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Work Shop & Sheet Metal Machinery


Viraat Industries
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Mechanical Plate Bending Machine



Mechanical Plate Bending Machine Technical Specifications

MODEL NO.	LENGTH	MAX. THICK.	MAX. THICK.	TOP ROLLS	BOTTOM ROLLS	POWER
		MS	SS	DIAMETER	DIAMETER	
3M - 0615	1550	6	4	120	100	5
3M - 1015	1550	10	6	160	130	5
3M - 1215	1550	12	8	180	150	7.5
3M - 1615	1550	16	12	200	160	10
3M - 2015	1550	20	14	220	180	12.5
3M - 2515	1550	25	18	240	200	15
3M - 3015	1550	30	24	260	225	15
3M - 0620	2100	6	4	140	115	5
3M - 1020	2100	10	6	180	150	7.5
3M - 1220	2100	12	8	200	160	10
3M - 1620	2100	16	12	220	180	15
3M - 2020	2100	20	15	240	200	20
3M - 2520	2100	25	18	260	210	20
3M - 3020	2100	30	22	300	240	25
3M - 4020	2100	40	30	340	280	30
3M - 5020	2100	50	36	380	310	40
3M - 0625	2600	6	4	170	140	7.5
3M - 1025	2600	10	6	200	160	10
3M - 1225	2600	12	8	220	180	10
3M - 1625	2600	16	12	240	200	15
3M - 2025	2600	20	15	280	230	20
3M - 2525	2600	25	18	300	240	25
3M - 3025	2600	30	22	320	260	30
3M - 3525	2600	35	26	340	270	30
3M - 4025	2600	40	30	380	310	30
3M - 4525	2600	45	35	400	330	40
3M - 5025	2600	50	38	420	350	40
3M - 6025	2600	60	45	450	380	50
3M - 0830	3100	8	5	200	160	10
3M - 1030	3100	10	6	220	180	10
3M - 1230	3100	12	8	240	200	15
3M - 1630	3100	16	12	260	210	15
3M - 2030	3100	20	15	300	240	20
3M - 2530	3100	25	18	320	260	25
3M - 3030	3100	30	22	350	280	30
3M - 3530	3100	35	26	380	310	40
3M - 4030	3100	40	30	400	320	40
3M - 4530	3100	45	35	420	340	40
3M - 5030	3100	50	38	450	380	50
3M - 6030	3100	60	45	480	400	50



Hydro Mechanical Plate Bending Machine

Hydro-Mechanical Plate Bending Machine Technical Specifications

MODEL NO.	WORKING ROLL LEN	MAX. THICK	MAX. THICK	TOP ROLL	BOTTOM ROLLS	POWER	POWER PACK MOTOR
		MS	SS	DIAMETER	DIAMETER	HP	HP
3HM - 0615	1550	6	4	120	100	5	1
3HM - 1015	1550	10	6	160	130	5	1
3HM - 1215	1550	12	8	180	150	7.5	2
3HM - 1615	1550	16	12	200	160	10	3
3HM - 2015	1550	20	14	220	180	12.5	3
3HM - 2515	1550	25	18	240	200	15	3
3HM - 3015	1550	30	24	260	225	15	3
3HM - 0620	2100	6	4	140	115	5	1
3HM - 1020	2100	10	6	180	150	7.5	2
3HM - 1220	2100	12	8	200	160	10	3
3HM - 1620	2100	16	12	220	180	15	3
3HM - 2020	2100	20	15	240	200	20	5
3HM - 2520	2100	25	18	260	210	20	5
3HM - 3020	2100	30	22	300	240	25	5
3HM - 4020	2100	40	30	340	280	30	7.5
3HM - 5020	2100	50	36	380	310	40	10
3HM - 0625	2600	6	4	170	140	7.5	2
3HM - 1025	2600	10	6	200	160	10	3
3HM - 1225	2600	12	8	220	180	10	3
3HM - 1625	2600	16	12	240	200	15	5
3HM - 2025	2600	20	15	280	230	20	5
3HM - 2525	2600	25	18	300	240	25	5
3HM - 3025	2600	30	22	320	260	30	7.5
3HM - 3525	2600	35	26	340	270	30	7.5
3HM - 4025	2600	40	30	380	310	30	7.5
3HM - 4525	2600	45	35	400	330	40	10
3HM - 5025	2600	50	38	420	350	40	10
3HM - 6025	2600	60	45	450	380	50	10
3HM - 0830	3100	8	5	200	160	10	3
3HM - 1030	3100	10	6	220	180	10	3
3HM - 1230	3100	12	8	240	200	15	3
3HM - 1630	3100	16	12	260	210	15	3
3HM - 2030	3100	20	15	300	240	20	5
3HM - 2530	3100	25	18	320	260	25	5
3HM - 3030	3100	30	22	350	280	30	7.5
3HM - 3530	3100	35	26	380	310	40	10
3HM - 4030	3100	40	30	400	320	40	10
3HM - 4530	3100	45	35	420	340	40	10
3HM - 5030	3100	50	38	450	380	50	15
3HM - 6030	3100	60	45	480	400	50	15

