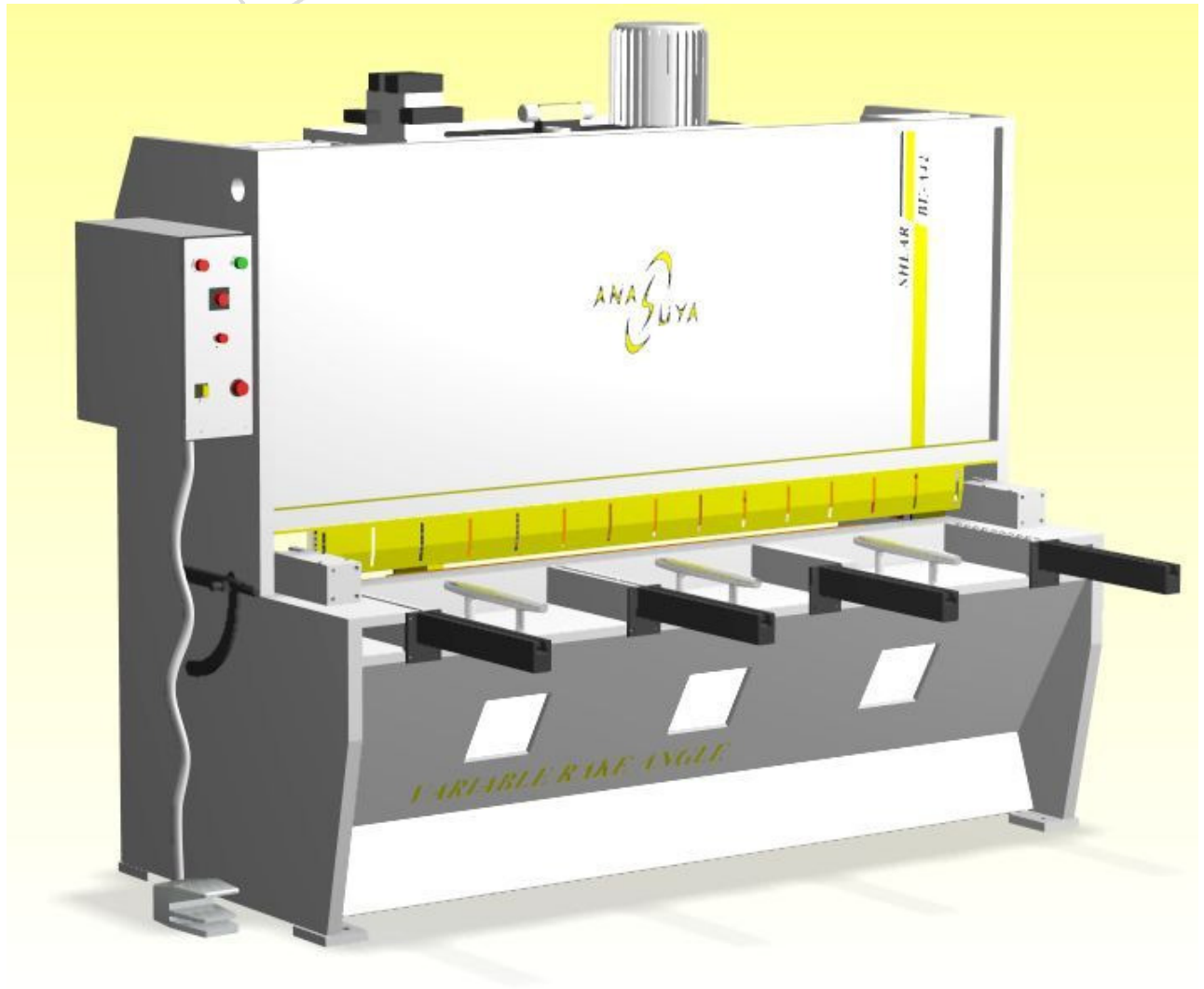




BHAGWATI ENGINEERS

NC HYDRAULIC SHEARING MACHINE

'ANASUYA' presents to you a range of most technically advanced N.C. 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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- The frame is steel-welded construction, vibrating to eliminate stress, with high strength and good rigidity.
- Hydraulic driven and returning stroke is activated by the accumulator or nitrogen cylinder smoothly and promptly.
- The sheet is moved easily through rolling ball equipped on worktable and protect the surface of sheet plate.
- Closed loop control system is composed of NC controller and the encoder. It has the automatic function of inspection and compensation.
- The back gauge driven by servo motor adopts rolling ball screw, rolling guiding way, so it's positioning precision could reach 0.10mm.
- There is a display to count the number of cutting, the stroke of beam could be adjusted stepless. -The clearance of blades could be adjusted by hand Lever 1, the value adjusted is display on the indicating plate.
- Full machine is guarded with safety guard with interlocker to prevent the operator from injured.

