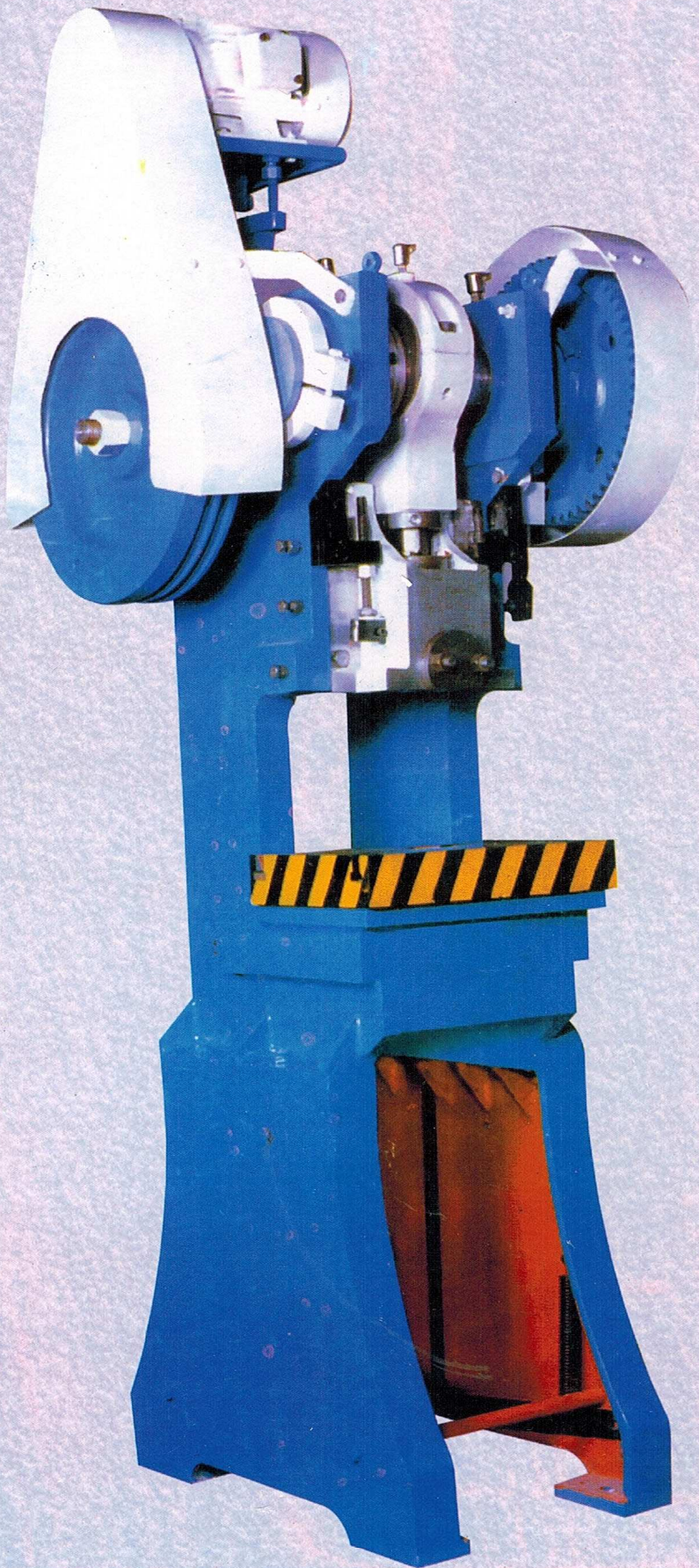


VELSONS

*Strong Foundation
.....High Ambition.....*



Tuff

Reliable

Accurate

ORGANISATION :

To meet the requirement of high quality precision sheet metal parts **VELSONS INDUSTRIAL MACHINE TOOLS** have started manufacturing hi-tech power press in versatile range & size.

The company is managed by professional in relevant field of technical, financial, administration & marketing. The major strength of our organization is team of dedicated professionals maintaining delivery schedule with required quality standard & quick development of new product.