3 Roll Plate Bending Machine



3 Roll Plate Bending Machine Technical Specifications

VH 3 MODEL TECHNICAL INFORMATION	WPRKING ROLL LENGTH	THICKNESS BENDING	PRE-BENDING THICKNESS	TOP ROLL DIAMETER	BOTTOM ROLL DIAMETER	MOTOR POWER	LENGTH	HEIGHT	WIDTH
	MM	MM	MM	MM	MM	HP	Machine Diemention(Approx) (MM)		
VH3 20/06	2100	6	4	160	140	3	3950	1160	1080
VH3 20/08	2100	8	6	190	170	5	3950	1160	1080
VH3 20/10	2100	10	8	210	190	10	3950	1160	1080
VH3 20/12	2100	12	10	230	210	10	4030	1275	1370
VH3 20/16	2100	16	12	270	250	15	4180	1385	1440
VH3 20/20	2100	20	16	300	270	20	4440	1630	1620
VH3 20/25	2100	25	20	330	300	20	4250	1850	1800
VH3 20/30	2100	30	25	360	330	25	4500	2000	1900
VH3 20/40	2100	40	30	390	360	30	4900	2200	2000
VH3 20/50	2100	50	40	430	390	40	5200	2500	2200
VH3 25/06	2600	6	4	190	170	5	4450	1160	1080
VH3 25/08	2600	8	6	210	190	10	4450	1160	1080
VH3 25/10	2600	10	8	230	210	10	4530	1300	1370
VH3 25/12	2600	12	10	270	250	15	4680	1350	1450
VH3 25/16	2600	16	12	300	270	15	5000	1650	1650
VH3 25/20	2600	20	16	330	300	20	5000	1850	1850
VH3 25/25	2600	25	20	360	330	25	4900	1950	1850
VH3 25/30	2600	30	25	390	360	30	5400	2150	2000
VH3 25/40	2600	40	30	430	390	40	6000	2250	2200
VH3 30/06	3100	6	4	210	190	7.5	5000	1200	1100
VH3 30/08	3100	8	6	230	210	10	5100	1300	1400
VH3 30/10	3100	10	8	270	250	10	5200	1400	1500
VH3 30/12	3100	12	10	300	270	15	5500	1700	1700
VH3 30/16	3100	16	12	330	300	20	5700	1900	1900
VH3 30/20	3100	20	16	360	330	20	5700	1900	1900
VH3 30/25	3100	25	20	390	360	25	5900	2000	2100
VH3 30/30	3100	30	25	430	390	30	6000	2200	2300
VH3 30/40	3100	40	30	460	420	40	6200	2450	2400
VH3 30/50	3100	50	40	510	460	50	6400	2800	2500
VH3 40/06	4100	6	4	270	250	7.5	6200	1400	1500
VH3 40/08	4100	8	6	300	270	10	6300	1700	1700
VH3 40/10	4100	10	8	330	300	10	6400	1900	1900
VH3 40/12	4100	12	10	360	330	15	6500	1900	1900
VH3 40/16	4100	16	12	390	360	20	7000	2000	2150
VH3 40/20	4100	20	16	430	390	20	7200	2200	2200
VH3 40/25	4100	25	20	460	420	25	7300	2500	2350
VH3 40/30	4100	30	25	510	460	30	7500	2800	2500