MACHINE CONFIGURATION:

SR NO.	Cutting Length (MM)	Mild Steel Shearing Capacity Thickness (mm)	Max. rake Angle	Saint less Steel Nominal rake	Max. rake angle	Nominal rake angle	Rakeangle range	Min. Rake angle	Max. rake angle	No. of Hold downs	Stroke Per Min	Holding Force Kgs	Power 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	5	3200x1850x1950	3500
2	3000	3.15	4	2	3	1degree 15'	0.5-2 degree	24	9	15	2500	5	5	3700x1850x1950	4000
3	1250	4	6	3	4	1degree 37'	0.5-3 degree	33	17	5	4000	5	5	2000x1550x2050	2700
4	1500	4	6	3	4	1degree 37'	0.5-3 degree	30	15	8	4500	5	5	2250x1850x2050	3200
5	2000	4	6	3	4	1degree 37'	0.5-3 degree	28	13	11	6200	7.5	7.5	2750x1850x2050	3500
6	2500	4	6	3	4	1degree 37'	0.5-3 degree	26	8	13	8000	7.5	7.5	3300x2250x2400	5000
7	3000	4	6	3	4	1degree 37'	0.5-3 degree	24	6	15	10000	10	10	3700x2250x2400	6000
8	4000	4	6	3	4	1degree 45'	0.5-3 degree	22	6	20	12000	10	10	4500x2250x2400	8100
9	1500	6	8	4	6	1degree 45'	0.5-3 degree	24	8	8	6500	10	10	2250x1900x2100	4000
10	2000	6	8	4	6	1degree 45'	0.5-3 degree	22	7	11	6500	10	10	2750x1900x2100	4300
11	2500	6	8	4	6	1degree	0.5-3	28	8	13	8500	15	15	3300x2250x2500	6000



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						45'	degree								
12	3000	6	8	4	6	1degree 45'	0.5-3 degree	24	6	15	10800	15	3800x2250x2500	6500	
13	4000	6	8	4	6	2degree	0.5-3 degree	24	6	20	13600	20	4800x2250x2500	8200	
14	1500	8	10	6	8	2degree	0.5-3 degree	22	10	8	10500	15	2250x2050x2200	5200	
15	2000	8	10	6	8	2 degree	0.5-3 degree	18	8	11	12000	15	2750x2050x2200	6000	
16	2500	8	10	6	8	2 degree	0.5-3 degree	24	8	13	16500	20	3300x2350x2600	7500	
17	3000	8	10	6	8	2 degree	0.5-3 degree	20	6	15	18500	20	3800x2350x2600	9000	
18	4000	8	10	6	8	2 degree	0.5-3 degree	20	8	20	23000	25	4800x2350x2600	12500	
19	1500	10	13	8	10	2 degree	0.5-3 degree	20	10	8	10500	15	2250x2050x2300	6000	
20	2500	10	13	8	10	2 degree	0.5-3 degree	24	8	13	17500	20	3300x2500x2800	9000	
21	3000	10	13	8	10	2 degree	0.5-3 degree	20	6	15	20000	20	3800x2500x2800	11500	
22	4000	10	13	8	10	2 degree	0.5-3 degree	18	6	20	25000	30	4800x2500x2800	15000	
23	2500	13	16	10	13	2 degree	0.5-3 degree	15	10	13	32000	25	3350x2600x2800	9000	
24	3000	13	16	10	13	2 degree	0.5-3 degree	12	6	15	37000	25	3800x2600x2800	12000	
25	4000	13	16	10	13	2 degree	0.5-3 degree	10	4	20	22000	30	4850x2200x2800	15500	
26	2000	16	20	13	16	2 degree	0.5-3 degree	13	7	11	22000	25	2750x2200x2600	12000	
27	2500	16	20	13	16	2 degree	0.5-3 degree	15	8	13	40000	30	3500x2600x2900	15000	
28	3000	16	20	13	16	2 degree	0.5-3 degree	12	6	16	43500	30	4000x2600x2900	17000	
29	4000	16	20	13	16	2 degree	0.5-3 degree	10	4	20	30000	30	5100x2750x2900	20000	
30	2500	20	25	16	20	2 degree	0.5-3 degree	15	8	13	48000	40	3500x2750x3000	18000	
31	3000	20	25	16	20	2 degree	0.5-3 degree	12	6	16	52000	40	4000x2750x3000	20000	
32	4000	20	25	16	20	2 degree	0.5-3 degree	10	4	20	30000	50	5100x2800x3000	24000	



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Standard Accessories:

- » Main Drive Motor
- » Electric Control Panel
- » NC back gauge with ball screw
- » Operational Console.
- » 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

Optional Accessories :

- » 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

