



VARIABLE RAKE ANGLE
HYDRAULIC SHEARING



RAHI
HYDRAULIC SYSTEM



Specification for Renuka Hydraulic Shearing Machine

Model	Shearing Length mm	S/R Thickness				Rake angle	Rake angle range	Strokes/minute at min. & max. Rake angle	Hold downs	Holding Force Kgs.	Power H. P.
		M.S.		S.S.							
		Nominal rake angle	Maximum rake angle	Nominal rake angle	Maximum rake angle						
RVR 325	2500	3.15	4	2	3	1°15'	0.5-2°	28-13	13	2500	5
RVR 330	3000	3.15	4	2	3	1°15'	0.5-2°	26-9	15	2500	5
RVR 415	1500	4	6	3	4	1°37'	0.5-3°	30-15	8	4500	7.5
RVR 420	2000	4	6	3	4	1°37'	0.5-3°	28-13	11	6200	7.5
RVR 425	2500	4	6	3	4	1°37'	0.5-3°	30-8	13	8000	7.5
RVR 430	3000	4	6	3	4	1°37'	0.5-3°	28-8	15	10000	10
RVR 440	4000	4	6	3	4	1°37'	0.5-3°	22-8	20	12000	10
RVR 615	1500	6	8	4	6	1°45'	0.5-3°	24-8	8	650	10
RVR 620	2000	6	8	4	6	1°45'	0.5-3°	22-7	11	6500	10
RVR 625	2500	6	8	4	6	1°45'	0.5-3°	28-8	13	8500	15
RVR 630	3000	6	8	4	6	1°45'	0.5-3°	24-6	15	10800	15
RVR 640	4000	6	8	4	6	1°45'	0.5-3°	24-6	20	13600	20
RVR 815	1500	8	10	6	8	2°	0.5-3°	20-10	8	10500	15
RVR 820	2000	8	10	6	8	2°	0.5-3°	18-8	11	12000	15
RVR 825	2500	8	10	6	8	2°	0.5-3°	24-8	13	16500	20
RVR 830	3000	8	10	6	8	2°	0.5-3°	20-6	15	18500	20
RVR 840	4000	8	10	6	8	2°	0.5-3°	20-8	20	23000	30
RVR 1015	1500	10	13	8	10	2°	0.5-3°	20-10	8	10500	15
RVR 1020	2000	10	13	8	10	2°	0.5-3°	18-8	11	13000	15
RVR 1025	2500	10	13	8	10	2°	0.5-3°	24-8	13	17500	20
RVR 1030	3000	10	13	8	10	2°	0.5-3°	20-6	15	20000	20
RVR 1040	4000	10	13	8	10	2°	0.5-3°	18-6	20	25000	30
RVR 1320	2000	13	16	10	13	2°	1-3°	13-5	11	16500	20
RVR 1325	2500	13	16	10	13	2°	1-3°	15-10	13	32000	25
RVR 1330	3000	13	16	10	13	2°	1-3°	12-6	16	37000	25
RVR 1340	4000	13	16	10	13	2°	1-3°	9-4	20	22000	30
RVR 1620	2000	16	20	13	16	2°	1-3°	13-7	11	22000	25
RVR 1625	2500	16	20	13	16	2°	1-3°	15-8	13	40000	30
RVR 1630	3000	16	20	13	16	2°	1-3°	12-6	16	43000	30
RVR 1640	4000	16	20	13	16	2°	1-3°	9-4	20	30000	30
RVR 2020	2000	20	25	16	20	2°	1-3°	16-8	11	32000	40
RVR 2025	2500	20	25	16	20	2°	1-3°	15-8	13	48000	40
RVR 2030	3000	20	25	16	20	2°	1-3°	12-6	16	52000	40
RVR 2040	4000	20	25	16	20	2°	1-3°	9-4	20	30000	50
RVR 2520	2000	25	30	20	24	2°	1-3°	12-6	13	32000	60
RVR 2525	2500	25	30	20	24	2°	1-3°	10-5	16	42000	60
RVR 2530	3000	25	30	20	24	2°	1-3°	8-4	18	50000	60
RVR 2540	4000	25	30	20	24	2°	1-3°	7-4	20	60000	75

Capacities rated for M.S. of U.T.S. 45kg/mm² Yield 28kg/mm² & S.S. of U.T.S. 72 kg/mm² Yield 45 kg/mm². Machine will not cut any thickness variation beyond rated capacity for any length. Right to change specification, features and accessories without notice reserved. Compliance with safety requirements as per local regulations is responsibility of the user.

Standard Features And Accessories

- » Rugged structure as per international standards
- » Moving beam synchronized by differential cylinders
- » Hardened rollers guide beam for constant blade gap
- » Rake angle adjustable to suit thickness and material
- » Blade gap adjusted With Levers for clean cuts
- » Sheets clamped hydraulically before cut starts
- » Shearing-clamping forces adjustable to suit job
- » Both blades premium HCHCr, four usable edges
- » Cutting length and position adjustable for shorter jobs
- » Beam returns on releasing footswitch for smaller cuts
- » Cutting area on releasing footswitch for clear view of blades
- » First two hold-downs spaced closer at both ends
- » Squaring arm 1000mm at left with hardened lines
- » Squaring arm 600mm at right helps distribute wear
- » Front gauging with stops, scale on squaring arm
- » Front operated powered Backgauge range 1000mm
- » Hardened rods, recessed table for easy sheet feeding
- » Sheet supports 1000mm long help support long plates
- » Ramp on rear slides out cut sheets outside shear area
- » Backgauge moves away trapping of cut sheets
- » Footswitch movable from safe position
- » Finger safety guard with clear view of lighted cutting area
- » Dependable global of hydraulics, electrical
- » Efficient compact powerpack with minimal piping
- » Electricals neatly wired-labeled for trouble shooting

RSV325, RSV330 have sheet supports, manual Backgauge & left squaring arm of 600mm length.

Optional Accessories:

- » Sheet front feeding system.
- » NC Backgauge.
- » Rear sheet support.
- » Automatic control shearing.
- » Sheet rear stacking system.

Optional For Extra Mileage

Choice of CNC Controllers for controlling functions like NC Backgauge, blade gap, rack angle, stroke. Also integrates the machine with automated accessories for sheet feeding, gauging, conveying - seperating, stacking etc.



NC Front Gauging And Feeding System

- Saves time ,tool wear of Punch Press by parting off nested parts
- Referencing from single edge avoids accumulated error.
- Supports sheet to reduce scratching when feeding.
- Drives can be spaced to allow operator to stand between them
- Clear view of sheet contact, elimination of sagging reduces errors.
- Return conveyor reduces handling for longitudinal-lateral cuts



Authorised Distributors:

Manufactured By:

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