4 Roll Plate Bending Machine



4 Roll Plate Bending Machine Technical Specifications

VH 4 MODEL TECHNICAL INFORMATION	WORKING ROLL LENGTH	BENDING THICKNESS	PRE-BENDING THICKNESS	TOP ROLL DIAMETER	BOTTOM ROLL DIAMETER	SIDER ROLL DIAMETER	MOTOR POWER	LENGTH	HEIGHT	WIDTH
	MM	MM	MM	MM	MM	MM	HP	Machine Diemention (Approx) (MM)		
VH4 20/06	2100	6	4	160	140	120	3	3950	1160	1080
VH4 20/08	2100	8	6	190	170	150	5	3950	1160	1080
VH4 20/10	2100	10	8	210	190	170	10	3950	1160	1080
VH4 20/12	2100	12	10	230	210	190	10	4030	1275	1370
VH4 20/16	2100	16	12	270	250	210	15	4180	1385	1440
VH4 20/20	2100	20	16	300	270	230	20	4440	1630	1620
VH4 20/25	2100	25	20	330	300	250	20	4250	1850	1800
VH4 20/30	2100	30	25	360	330	270	25	4500	2000	1900
VH4 20/40	2100	40	30	390	360	300	30	4900	2200	2000
VH4 20/50	2100	50	40	430	390	330	40	5200	2500	2200
VH4 25/06	2600	6	4	190	170	150	5	4450	1160	1080
VH4 25/08	2600	8	6	210	190	170	10	4450	1160	1080
VH4 25/10	2600	10	8	230	210	190	10	4530	1300	1370
VH4 25/12	2600	12	10	270	250	210	15	4680	1350	1450
VH4 25/16	2600	16	12	300	270	240	15	5000	1650	1650
VH4 25/20	2600	20	16	330	300	250	20	5000	1850	1850
VH4 25/25	2600	25	20	360	330	300	25	4900	1950	1850
VH4 25/30	2600	30	25	390	360	330	30	5400	2150	2000
VH4 25/40	2600	40	30	430	390	360	40	6000	2250	2200
VH4 30/06	3100	6	4	210	190	170	7.5	5000	1200	1100
VH4 30/08	3100	8	6	230	210	190	10	5100	1300	1400
VH4 30/10	3100	10	8	270	250	210	10	5200	1400	1500
VH4 30/12	3100	12	10	300	270	230	15	5500	1700	1700
VH4 30/16	3100	16	12	330	300	240	20	5700	1900	1900
VH4 30/20	3100	20	16	360	330	250	20	5700	1900	1900
VH4 30/25	3100	25	20	390	360	300	25	5900	2000	2100
VH4 30/30	3100	30	25	430	390	330	30	6000	2200	2300
VH4 30/40	3100	40	30	460	420	360	40	6200	2450	2400
VH4 30/50	3100	50	40	510	460	390	50	6400	2800	2500
VH4 40/06	4100	6	4	270	250	210	7.5	6200	1400	1500
VH4 40/08	4100	8	6	300	270	230	10	6300	1700	1700
VH4 40/10	4100	10	8	330	300	240	10	6400	1900	1900
VH4 40/12	4100	12	10	360	330	300	15	6500	1900	1900
VH4 40/16	4100	16	12	390	360	330	20	7000	2000	2150
VH4 40/20	4100	20	16	430	390	360	20	7200	2200	2200
VH4 40/25	4100	25	20	460	420	390	25	7300	2500	2350
VH4 40/30	4100	30	25	510	460	420	30	7500	2800	2500

Hydraulic /NC Shearing Machine



Salient Features

- Better cutting accuracy in thin sheets at lower rake angle
- Higher cutting capacity at max. rake angle
- Less power consumption
- Better safety for operator and machine
- Fast production on smaller jobs
- NC up gradation possible
- Low noise & smooth operation gives higher efficiency of operator

STANDARD ACCESSORIES

Main Drive Motor.
Electric Control Panel.
Operational Consol.
Rake angle selection through selector switch
Lever operated Blade clearance with calibration.
Fine stroke adjustment rod with limit switch
Front sheet support.
Squaring arm with steel rule.
Hardened Transfer bars mounted on table
Hold down cylinders.
Cutting area illuminated for clear view of blades.
Four edge HCHCr Blade suitable to MS & SS.
Manual Back Gauge.

STANDARD ACCESSORIES (NC CONTROL)

HMI with 2 Line 16 character LCD monochrome screen & numeric keypad.
Main Drive Motor.
Electric Control Panel.
Hardened Ground Ball screw & Linear motion bearings .
Two-speed AC motor for back gauge drive.
Rake angle selection through selector switch.
Lever operated Blade clearance with calibration.
Stroke adjustment through screen.
Front sheet support.
Squaring arm with steel rule.
Hardened Transfer bars mounted on table.
Hold down cylinders.
Cutting area illuminated for clear view of blades.
Four edge HCHCr Blade suitable to MS & SS.

OPTIONAL ACCESSORIES

Motorized back gauge with DRO.
Second squaring arm on other side.
Front support with roller according to required length.
Rear Sheet support.
Timer belt drive for back gauge.
Ball Transfer Table.
Degree protector for angular cutting.
Stroke counter.
Design with throat depth.
First fill of Hydraulic oil.

