

Shearing Machine

Hydraulic Shearing Machine

Model No: DI-093

Features

- Guillotine Type Hydraulically Variable rake angle design.
- Better Cutting accuracy in thin sheets at lower rake angle with twist free cuts.
- The stable robust ultrasonically tested IS 2062 grade welded structure.
- Rigid box Type structure with inclined member for Ram & Table.
- Less power consumption.
- Hydraulic & Electrical Safety interlocks for overloading.
- Better Safety for operator and machine.
- Fast Production on smaller jobs.
- NC up-gradation available.
- Low noise & smooth operation gives higher efficiency of Operator.
- Higher cutting capacity at higher rake angle

Accessories

Standard Accessories – Hydraulic

- Main Drive Motor.
- Electric Control Panel.
- Operational Console.
- 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 8> SS.

Optional Accessories

- (Hy. Shearing machine without NC)
- 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.



Technical Specifications

Length Cutting		Shearing Capacity Nominal Rake Angle				Nominal Rake Angle	Rake Angle range	Rake Angle Stroke per min		No. of Hold downs	Holding Force	Power	Packing Dimension (LXWxH) in mm
Model	in mm	Thickness in mm				in degree	Min.	Max.	in Kg.		in HP		
		M.S.	S.S										
DI-141A	1500	2	2	0.6	0.6	1°	1°	30	30	—	—	3	2000x1000x1250
DI-141B	2000	2	2	0.6	0.6	1°	r	25	25	—	—	3	2500x1250x1500
DI-141C	2500	2	2	0.6	0.6	1°	r	20	20			3	3000x1250x1850
DI-141D	1500	3.15	4	2	3.15	1°15'	0.5-2°	25	15	9	1500	3	2200x1250x1950
DI-141E	2000	3.15	4	2	3.15	ri5	0.5-3°	20	11	11	2000	3	2700x1250x1950
DI-141F	2500	3.15	4	2	3.15	1°15'	0.5-3°	25	13	13	2300	5	3200x1250x2000
DI-141G	3000	3.15	4	2	3.15	1°15'	0.5-3°	21	9	16	2600	5	3700x1400x2100
DI-141H	4000	3.15	4	2	3.15	1°15'	0.5-3°	12	6	20	3200	7.5	4700x1500x2250
DI-141I	1500	4	6	3	4	1°37'	0.5-3°	25	13	8	4500	7.5	2250x1250x2050
DI-141J	2000	4	6	3	4	1°37'	0.5-3°	23	11	11	6200	7.5	2750x1250x2100
DI-141K	2500	4	6	3	4	1°37'	0.5-3°	21	8	13	8000	7.5	3300x1400x2250
DI-141L	3000	4	6	3	4	1°37'	0.5-3°	21	10	16	10000	10	3700x1500x2400
DI-141M	4000	4	6	3	4	1°37'	0.5-3°	15	6	20	12000	10	4700x1650x2600
DI-141N	5000	4	6	3	4	1°37'	0.5-3°	10	3	24	15000	10	5700x1700x2750
DI-141O	6000	4	6	3	4	1°37'	0.5-3°	10	3	28	15000	10	6700x1800x2850
DI-141P	1500	6	8	4	6	1°45'	0.5-3°	22	8	8	6500	10	2250x1300x2100
DI-141Q	2000	6	8	4	6	1°45'	0.5-3°	20	7	11	6500	10	2750x1350x2150
DI-141R	2500	6	8	4	6	1°45'	0.5-3°	24	8	13	8500	15	3300x1500x2300
DI-141S	3000	6	8	4	6	1°45'	0.5-3°	22	6	16	10800	15	3800x1650x2500