We have batch of highly technical staff & we are proud to place on record of its satisfactory services. We are glad to state that our machines are satisfactorily used by many leading companies.

BRIEF INTRODUCTION OF OUR MACHINERY & ITS COMPONENTS :-

- Frame** : The frame & ribbing are designed with the proper workmanship to ensure all alignments with the respects to distribute the balance & strength of machine.
- Clutch** : Clutch is provided by hardened rolling key for easy & maintenance free working. (N.B. we can also provide pin key on demand)
- Eccentric Crank** : High standards of dimensional accuracy is maintained for longer life & better performance. To avoid maintenance our experience team takes every proper care while manufacturing crank. Crank is made from alloy steel having carbon with in, supported from both the sides to maintain it standard. It is supported by Phosphors - Bronze, Proper lubrication grooves are made for very smooth working & long life.
- Slides & Ram** : Suitable surface grinding is done on both sides of slides as well as ram for longer life of die & to reduce wear & tare.
- Quality Control** : Boring of our machines is done in hi-tech N.C. (Numeric Control) machines to get the optimum dimensional accuracy & longer life of power press.

SPECIFICATIONS	UNITS		MODELS								
			10	20	30	50	75	100	150	200	250
Crank, Shaft	Dia	mm	60	76	83	95	127	152	160	180	190
Stroke Adj.	Max.	mm	25	51	63	75	102	114	125	140	140
Number of Strokes	pm.	Min.	75	60	60	55	50	40	40	35	30
Bed To Ram Dist.	L	mm	178	229	254	279	330	381	400	425	450
Opening in the Bed	Dia	mm	76	83	89	102	127	152	160	175	175
Bed Clamping Face	L to R	mm	355	457	508	610	686	812	965	1016	1067
	F to R	mm	230	305	356	406	508	558	685	736	778
Hole in Ram	Dia	mm	25.4	32	38	45	51	51	57	63	63
Floor to Top of Bed	L	mm	660	785	800	800	850	850	850	850	850
Motor rating geared 1440 RPM	HP	HP	1	2	3	5	7.5	10	15	20	25
Weight Approx.	KGS	KGS	520	875	1250	2250	3600	4600	6200	9800	12000

R & D : Our technical staff is continuously busy in their work so as to add more value, accuracy, its look and machine which is without deflection and noise.

Our Motto : Serve high standards machine and achieve esteem confidence by best services.

WE ALSO MANUFACTURE HYDRAULIC IRON WORKER, PRESS BRAKES, SHEARING M/C, AND MECHANICAL HAND SHEARING M/C.

Manufacturers :
VELSONS INDUSTRIAL
MACHINE TOOLS
Ahmedabad-382 445. (Gujarat)

Dealers :

VELSONS INDUSTRIAL

MACHINE TOOLS



Hydraulic Press Breck



Hydraulic Shearing

VELSONS INDUSTRIAL

MACHINE TOOLS

PRESENTS THE ALL NEW TECHNOLOGY SHEET METAL RELATED MACHINERIES TO HASTEN & AMELIORATES THE EFFICIENCY OF YOUR WORKING. VELSONS IS A ONE STOP HOUSE OF ALL SHEET METAL MACHINERIES FROM WHERE YOU CAN GET THE PERFECT SOLUTIONS TO YOUR PROBLEMS IN CUTTING & BENDING OPERATION. VARIOUS MACHINES WITH 'VELSONS' BRAND LIKE PRESS BRAKE, SHEARING MACHINE, IRON WORKER, ETC., HAND SHEARING MACHINES ARE AVAILABLE IN MECHANICAL & HYDRAULIC TYPE.

HYDRAULIC PRESS BRAKE

Hydraulic Press Brakes are developed by keeping latest technology in mind both cylinders are mounted at back side of press brake and are for parallelism between ram & table by providing mechanical links connected with cylinder. The Heavy duty steel construction frame is so absorb heavy shocks AT weld joints. The electric control panel is fixed on side wall at convenient place for easy reach of operator. Standard V block & manually operated back gauge system which is front operated are supplied as standard accessories.