Hydraulic /NC Shearing Machine Technical Specifications

Model	Cutting Length in mm	Shearing Capacity (mm)				Normal Rake Angle in Angle	Normal Rake Angle in Degree	Rake Angle Stroke Per Minute		No. of Hold Drown	Holding Force		Packing Dimension (Approx) (LxWxH)
		M.S.		S.S.									
		Normal Rake Angle	Max. Rake Angle	Normal Rake Angle	Max. Rake Angle								
VI-HVR 320	2000	3.15	4	2	3.15	1'15'	0.5-3°	20	11	11	2000	3	2700X1250X1950
VI-HVR 325	2500	3.15	4	2	3.15	1,15'	0.5-3°	25	13	13	2300	5	3200X1250X2000
VI-HVR 330	3000	3.15	4	2	3.15	5,15	0.5-3°	21	6	15	2300	5	3700X1400X2100
VI-HVR 340	4000	3.15	4	2	3.15	1'15'	0.5-3°	12	6	20	3200	7.5	4700X1500X2250
VI-HVR 415	1500	4	6	3	4	1'37'	0.5-3°	25	13	8	4s00	7.5	2750K1250X7050
VI-HVR 420	2000	4	6	3	4	1'37'	0.5-3°	23	11	11	6200	7.5	2750K1250X7100
VI-HVR 425	2500	4	6	3	4	1,j7'	0.5-3°	21	5	13	8000	7.5	3300X1400X2250
VI-HVR 430	3000	4	6	3	4	1,37'	0.5-3°	21	10	15	10000	7.5	3700X1500X2400
VI-HVR 440	4000	4	6	3	4	137'	0.5-3°	15	6	20	12000	10	4700X1650X2600
VI-HVR 450	5000	4	6	3	4	1'37'	0.5-3°	10	3	24	15000	10	5700X1700X2750
VI-HVR 460	6000	4	6	3	4	1'37'	0.5-3°	10	3	28	15000	10	6100X1800X2800
VI-HVR 615	1500	6	8	4	6	1,45'	0.5-3°	22	8	8	6500	10	2250X1300X2100
VI-HVR 620	2000	6	8	4	6	1,45'	0.5-3°	20	7	11	6500	10	2750X1350X2100
VI-HVR 625	2500	6	8	4	6	1'45'	0.5-3°	24	8	13	8500	15	3300X1500X2300
VI-HVR 630	3000	6	8	4	6	1'45'	0.5-3°	22	6	15	10800	15	3800X1650X2500
VI-HVR 640	4000	6	5	4	6	1'45'	0.5-3°	77	6	20	13600	20	4800x1700x7750
VI-HVR 650	5000	6	8	4	6	1'45'	0.5-3°	18	4	24	15500	20	5700x5800x2850
VI-HVR 660	5000	6	8	4	6	1'45'	0.5-3°	14	3	28	19500	20	6700X1900X2950
VI-HVR 815	1500	8	10	6	8	2°	0.5-3°	15	8	8	0.105	10	2250X1350X2100
VI-HVR 825	2500	8	10	6	8	2°	0.5-3°	20	8	13	16s00	70	3300X1650X2450
VI-HVR 830	3000	8	10	6	8	2°	0.5-3°	18	6	15	18500	70	3800x1s00x2600
VI-HVR 840	4000	8	10	6	8	2°	0.5-3°	16	4	20	23000	20	4800X5850X2800
VI-HVR 850	5000	8	10	6	8	2°	0.5-3°	12	3	24	27000	25	5750X1950X2900
VI-HVR 1015	1500	10	13	8	10	2°	0.5-3°	14	6	8	50500	10	2250x1350x2200
VI-HVR 1020	2000	10	13	8	10	2°	0.5-3°	18	8	11	13000	0.15	2750x1500x2300
VI-HVR 1025	2500	10	13	8	10	2°	0.5-3°	15	8	13	17500	70	3300X16s0X2500
VI-HVR 1030	3000	10	13	8	10	2°	0.5-3°	12	6	15	20000	30	3800X1850X2750
VI-HVR 1040	4000	10	13	8	10	2°	0.5-3°	13	6	20	25000	25	4800X1950X2800
VI-HVR 1320	2000	13	16	10	13	2°	1-3°	15	8	11	16000	25	2850x1800x2600
VI-HVR 1325	2500	13	16	10	13	2°	1-3°	13	6	13	20000	25	3800X1950X2850
VI-HVR 1330	3000	13	16	10	13	2°	1-3°	9	4	15	30000	30	3800x2000x2950
VI-HVR 1340	4000	13	16	10	13	2°	1-3°	9	4	20	30000	30	4800x2000x2950
VI-HVR 1350	5000	13	16	10	13	2°	1-3°	9	4	24	35000	40	5750X2150X3150
VI-HVR 1360	6000	13	16	10	13	2°	1-3°	7	3	28	40000	40	6750x2300x3500
VI-HVR 1520	2000	16	20	13	16	2°	1-3°	18	6	11	20000	30	3000X1900X2800
VI-HVR 1625	2500	16	20	13	16	2°	1-3°	15	5	13	25000	30	3500X2000X2900
VI-HVR 1530	3000	16	20	13	16	2°	1-3°	12	5	15	28000	30	4000X7000X3000
VI-HVR 1640	4000	16	20	13	16	2°	1-3°	7	3	20	33000	30	4800X2050X3100
VI-HVR 1650	5000	16	20	13	16	2°	1-3°	7	3	24	38000	40	5700x7750x3300
VI-HVR 1650	6000	16	20	13	16	2°	1-3°	5	2	28	43000	40	6750X2350X3700
VI-HVR 2025	2500	20	25	16	20	2°	1-3°	17	5	13	28000	40	3500X2000X3000
VI-HVR 2030	3000	20	25	16	20	2°	1-3°	11	5	15	35000	40	4000X2100X3200
VI-HVR 2040	4000	20	25	16	20	2°	1-3°	9	4	20	40000	50	4800x2700x3300
VI-HVR 2050	5000	20	25	16	20	2°	5-3°	8	3	24	45000	60	5800X2350X3500
VI-HVR 2060	6000	20	25	16	20	2°	1-3°	5	7	28	50000	60	5800X2450X4100
VI-HVR 2525	2500	25	30	20	24	7°	1-3°	10	4	13	36000	60	3400X2250X3300
VI-HVR 2530	3000	25	30	20	24	2°	1-3°	8	4	15	45000	60	4000X2300X3300
VI-HVR 2540	4000	25	30	20	24	2°	1-3°	7	4	20	50000	75	5000X2300X3500
VI-HVR 2550	5000	25	30	20	24	2°	1-3°	5	7	24	55000	75	6000X2450X3700
VI-HVR 2560	6000	25	30	20	24	2°	1-3°	3	1	28	60000	75	7000X2600X4300

