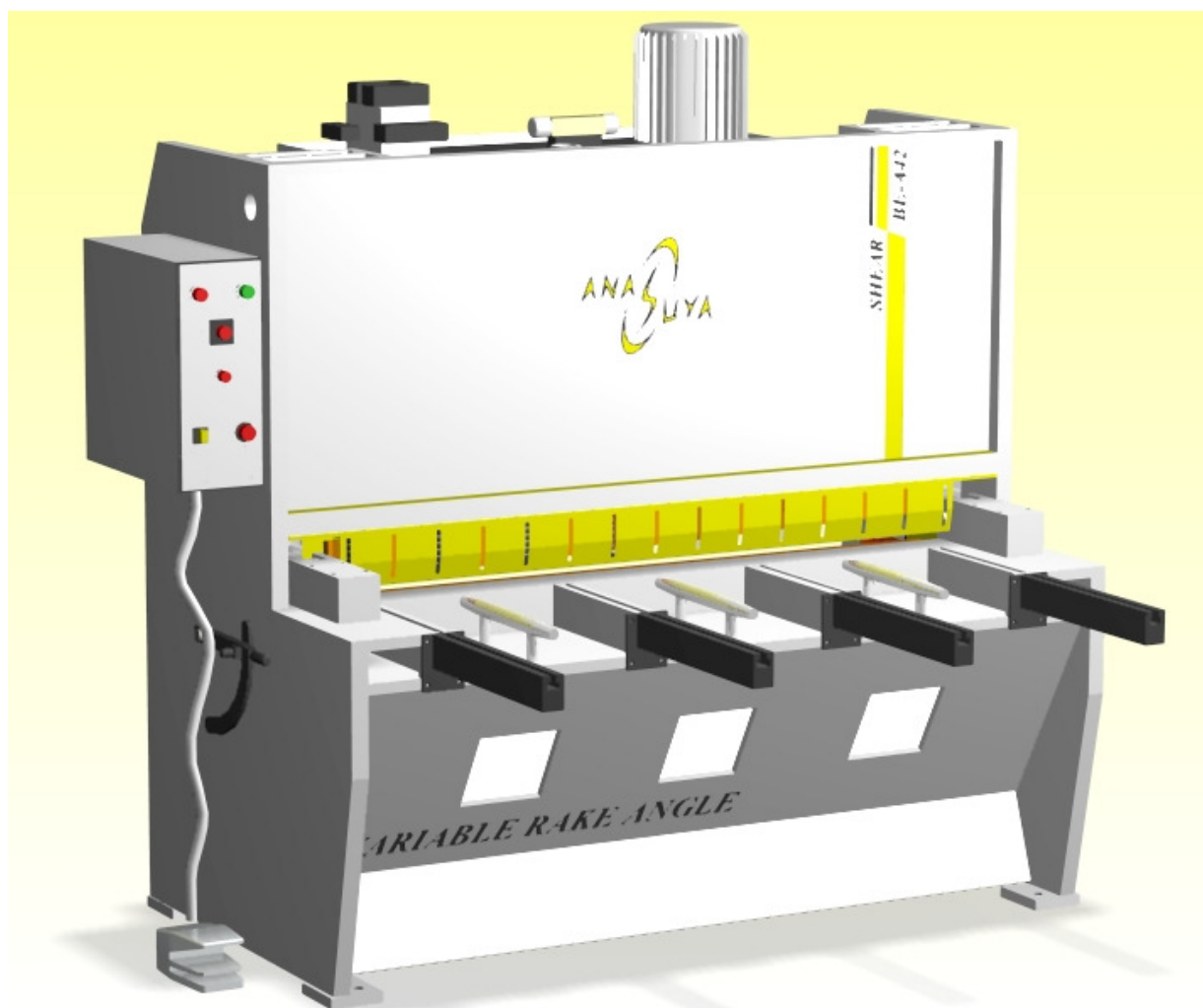




BHAGWATI ENGINEERS

# HYDRAULIC SHEARING MACHINE

‘ANASUYA’ presents to you a range of most technically advanced hydraulic shearing machines with all latest features as per international standards.



## Features:

- » Low initial cost
- » Low tooling cost
- » Easy & Quick setting
- » Enormous versatility
- » Accurate repetition
- » User friendly
- » Easy maintenance
- » Standard spares, hence easy availability

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**Salient Features :**

- » The stable robust, all welded steel frame from ultra sonically tested plates are of top quality. Raw & table designed with special inclined member & box type structure for maximum strength.
- » The top beam is guided by three point roller with replaceable hardened liners for least wear. This eliminates lubrication of steel to provide better quality of cutting for a longer time.
- » Rake angle can be varied to permit shearing of higher thickness than nominal capacity & facilitating distortion free shearing of thin sheets.
- » The fastest & easiest way of blade clearance setting without need of feeler gauge, which helps burr-free edges.
- » Positive holding by hydraulic hold downs before shearing avoids slippage of sheets & independent operation of hold downs for clamping of sheet helps checking of mark without taking shear stroke
- » Front gauging by disappearing stoppers mounted on left squaring arm. Robust, heavy & accurate back gauging to set cutting width.
- » Hydraulic cylinder are designed with both low & high pressure sealing, hard chrome plated rod also with special type guide for long life without leakage.
- » Hydraulic components are of international quality standards & assembled on specially designed compact manifold block for easy maintenance.