TON	TABLE LENGTH	BENDING CAPACITY		TABLE WIDTH	CELAR PASS	RAM STROCK	OPENING HEIGHT	THROAT DEPTH	SPEED APPROACH PRESSING RETURN	POWER (H.P.)	WEIGHT (APPRX)
30	2000	2 x 2000	3 x 1250	150	1550	100	250	200	30-7-3-0	3	2000
40	2500	2 x 2500	3 x 1500	150	2055	100	250	200	40-8-40	3	2500
50	2000	3 x 2000	4x1500	190	1550	100	250	200	35-7-35	5	2400
65	2500	3 x 2500	4 x 2000	190	2055	150	330	200	30 5 30	5	3700
80	3000	3 x 3000	4 x 2500	190	2540	150	330	200	38-6-45	7.5	5000
100	4000	3 x 4000	4 x 3000	190	3250	150	330	200	38-6-45	7.5	6000
80	2500	4 x 2500	5 x 2000	190	2055	150	330	200	38-6-45	7.5	4000
100	3000	4 x 3000	5 x 2500	190	2540	150	330	200	38-6-45	7.5	6200
125	4000	4x4000	5 x 3000	250	3250	150	350	300	38-5-40	10	7500
160	4000	5 x 4000	6 x 3000	230	3100	150	350	300	35-6-40	15	8500
100	2500	5x2500	6 x 2000	190	2055	150	330	200	38-6-45	7.5	4800
125	3000	5x3000	6 x 2500	250	2540	150	350	300	38-5-40	10	6800
125	2500	6x2500	8 x 2000	250	2055	150	350	300	38-5-40	10	5800
160	3000	6x3000	8 x 2500	230	2540	150	350	300	35-6-40	15	7900
200	4000	6x4000	8x3000	230	3100	200	400	300	35-7-35	20	10200
200	2500	10x2500	12x2000	230	2055	200	400	300	35-7-35	20	7800
250	3000	10x3000	12x2500	300	2540	200	400	300	35-6-40	25	10500
300	4000	10x4000	12x3000	300	3100	200	400	300	30-6-35	30	12000

HYDRAULIC SHEARING MACHINE

Hydraulic Shearing Machines. It is a heavy duty machine with fixed rake angle and variable rake angle (as per customers need and Models are available in a range of sizes from 4 mm to 25 mm sheet thickness. Features: welded steel frame providing maximum rigidity and accuracy; rapid blade gap adjustment mechanism; compact, low maintenance and reliable hydraulic unit; and hydraulic hold downs are automatically operated according to sheet thickness.

CUTTING LENGTH	MIN. RAKE ANGLE	MAX RAKE ANGLE	MIN. RAKE ANGLE	MAX RAKE ANGLE	STD RAKE ANGLE	HOLD DOWN	HOLDING FORCE (KGS.)	POWER (HP)	PACKING SIZE (LXWXH)	APPRX WEIGHT
2500	3.15	4	2	3	1°15	13	2500	5	3200 X 1850 X 1950	3000
3000	3.15	4	2	3	1°15	16	2500	5	3700 X 1850 X 1950	3500
2000	4	6	3	4	1°37	11	6200	7.5	2750 X 1850 X 2050	2800
2500	4	6	3	4	1°37	13	8000	7.5	3300 X 2250 X 2400	4200
4000	4	6	3	4	1°45	20	12000	10	4500 X 2250 X 2400	4500
2000	6	8	4	6	1°45	11	6500	10	2750 X 1900 X 2100	3500
2500	6	8	4	6	1°45	13	8500	15	3300 X 2250 X 2500	5200
3000	6	8	4	6	1°45	16	18500	15	3800 X 2250 X 2500	5000
4000	6	8	4	6	2°	20	13600	20	4800 X 2250 X 2500	6500
2000	10	13	8	10	2°	11	13000	15	2750 X 2050 X 2300	6000
2500	10	13	8	10	2°	13	17500	20	3300 X 2500 X 2800	7500
3000	10	13	8	10	2°	16	20000	20	3800 X 2500 X 2800	9500
4000	10	13	8	10	2°	20	25000	30	4800 X 2500 X 2800	12000