Hydraulic /NC Press Brake Machine



Salient Features

- Compact cylinders & low pressure system due to rear cylinder design
- Better rigidity & load carrying capacity against fatigue failure
- Positive synchronisation of cylinders with welded torque tube
- Better safety for operator & machine
- Low power consumption
- Three speed system for higher productivity
- Fast production on smaller jobs
- NC up gradation possible
- Low noise & smooth operation gives higher efficiency of operator

STANDARD ACCESSORIES

Main Drive Motor.
Electrical control panel with selection 'AUTO', 'INCH' & 'SINGLE CYCLE AUTO' mode operations.
Movable work station with pair of foot switch.
Pair of lifting links.
Pair of sheet support.
Fine stroke adjustment rod with limit switch.
Manual back gauge with micro setting.
One suitable five way die & Punch EN-9** (unhardened and ungrounded)
Centralized lubrication system with control valves for adequate lubrication.
Ram tilting arrangement on selected models.

STANDARD ACCESSORIES (NC CONTROL)

Main Drive Motor.
Selection of 'AUTO' & 'MANUAL' mode through screen.
Two axis dedicated controller with LCD monochrome screen & numeric keypad.
128 jobs X 16 bends program memory.
Movable work station with pair of foot switch.
AC Servo motor with resolver for back gauge drive.
Hardened & Grounded Ball screw.
Linear motion bearing on guide rods.
Highly precise glass tube optical linear scale for accurate Y-axis position.
Pair of lifting links.
Pair of sheet support.
One suitable five way die & Punch of EN-9** (unhardened and ungrounded).
Centralized lubrication system with flow control valves for adequate lubrication.
Ram tilting arrangement on selected models.

OPTIONAL ACCESSORIES

AC servo drives for R-axis & Z-axis control of back gauging.
Anti deflection unit (Manual / Motorized / Automatic)
Sliding sheet support with Swing away stoppers.
Hardened tools & special tools.**
Hydraulic tool clamping.
Photo electric fingers safety guard.
Higher throat depth.
Automatic lubrication system.
Fast cycling models for high productivity.
First fill of hydraulic oil.

