

Since : 2003

®

**Raviraj**

**Widest Range of Machines  
Installed with  
Proven Performance**

**Hydraulic Shearing machine  
( Variable Rake Angle )  
For Metal Sheet Culling**



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## Hydraulic Shearing Machines ( Variable Rake Angle )

RAVIRAJ introduces Variable Rake Angle Hydraulic shearing machines incorporating latest manufacturing technologies with the capacities ranging from 4 mm to 13 mm and lengths from 1250 to 3000 mm with several optional features.

### Technical Specifications :

Model	Tonnage	Table Length	Bending Capacity (In MS,	Table Width	Clear Pass	Ram Stroke	Open Height	Throat Depth	Speed Approach	Power	Packing Dimensions	Approx. Weight
	In MT	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm/sec	In H.P.	L x W x H	Kgs.
RHVR315	1525	3	4	2	3	0.5-3°	26	13	9	5	2250 X 1850 X 1950	2200
RHVR320	2030	3	4	2	3	0.5-3°	24	12	11	5	2750 X 1850 X 1950	2600
RHVR325	2540	3	4	2	3	0.5-3°	22	11	13	5	3200 X 1850 X 1950	3000
RHVR330	3125	3	4	2	3	0.5-3°	20	10	17	7.5	3700 X 1850 X 1950	3500
RHVR415	1525	4	6	3	4	0.5-3°	30	15	9	5	2250 X 1850 X 2050	2500
RHVR420	2030	4	6	3	4	0.5-3°	27	12	11	7.5	2750 X 1850 X 2050	3000
RHVR425	2540	4	6	3	4	0.5-3°	26	10	13	7.5	3300 X 2250 X 2400	3500
RHVR430	3125	4	6	3	4	0.5-3°	25	10	17	7.5	3700 X 2250 X 2400	4000
RHVR440	4000	4	6	3	4	0.5-3°	20	8	21	7.5	4700 X 2250 X 2400	4700
RHVR450	5000	4	6	3	4	0.5-3°	15	6	25	10	5700 X 2250 X 2400	6500
RHVR460	6000	4	6	3	4	0.5-3°	14	5	30	12.5	6700 X 2250 X 2400	8500
RHVR615	1525	6	8	4	6	0.5-3°	20	10	9	7.5	2250 X 1900 X 2100	3000
RHVR620	2030	6	8	4	6	0.5-3°	20	10	11	7.5	2750 X 1900 X 2100	3500
RHVR625	2540	6	8	4	6	0.5-3°	25	11	13	10	3300 X 2250 X 2500	4500
RHVR630	3125	6	8	4	6	0.5-3°	23	9	17	10	3800 X 2250 X 2500	5000
RHVR640	4000	6	8	4	6	0.5-3°	20	8	21	12.5	4800 X 2500 X 2500	6000
RHVR650	5000	6	8	4	6	0.5-3°	16	7	25	15	5800 X 2500 X 2700	7000
RHVR660	6000	6	8	4	6	0.5-3°	12	5	30	20	6800 X 2700 X 2700	9000
RHVR815	1525	8	10	6	8	0.5-3°	21	10	9	10	2250 X 2050 X 2200	4000
RHVR820	2030	8	10	6	8	0.5-3°	17	8	11	10	2750 X 2050 X 2200	4500
RHVR825	2540	8	10	6	8	0.5-3°	19	8	13	12.5	3300 X 2350 X 2600	5000
RHVR830	3125	8	10	6	8	0.5-3°	17	7	17	15	3800 X 2350 X 2600	6000
RHVR840	4000	8	10	6	8	0.5-3°	15	6	21	20	4800 X 2500 X 2600	7000
RHVR850	5000	8	10	6	8	0.5-3°	14	5	25	20	5800 X 2500 X 2800	8000
RHVR860	6000	8	10	6	8	0.5-3°	12	5	30	25	6800 X 2700 X 3000	10000
RHVR-1015	1525	10	13	8	10	0.5-3°	19	10	9	12.5	2250 X 2050 X 2300	4500
RHVR-1020	2030	10	13	8	10	0.5-3°	18	8	11	12.5	2750 X 2050 X 2300	5000
RHVR-1025	2540	10	13	8	10	0.5-3°	16	7	13	15	3300 X 2500 X 2800	5500
RHVR-1030	3125	10	13	8	10	0.5-3°	15	7	17	15	3800 X 2500 X 2800	7000
RHVR-1040	4000	10	13	8	10	0.5-3°	13	5	21	25	4800 X 2600 X 3000	9000
RHVR-1050	5000	10	13	8	10	0.5-3°	12	5	25	25	5800 X 2800 X 3000	12000
RHVR-1060	6000	10	13	8	10	0.5-3°	10	4	30	30	6800 X 3000 X 3200	17000

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## Hydraulic Shearing Machines ( Variable Rake Angle )

### Salient Features

- ▶ Both blades premium HCHCr, four usable edges
- ▶ Rake angle adjustable to suit thickness and material
- ▶ Efficient compact power pack
- ▶ Less power consumption
- ▶ Fast production on smaller job
- ▶ Electricals neatly wired-labeled for trouble shooting
- ▶ Foot switch movable for operation from safe position
- ▶ Blade gap adjusted with levers for clean cuts
- ▶ Sheets clamped hydraulically before cut starts
- ▶ Hardened rollers guide beam for constant blade gap

### Standard Accessories

- ▶ Main Drive Motor
- ▶ Electrical Control Panel with Selection of INCH-ONCE-AUTO Mode of operation
- ▶ Manual Back Gauge
- ▶ Four edge HCHCr Blade suitable for MS & SS

### Optional Accessories

- ▶ Motorized Back Gauge with DRO
- ▶ NC Back Gauge with Hardened Ground Ball Screw
- ▶ Front Support with roller according to required length
- ▶ First fill of Hydraulic oil

Capacities rated for M.S. of U.T.S. 45kg/mm<sup>2</sup> Yield 28 kg/mm<sup>2</sup> & S.S. of U.T.S. 72 kg/mm<sup>2</sup> Yield 45 kg/mm<sup>2</sup>. Machine will not cut any thickness variation beyond rated capacity for any length. Right to change specification, features, accessories without notice reserved. Compliance with safety requirements as per local regulations is responsibility of the user. All Dimensions are in mm. Power

Authorized Dealer :

Mfg. By :



**Raviraj Engineering Corporation**

— R. Survey No. 57, Plot No. 20, Rachna Ind. Estate, Maahi Cattle Feed Road,  
Near SCA Khandheri Cricket Stadium, B/h. Garden Dinner Club,  
Rajkot-Jamnagar Highway Road, At. Parapipaliya, Rajkot-360 006.