage (T)	M. Tones

The force required for air bending can be calculated from the following formula:

$$\text{Load, } P = \frac{K \cdot L \cdot S \cdot t^3}{1000 \text{ V}}$$

The bending chart also gives the bend radius & minimum bend edge also. The bending chart defines the load required per mm thickness per meter. To use bending chart, select the "Vee" opening from upper most line and thickness from vertical line, the matrix shows the total load in tons per meter. To achieve total load, this value should be multiplied by the total length of job.

Bending Force Chart (Tonnes / Metre Length)

V/V	4	8	12	16	20	24	32	40	48	64	80	96	120	160	200	250	300
H(mm)	3	6	8.5	11.5	14.5	17	23	29	34	46	57	68	85	100	130	160	215
R(mm)	0.6	1.3	2	2.7	3.3	4	5.3	6.7	8	10.5	13.5	16	20	25	30	33	42
0.5	4	2															
1	10	8	5														
1.5		19	12	8	7												
2		36	22	16	12	10											
2.5			37	26	20	17	12										
3			56	36	28	24	17	14	11								
4				74	56	44	32	25	20	16							
5					75	50	40	33	24	19							
6						77	51	48	35	27	23						
8							112	66	64	50	43	33					
10								150	100	80	60	55	41				
12									155	105	96	77	62	55			
16										180	120	120	96	80	72		
20											200	160	128	107	96	77	
25												250	200	178	150	130	100
													296	250	200	178	150

HYDRAULIC ANGLE SHARING MACHINE



Design Features :

- Accurate Clearance adjustment of both blades for BUR FREE shears.
- Adjustable Pressure Relief/Controlling Valve for HT material.
- Double edge cutting function blades.
- Extra powerful clamping force by holding Cylinders.
- Adjustable Strokes for short pieces shears.
- Pin angle support for larger and heavier angles.
- Indication light (Tower Light) with safety alarm sound.
- Emergency stop push switch.
- Safety Decals around the machine, keep operator handy.

Standard Accessories Including Machine :

- Foot switch for easier operation.
- Limit Switch and Pressure Switch Assembly for Short and Heavy Job.
- Front Operating console for easy and fast operation having ON-OFF, UP-DOWN, EMERGENCY STOP and OVER LOAD switches.

Extra accessories :

- Angle feeding table with roller assembly.
- Electronic Digital stroke counter meter for fast productivity.

Technical Features :

Machine Capacity :	68 MT / 75 MT / 160 MT / 150 MT
Shearing Capacity :	Up to 20 mm HT Material
Cylinder Stroke :	180 mm (Standard)
Table Size :	Suitable for 200x200 mm equal angle.

HYDRAULIC ANGLE NOTCHING MACHINE



Design Features :

- Accurate Clearance adjustment of both blades for BUR FREE shears.
- Adjustable Pressure Relief/Controlling Valve for HT material.
- Double edge cutting function blades at bottom.
- Extra wide table for heavy angle with multi hole clamping facility.
- Adjustable Strokes for short pieces shears.
- Indication light (Tower Light) with safety alarm sound.
- Emergency stop push switch.
- Safety Decals around the machine, keep operator handy.

Standard Accessories Including Machine :

- Foot switch for easier operation.
- Limit Switch and Pressure Switch Assembly for Short and Heavy Job.
- Front Operating console for easy and fast operation having ON-OFF, UP-DOWN, EMERGENCY STOP and OVER LOAD switches.

Extra accessories :

- Angle feeding table with roller assembly.
- Electronic Digital stroke counter meter for fast productivity.

Technical Features :

Machine Capacity :	50 MT / 75 MT / 100 MT / 150 MT
Shearing Capacity :	Up to 20 mm HT Material for 150x150mm equal angle
Cylinder Stroke :	100 mm (Standard)
Table Size :	Suitable for 250x250 mm equal angle.

HYDRAULIC "C" & "H" FRAME PRESS



Design Features :

- Accurate clear pass between bolster and table plate.
- Accurate striking movement in downward and upward direction.
- Adjustable Pressure Relief/Controlling Valve for HT material.
- Four side hardened Rod for guide.
- Tool for easy clamping for die and punch on both bolster and table plate
- Indication light (Tower Light) with safety alarm sound.
- Emergency stop push switch.
- Safety Decals around the machine. Keep operator handy.

Standard Accessories Including Machine :

- Foot switch & operator console for easier operation with emergency stop button.
- Limit switch and pressure Switch Assembly for short and heavy job.
- Indication arrow for safe material handling.

Extra Accessories :

- Electronic Digital stroke counter meter for fast productivity.

Technical Features :

- | | |
|------------------------|--|
| Machine Capacity | : Up to MT150 MT200 MT300 MT500 MT1200/MT |
| Bending Capacity | : Up to 20mm HT Material |
| Cylinder Stroke | : 500mm/600mm/750mm/1000mm/1500mm and as per required |
| Bolster and Table Size | : 600 x 600 mm / 750 x 750 mm / 900 x 900 mm / 1200 mm x 1200 mm / 1500 x 1500 mm "H" / 1500 x 2000 mm "H" and as per required |

HYD. HORIZONTAL BENDING & STAMPING MACHINE



Design Features :

- Accurate clear pass between Bolster and Table Plate.
- Accurate Striking Movement in Forward and Reverse direction.
- Electronic Digital stroke counter meter for fast productivity.
- Electronic Digital stroke counter meter for fast productivity.
- Adjustable Pressure Relief/Controlling Valve for HT material.
- Hardened Rod both side for guide and also Hardened rollers at bottom of Bolster Plate.