Hydraulic/NC Press Brake Machine Technical Specifications

Model	Tonage in MT	Table Length in mm	Bending Capacity in mm		Table Width in mm	Clear Pass in mm	Ram Stroke in mm	Open Height in mm	Throat Depth in mm	Approach Presing Return Speed	Power in HP	Packing Dimension (Approx) (LxWxH)
VI-PBR 215	20	1500	1.6x1500	2x1250	125	1050	100	250	100	35-9-35	3	1700X1050X1900
VI-PBR 320	30	2000	2x2000	3x1250	125	1550	100	250	200	30/7/40	3	2200X1150X1900
VI-PBR 420	40	2000	2.5x2000	3x1500	180	1550	100	250	200	40-6-45	5	2200X1150X1800
VI-PBR 425	40	2500	2x2500	3x1500	180	2050	100	250	200	40-6-45	5	2700X1150X1900
VI-PBR 430	40	3000	1.6x3000	3x1500	180	2550	100	250	200	40-6-45	5	3200X150X2000
VI-PBR 515	50	1500	4x1500	5x1250	180	1050	100	250	200	35-6-40	5	1700X1150X1900
VI-PBR 520	50	2000	3x2000	4x1500	180	1550	100	250	200	35-6-40	5	2200X1150X1900
VI-PBR 525	50	2500	2.5x2500	3x2000	180	2050	100	250	200	35-6-40	5	2700X1150X1900
VI-PBR 530	50	3000	2x3000	2.5x2500	180	2550	100	250	200	35-6-40	5	3200X1150X2000
VI-PBR 540	50	4000	1.6x4000	2x3000	180	3100	100	250	200	35-6-40	5	4200X1250X2300
VI-PBR 625	65	2500	3x2500	4x2000	180	2050	150	330	200	35-5-40	5	270pX1200X2000
VI-PBR 630	65	3000	2.5x3000	3x2500	180	2550	150	330	200	35-5-40	5	3200X1200X2000
VI-PBR 640	65	4000	2x4000	2.5x3000	180	3100	150	330	200	35-5-40	5	4200X1250X2400
VI-PBR 820	80	2000	5x2000	6x1500	180	5100	150	330	200	40-6-45	7.5	2200X1550X2100
VI-PBR 825	80	2500	4x2500	5x2000	180	2050	150	330	200	40-6-45	7.5	2750X1550X2300
VI-PBR 830	80	3000	3x3000	4x2500	180	2550	150	330	200	40-6-45	7.5	3250X1550X2300
VI-PBR 840	80	4000	2.5x4000	3x3000	180	3100	150	330	200	40-6-45	7.5	4250X1650X2500
VI-PBR 850	80	5000	2x5000	2.5x4000	180	4100	150	330	200	40-6-45	7.5	5300X1650X2700
VI-PBR 860	80	6000	1.6x6000	2x5000	180	5100	150	330	200	40-6-45	7.5	6300X1750X2800
VI-PBR 1025	100	2500	5x2500	6x2000	180	2050	150	330	200	43-6-48	10	2700X1550X2300
VI-PBR 1030	100	3000	4x3000	5x2500	180	2550	150	330	200	43-6-48	10	3250X1550X2300
VI-PBR 1040	100	4000	3x4000	4x3000	180	3100	150	330	200	43-6-48	10	4250X1650X2500
VI-PBR 1050	100	5000	2.5x5000	3x4000	180	4100	150	330	200	43-6-48	10	5300X1700X2800
VI-PBR 1060	100	6000	2x6000	2.5x5000	180	5100	150	330	200	43-6-48	10	6300X1750X2900
VI-PBR 1225	125	2500	6x2500	8x2000	230	2050	150	350	300	40-6-50	15	2750X1650X2700
VI-PBR 1230	125	3000	5x3000	6x2500	230	2550	150	350	300	40-6-50	15	3250X1650X2500
VI-PBR 1240	125	4000	4x3500	5x3000	230	3100	150	350	300	40-6-50	15	4250X1650X2600
VI-PBR 1250	125	5000	3x5000	4x4000	230	4100	150	350	300	40-6-50	15	5300X1750X2900