Manufacturers :



VELSONS INDUSTRIAL
MACHINE TOOLS

Ahmedabad-382 445. (Gujarat)

Dealers :

VELSONS INDUSTRIAL

MACHINE TOOLS



IRON WORKER

VELSONS INDUSTRIAL

MACHINE TOOLS



VELSONS INDUSTRIAL MACHINE TOOLS PRESENT THE ALL NEW HYDRAULIC IRON WORKER MACHINE. WE INTRODUCE THIS MACHINE IS 3 VARIOUS CATEGORIES. HYDRAULIC IRON WORKER IS A MULTI-SPECIALITY MACHINE WHICH IS USED TO SHEAR, PUNCH, NOTCHING AND BENDING VARIOUS STEEL MATERIALS. THIS MACHINE WORKS ON THE BASIS OF HYDRAULIC POWER PACK AND THE MACHINE IS BUILD UP WITH STEEL BODY AND DIFFERENT TYPES OF DIES ARE INSTALLED ACCORDING TO THE REQUIREMENT OF THE USER. HYDRAULIC IRON WORKER IS USEFUL IN VARIOUS METAL PROCESSING & FABRICATION INDUSTRIES.

HYDRAULIC IRON WORKER MACHINE SPECIFICATIONS

	MODEL NO.	VIMT1	VIMT2	VIMT3
OPERATIONAL DETAILS	ANGLE	35mm X 5mm	75mm X 6mm	125mm X 10mm
	CHANNEL	-	75mm X 38mm	100mm X 50mm OR 150mm X 50mm
	FLAT BAR	100mm X 12mm	150mm X 12mm	200mm X 12mm
	ROD	⌀ 20mm	⌀ 30mm	⌀ 40mm
	PUNCHING	⌀ 20mm X 3mm	⌀ 30mm X 6mm	⌀ 50mm X 8mm
	V BENDING	20mm X 6mm	25mm X 8mm	35mm X 10mm

STANDARD ACCESSORIES

1. Blade for Angle Cutting, Channel Cutting, Flat Cutting & Notching
2. Fine stroke Adjustment Road with Limit Switch
3. Manual Job Clamping Device
4. Electric Control Panel
5. Foot Switch

Manufacturers :



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Strong Foundation, High Ambition.....



SIZE : 8", 12", 16" Any special size
with HCHC & HSS four edge
cutting blades



SPECIFICATIONS

Rubber Handle



PARTICULARS	VIS 200(8'')	VIS 300(12'')	VIS 400(16'')	VIM 300(12'')	VIM 400(16'')
Blade Size	40 x 12	50 x 12	50 x 12	50 x 20	50 x 20
Plate Size of body	25 mm	28 mm	28 mm	40 mm	40 mm
Weight Aprx.	27 Kgs	40 Kgs	70 Kgs	75 Kgs	98 Kgs
Stroke Length	145 mm	245 mm	345 mm	245 mm	345 mm
Cutting Capacity	1.5 to	2.0 to	2.0 to	3.0 to	3.0 to
	2.0 mm	2.5 mm	2.5 mm	4.0 mm	3.5 mm
Cutting Edge	4 edge	4 edge	4 edge	2 edge+	2 edge+
				4 edge	4 edge
Lubrication	AT ALL INDICATED POINTS				

Nut Cover



PARTICULARS	VIH 300(12'')	VIH 400(16'')	HYD. 300 (12'')	HYD. 400 (16'')
Blade Size	50 x 20	50 x 20	50 x 20	50 x 20
Plate Size of body	40 mm	40 mm	45 mm	45 mm
Weight Aprx.	85 Kgs	110 Kgs	115 Kgs	135 Kgs
Stroke Length	245 mm	345 mm	245 mm	345 mm
Cutting Capacity	3 to	3 to	5 to	5 to
	4 mm	4 mm	6 mm	6 mm
Cutting Edge	2+4 edge	2+4 edge	2+4 edge	2+4 edge
Lubrication	AT ALL INDICATED POINTS			

Manufacturers :



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Marketed by :