Technical Features :

- | | |
|------------------------|---|
| Machine Capacity | : 100 MT/150 MT/200 MT/250 MT |
| Bending Capacity | : Up to 20 mm HT Material. |
| Cylinder Capacity | : 500mm / 600mm / 750mm / 1000mm (Standard) and as per Required |
| Bolster and Table Size | : 600x600mm, 750x750mm, 900x900mm and As per Required. |

Design Features :

- Accurate clearance between RAM and TABLE plate
- Adjustable Pressure Relief/Controlling Valve for HT material.
- 1 Shot on table for its Clamping of Die and Punch.
- Adjustable strokes for fast Productivity.
- Indication light (Tower Light) with safety alarm sound.
- Emergency stop push-switch.
- Compact Size Machine.

Standard Accessories Including Machine :

- Foot switch for easier operation.
- Limit Switch and Pressure Switch Assembly for Short and Heavy Job.
- Front Operating console for easy and fast operation having ON-OFF, UP-DOWN, EMERGENCY STOP and OVER LOAD switches.

Technical Features :

- | | |
|-------------------|---|
| Machine Capacity | : 50 MT/75 MT/100 MT/150 MT |
| Stamping Capacity | : Up to 25mm HT Material. |
| Punching Capacity | : Up to Q235 having thickness 25mm Max. |
| Cylinder Stroke | : 100mm (Standard) |
| Table Size | : Suitable for 600x600mm. |



Company Foundation

We, "iPan Machineries India Pvt Ltd", have been established in the year 2007, with a customer focused approach to strive hard to maximize the satisfaction level of clients in all aspects. For this, our experts work in tandem with each other so as to fulfil the needs of customers with perfection and we also provide our in tandem with each other so as to fulfil the needs of customers with perfection. Further, Reliable after sales service including onsite support, user manual and installation and operational training to the patrons. With our ethical trade practices and ability to fulfill the bulk order we have enabled to congregate a wide client-base. Moreover, the expert support of our team, working with us has mastered their respective departments that in return benefit us in undertaking as well as successfully completing even the tough with ease.

Our manufacturing unit is installed with various latest machine and tools that become essential for the fabrication of all our offered machinery. With the help of an advance Total Quality Management (TQM) system, that has enabled to serve our clients in a better way. Due to the strong unifying of dedicated workforce and technologically advanced infrastructure service, we have mastered numerous loyal patrons for ourselves throughout the nation. All our product range is only accepted but widely appreciated by our large client base in the country and abroad. We deliver these products keeping the quality as the main forte.

'Mr. Ilesh Panchal', our mentor, with all his professional expertise and in-depth knowledge have lead us to a remarkable position in this era of cut throat competition and we have maintained our strong position in the market for the same.

Quality Policy

We at "iPan Machineries India Pvt Ltd" dedicated excellence in our prime mission of supplying "Sheet Metal Forming / Transmission Tower line / machinery with updated technology, keeping in mind the need of the hour and global competency. We are committed towards maximum customer satisfaction and to cater their needs and to match their expectations for quality, reliability, safety, technology and after sales service. We move as well organized team with active involvement of person at all levels for continual process improvements underlining the aspirations of the customers.

Our motto is to render quickest service to the customers at his call hence our concern for the customer so as to keep his wheel moving without any interruptions. Considering quality to our products we manufacture all the parts of the machine at our primes only.

Manufacturing Facilities



Our Vision / Our Mission / Values

To provide latest technology & to be premier Hydraulic preparatory machine manufacturing company and to aspire, provide and nurture the best to hydraulic industry as well as establish brand image in international market. To achieve maximum customer satisfaction.

We are a passionate and pioneering engineering people dedicated to provide right and advanced Hydraulic machinery to customer which will help in changing the way that manufactured for different segments.

We aim to be the leader in manufacturing high quality machinery in the world. We will differentiate our selves from our competitors through our efforts on quality, technology & support to satisfy customer's needs.



Design & Quality

- R & D
- Testing Conducted
- Quality Control
- Quality Policy
- Certificates

We have all the latest technologies in our premises, with all the latest systems & software, we have one of the best designing team who work hard to bring one of the best textile machinery in the world.

CAD models, CAE, computer aided analysis, mock-up models, prototypes and co-ordination up to production are the services we offer.



Sales & Services

- Our Services
- Process Optimization
- Installation / Commissioning
- Trouble Shooting
- Training



Manufacturing

Having modern manufacturing plant spread supported by almost 100 work hands, Plenty of customer base, 50% of average growth rate since last 5 years, 30% of repeat orders, the group is the country's leaders in the field of Hydraulic Machineries.