VI-PBR 1260	125	6000	2.5x6000	3x5000	230	5100	150	350	300	40-6-50	15	6300X1800X3000
VI-PBR 1625	160	2500	8x2500	10x2000	230	2050	150	350	300	35-6-45	15	2750X1800X2500
VI-PBR 1630	160	3000	6x3000	8x2500	230	2550	150	350	300	35-6-45	15	3250X1800X2600
VI-PBR 1640	160	4000	5x4000	6x3000	230	3100	150	350	300	35-6-45	15	4300X1800X2700
VI-PBR 1650	160	5000	4x5000	5x4000	230	4100	150	350	300	35-6-45	15	5300X1850X3000
VI-PBR 1660	160	6000	3x6000	4x5000	230	5100	150	350	300	35-6-45	15	6300X1900X3200
VI-PBR 2025	200	2500	10x2500	12x2000	230	2050	200	400	300	35-6-48	20	2850X1900X2600
VI-PBR 2030	200	3000	8x3000	10x2500	230	2550	200	400	300	35-6-48	20	3350X2050X2750
VI-PBR 2040	200	4000	6x4000	8x3000	230	3100	200	400	300	35-6-48	20	4350X2050X2800
VI-PBR 2050	200	5000	5x5000	6x4000	230	4100	200	400	300	35-6-48	20	5350X2100X3100
VI-PBR 2060	200	6000	4x6000	5x5000	230	5100	200	400	300	35-6-48	20	6350X2200X3500
VI-PBR 2530	250	3000	10x3000	12x2500	300	2550	200	400	300	30/5/40	20	3350X2100X2800
VI-PBR 2540	250	4000	8x4000	10x3000	300	3100	200	400	300	30/5/40	20	4350X2000X2900
VI-PBR 2550	250	5000	6x5000	5x4000	300	4100	200	400	300	30/5/40	20	5350X2150X3200
VI-PBR 2560	250	6000	5x6000	6x5000	300	5100	200	400	300	30/5/40	20	6350X2250X3600
VI-PBR 3030	300	3000	12x3000	15x2500	300	2550	200	400	300	30/5/40	25	3350X2150X2900
VI-PBR 3040	300	4000	10x3500	12x3000	300	3100	200	400	300	30/5/40	25	4350X2150X2900
VI-PBR 3050	300	5000	7x5000	9x4000	300	4100	200	400	300	30/5/40	25	5350X2200X3400
VI-PBR 3060	300	6000	6x6000	7x5000	300	5100	200	400	300	30/5/40	25	6350X2300X3800
VI-PBR 4030	400	3000	16x3000	20x2500	300	2550	250	500	350	25/5/30	30	3350X2200X3000
VI-PBR 4040	400	4000	12x4000	16x3000	300	3100	250	500	350	25/5/30	30	4350X2200X3000
VI-PBR 4050	400	5000	10x5000	12x4000	300	4100	250	500	350	25/5/30	30	5350X2250X3600
VI-PBR 4060	400	6000	8x6000	10x5000	300	5100	250	500	350	25/5/30	30	6350X2350X4000
VI-PBR 5030	500	3000	20x3000	25x2500	300	2550	250	500	350	25/5/30	40	3350X2200X3200
VI-PBR 5040	500	4000	15x4000	20x3000	300	3100	250	500	350	25/5/30	40	4500X2200X330
VI-PBR 5050	500	5000	14x5000	15x4000	300	4100	250	500	350	25/5/30	40	5350X2400X3900
VI-PBR 5060	500	6000	11x6000	14x5000	300	5100	250	500	350	25/5/30	40	6350X2500X4250
VI-PBR 6030	600	3000	25x3000	30x2500	300	2550	250	500	350	25/5/30	50	3350X2200X3300
VI-PBR 6040	600	4000	18x4000	25x3000	300	3100	250	500	350	25/5/30	50	4500X2200X3500
VI-PBR 6050	600	5000	15x5000	18x4000	300	4100	250	500	350	25/5/30	50	5350X2300X3700
VI-PBR 6060	600	6000	12x6000	15x5000	300	5100	250	500	350	25/5/30	50	6350X2600X4350