DI-141T	4000	6	8	4	6	1°45'	0.5-3°	22	6	20	13600	20	4800x1700x2750
DI-141U	5000	6	8	4	6	1°45'	0.5-3°	18	4	24	16500	20	5700x1800x2850
DI-141V	6000	6	8	4	6	1°45'	0.5-3°	14	3	28	19500	20	6700x1900x2950
DI-141W	1500	8	10	6	8	2°	0.5-3°	15	8	8	10500	10	2250x1350x2100
DI-141X	2000	8	10	6	8	2°	0.5-3°	18	8	11	12000	15	2750x1450x2250
DI-141Y	2500	8	10	6	8	2°	0.5-3°	20	8	13	16500	20	3300x1650x2450
DI-141Z	3000	8	10	6	8	2°	0.5-3°	18	6	16	18500	20	3800x1800x2600
DI-141AA	4000	8	10	6	8	2°	0.5-3°	16	4	20	23000	20	4800x1850x2800
DI-141AB	5000	8	10	6	8	2°	0.5-3°	12	3	24	27000	25	5750x1950x2900
DI-141AC	6000	8	10	6	8	2°	0.5-3°	8	2	28	31000	25	6750x2100x3100
DI-141AD	1500	10	13	8	10	2°	0.5-3°	14	6	8	10500	10	2250x1350x2200
DI-141AE	2000	10	13	8	10	2°	0.5-3°	18	8	11	13000	15	2750x1500x2300
DI-141AF	2500	10	13	8	10	2°	0.5-3°	15	8	13	17500	20	3300x1650x2500
DI-141AG	3000	10	13	8	10	2°	0.5-3°	12	6	16	20000	20	3800x1850x2750
DI-141AH	4000	10	13	8	10	2°	0.5-3°	13	6	20	25000	25	4800x1950x2850
DI-141AI	5000	10	13	8	10	2°	0.5-3°	10	5	24	30000	30	5750x2050x3000
DI-141AJ	6000	10	13	8	10	2°	0.5-3°	8	3	28	35000	30	6750x2200x3300
DI-141AK	2000	13	16	10	13	2°	1-3°	15	8	11	16000	25	2850x1800x2600
DI-141AL	2500	13	16	10	13	2°	1-3°	13	6	13	20000	25	3350x1900x2750
DI-141AM	3000	13	16	10	13	2°	1-3°	11	6	16	25000	25	3800x1950x2850
DI-141AN	4000	13	16	10	13	2°	1-3°	9	4	20	30000	30	4800x2000x2950
DI-141AO	5000	13	16	10	13	2°	1-3°	9	4	24	35000	40	5750x2150x3150
DI-141AP	6000	13	16	10	13	2°	1-3°	7	3	28	40000	40	6750x2300x3500
DI-141AQ	2000	16	20	13	16	2°	1-3°	18	6	11	20000	30	3000x1900x2800
DI-141AR	2500	16	20	13	16	2°	1-3°	15	5	13	25000	30	3500x2000x2900
DI-141AS	3000	16	20	13	16	2°	1-3°	12	5	16	28000	30	4000x2000x3000
DI-141AT	4000	16	20	13	16	2°	1-3°	7	3	20	33000	30	4800x2050x3100
DI-141AU	5000	16	20	13	16	2°	1-3°	7	3	24	38000	40	5750x2250x3300
DI-141AV	6000	16	20	13	16	2°	1-3°	5	2	28	43000	40	6750x2350x3700
DI-141AW	2500	20	25	16	20	2°	1-3°	12	5	13	28000	40	3500x2000x3000
DI-141AX	3000	20	25	16	20	2°	1-3°	11	5	16	35000	40	4000x2100x3200
DI-141AY	4000	20	25	16	20	2°	1-3°	9	4	20	40000	50	4800x2200x3300
DI-141AZ	5000	20	25	16	20	2°	1-3°	8	3	24	45000	60	5800x2350x3500
DI-141BA	6000	20	25	16	20	2°	1-3°	5	2	28	50000	60	6800x2450x4100
DI-141BB	2500	25	30	20	24	2°	1-3°	10	4	13	36000	60	3400x2250x3300
DI-141BC	3000	25	30	20	24	2°	1-3°	8	4	16	45000	60	4000x2300x3300
DI-141BD	4000	25	30	20	24	2°	1-3°	7	4	20	50000	75	5000x2300x3500
DI-141BE	5000	25	30	20	24	2°	1-3°	5	2	24	55000	75	6000x2450x3700
DI-141BF	6000	25	30	20	24	2°	1-3°	3	1	28	60000	75	7000x2600x4300