**MACHINE CONFIGURATION:**

SR NO.	Cutting Length (MM)	Shearing Capacity Thickness (mm)	Max. rake angle	Nominal rake angle	Max. rake angle	Nominal rake angle	Rake angle range	Min. Rake angle	Max. rake angle	No. of Hold downs	Holdin g Force Kgs	Powe r H.P.	Packing Dimension L x W x H	Approx . Weight Kgs.
1	2500	3.15	4	2	3	1degree 15'	0.5-2 degree	28	13	13	2500	5	3200x1850x1950	3500
2	3000	3.15	4	2	3	1degree 15'	0.5-2 degree	24	9	15	2500	5	3700x1850x1950	4000
3	1250	4	6	3	4	1degree 37'	0.5-3 degree	33	17	5	4000	5	2000x1550x2050	2700
4	1500	4	6	3	4	1degree 37'	0.5-3 degree	30	15	8	4500	5	2250x1850x2050	3200
5	2000	4	6	3	4	1degree 37'	0.5-3 degree	28	13	11	6200	7.5	2750x1850x2050	3500
6	2500	4	6	3	4	1degree 37'	0.5-3 degree	26	8	13	8000	7.5	3300x2250x2400	5000
7	3000	4	6	3	4	1degree	0.5-3	24	6	15	10000	10	3700x2250x2400	6000



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						37'	degree							0	
8	4000	4	6	3	4	1 degree 45'	0.5-3 degree	22	6	20	12000	10	4500x2250x240 0	8100	
9	1500	6	8	4	6	1 degree 45'	0.5-3 degree	24	8	8	6500	10	2250x1900x210 0	4000	
10	2000	6	8	4	6	1 degree 45'	0.5-3 degree	22	7	11	6500	10	2750x1900x210 0	4300	
11	2500	6	8	4	6	1 degree 45'	0.5-3 degree	28	8	13	8500	15	3300x2250x250 0	6000	
12	3000	6	8	4	6	1 degree 45'	0.5-3 degree	24	6	15	10800	15	3800x2250x250 0	6500	
13	4000	6	8	4	6	2 degree	0.5-3 degree	24	6	20	13600	20	4800x2250x250 0	8200	
14	1500	8	10	6	8	2 degree	0.5-3 degree	22	10	8	10500	15	2250x2050x220 0	5200	
15	2000	8	10	6	8	2 degree	0.5-3 degree	18	8	11	12000	15	2750x2050x220 0	6000	
16	2500	8	10	6	8	2 degree	0.5-3 degree	24	8	13	16500	20	3300x2350x260 0	7500	
17	3000	8	10	6	8	2 degree	0.5-3 degree	20	6	15	18500	20	3800x2350x260 0	9000	
18	4000	8	10	6	8	2 degree	0.5-3 degree	20	8	20	23000	25	4800x2350x260 0	12500	
19	1500	10	13	8	10	2 degree	0.5-3 degree	20	10	8	10500	15	2250x2050x230 0	6000	
20	2500	10	13	8	10	2 degree	0.5-3 degree	24	8	13	17500	20	3300x2500x280 0	9000	
21	3000	10	13	8	10	2 degree	0.5-3 degree	20	6	15	20000	20	3800x2500x280 0	11500	
22	4000	10	13	8	10	2 degree	0.5-3 degree	18	6	20	25000	30	4800x2500x280 0	15000	
23	2500	13	16	10	13	2 degree	0.5-3 degree	15	10	13	32000	25	3350x2600x280 0	9000	
24	3000	13	16	10	13	2 degree	0.5-3 degree	12	6	15	37000	25	3800x2600x280 0	12000	
25	4000	13	16	10	13	2 degree	0.5-3 degree	10	4	20	22000	30	4850x2200x280 0	15500	
26	2000	16	20	13	16	2 degree	0.5-3 degree	13	7	11	22000	25	2750x2200x260 0	12000	
27	2500	16	20	13	16	2 degree	0.5-3 degree	15	8	13	40000	30	3500x2600x290 0	15000	
28	3000	16	20	13	16	2 degree	0.5-3 degree	12	6	16	43500	30	4000x2600x290 0	17000	
29	4000	16	20	13	16	2 degree	0.5-3 degree	10	4	20	30000	30	5100x2750x290 0	20000	
30	2500	20	25	16	20	2 degree	0.5-3 degree	15	8	13	48000	40	3500x2750x300 0	18000	
31	3000	20	25	16	20	2 degree	0.5-3 degree	12	6	16	52000	40	4000x2750x300 0	20000	
32	4000	20	25	16	20	2 degree	0.5-3 degree	10	4	20	30000	50	5100x2800x300 0	24000	

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### Standard Accessories:

- » Main Drive Motor
- » Electric Control Panel
- » Operational Console.
- » Pre selector switch to adjust rake angle
- » Lever operated blade clearance with calibration
- » Front sheet support
- » Hardened transfer bar mounted on table
- » Hold down cylinders
- » Four edge HCHCR / HCSR blade Interchangeable & suitable to shear mild and St. Steel
- » Manual back gauge

### Optional Accessories :

- » Motorised back gauge with DRO
- » NC back gauge with ball screw
- » Second squaring arm on left side
- » Front support with roller according to required length
- » Rear sheet support
- » Ball transfer table
- » Degree protector for angular cutting
- » Stroke counter
- » Design with throat depth
- » First fill of hydraulic oil