Under Crank Mechanical Shearing Machine



Under Crank Mechanical Shearing Machine Technical Specification

MODEL	CUTTING CAP. IN MS LENGTH X THICKNESS	TABLE HEIGHT	TABLE WIDTH	FRONT GAUGE	BACK GAUGE	MOTOR (HP /RPM) (1440)	SIZE OF TABLE			OVERALL DIMENSION		
							LENGTH	WIDTH	THCKNESS	LENGTH	WIDTH	HEIGHT
VMUS-1202	1250 X2	750	250	500	500	3	1270	60	14	2100	1900	1300
VMUS-1502	1525 X 2	750	250	500	500	3	1550	60	14	2360	1900	1300
VMUS-2002	2030 X 2	800	300	500	500	7.5	2050	60	14	2825	1900	1300
VMUS-2502	2540 X 2	800	300	500	500	10	2550	60	14	3325	1900	1300
VMUS-3002	3125 X 2	800	300	500	500	5	3150	62	18	3190	1900	1300
VMUS-1204	1250 X 4	800	300	600	600	5	1270	62	18	2300	2000	1350
VMUS-1504	1525 X 4	800	300	600	600	5	1550	62	18	2550	2000	1350
VMUS-2004	2030 X 4	800	300	600	600	7.5	2050	62	18	3100	2000	1350
VMUS-2504	2540 X 4	800	350	600	600	10	2540	75	18	3600	2000	1350
VMUS-3004	3125 X 4	800	350	600	600	12.5	3150	75	18	4200	2000	1350



Over Crank Mechanical Shearing Machine

Over Crank Mechanical Shearing Machine Technical Specification

MODEL	CUTTING CAP. IN MS LENGTH X THICKNESS	TABLE HEIGHT	TABLE WIDTH	FRONT GAUGE	BACK GAUGE	MOTOR (HP /RPM) 1440	SIZE OF TABLE			OVERALL DIMENSION		
							LENGTH	WIDTH	THCKNESS	LENGTH	WIDTH	HEIGHT
VMOS - 1206	1270X6	800	400	750	750	7.5	1270	75	18	2200	2000	2600
VMOS - 1506	1525X6	800	400	750	750	7.5	1550	75	18	2450	2000	2600
VMOS - 2006	2030X6	800	400	750	750	10	2050	75	18	2950	2000	2600
VMOS -2506	2540X6	800	400	750	750	10	2550	75	18	3470	2000	2600
VMOS -3006	3125X6	800	400	750	750	12.5	3150	75	18	4055	2000	2600
VMOS - 1208	1270X8	800	400	750	750	10	1270	75	22	2200	2000	2600
VMOS - 1508	1525X8	800	400	750	750	10	1550	75	22	2450	2000	2600
VMOS - 2008	2030X8	800	400	750	750	12.5	250	75	22	2960	2000	2600
VMOS -2508	2540X8	800	400	750	750	15	2550	90	22	3470	2000	2600
VMOS - 3008	3125X8	800	400	750	750	15	3150	90	22	4100	2000	2600
VMOS - 2010	2030X10	800	400	750	750	15	2050	90	22	3000	2000	2700
VMOS - 2510	2540X10	800	400	750	750	15	2550	90	22	3500	2000	2900
VMOS - 3010	3125X10	800	400	750	750	20	3150	90	22	4200	2000	2900
VMOS - 2012	2030X12	800	400	750	750	20	2050	100	25	3000	2000	3000
VMOS - 2512	2540X12	800	400	750	750	20	2550	100	25	3600	2100	3100
VMOS - 3012	3125X12	800	400	750	750	25	3150	100	25	4300	2100	3100

Dish End Press Machine



Dish End Press Machine Technical Specifications			
MODEL	THICKNESS	MAX. DIAMETER	PRESS POWER (TON)
VHDP-100	6	500-4000	100
VHDP-150	12	500-4000	150
VHDP-200	16	500-5000	200
VHDP-250	20	500-5000	250
VHDP-300	25	600-5000	300
VHDP-500	30	600-5000	500
VHDP-600	35	600-5000	600
VHDP-800	40	600-5000	800
VHDP-1000	45	600-5000	1000
VHDP-1200	50	600-5000	1200

It is designed to produce pressure vessel, navy, nuclear, food, power generation, petrochemical, shipyard industries.

VIRAAT Dishing presses are one of the most demanding models in the large range of VIRAAT

It is a hydraulic press consists of manipulator (option) and HEAVY DUTY machine like all the others VIRAAT powers range 150 to 1600 Ton Diameter range 500 to 10.000 mm.

The 250 Tons and bigger capacity presses are developed with pre-stressed tie-rods and lower ones are having side shoulders as the price & performance is main target for all size of tank manufacturers on all over the world.

The correct capacity of model is being chosen based on the material thickness, quality and plate diameter. The VIRAAT models dishing press power is calculated for biggest diameter of dies to give best cycle time and productivity to the customer. The main control screen is developed focus on user friend interface to reduce learning time since the operator skill is always important for all manufacturers.

Our other Product



Manual Shearing Machine



Horizontal Bandsaw Machine



Circle Cutting Machine



Section Bending Machine



4 Pillar Stamping Hydraulic-Press Machine



Plate-Straightening Machine



Manual Press-Brake Machine



Notching Machine



Degree Pipe Bending Machine



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