

Shearing Machines

Shearing Machines have been designed and developed through structural analysis technique for continuous production, accuracy and repeatability having the following main features: Frame: Rigid steel frame of shears are optimally designed to avoid weak sections at load support and is of interlocked design.

The ram is guided throughout its length by accurate machined guideways ensuring proper clearance and clean cut. Hold-down system: Spring loaded mechanical Hold down pads hold the sheet securely, to avoid slipping and bowing resulting in clean square cuts. Holddown units are provided with oversize pads to avoid impressions on sheet metal on request.

Hold-down system: Hydraulic Hold down pads are accurate calm operated pump. Hydraulic Hold down pads hold the sheet securely, to avoid slipping and bowing resulting in clean square cut. Hold down units are provided with oversize pads to avoid impressions on sheet metal on request at extra cost.

Knives: Shears are provided with high quality single segment (HcHcr) Knives for longer tool elite. Ease in assembling of knife reduces down-time. The knife blades are four edged. Lubrication : All bearing parts and guide surfaces are lubricated through hand-operated lubrication system.

Mechanical backgauge: This is standard equipment provided on all shears. Scale on backgauge gives instantaneous reading of distance between shear and backgauge. Thus avoiding errors and maintenance encountered in electronic equipment. Finger guard : Fitted in front of hold-down for operator protection without obstructing viewing.

CUTTING CAP. IN MS length x thickness DEPTH OF THROAT (MM) STROKES PER MINUTE TABLE HEIGHT M (M) MAIN MOTOR OVER ALL DIMENSIONS (APP.)

LENGTH	BREADTH	HEIGHT						
1270 x 2	50	50	785	2	2000	1400	1300	
1525 x 2	50	50	785	2	2500	1400	1300	
2030 x 2	50	50	785	3	3000	1400	1300	
2540 x 2	62	50	800	3	3500	1700	1400	
1270 x 3	70	50	800	5	2290	2000	1525	
2000 x 3	70	50	800	7.5	2540	2000	1525	
2500 x 3	70	50	910	10	3050	2000	1525	
3125 x 3	70	50	910	15	3550	2000	1525	
1270 x 4	75	50	900	5	2290	2000	1525	
1525 x 4	75	50	900	5	2540	2000	1525	
2030 x 4	75	50	900	7.5	3050	2000	1525	
2540 x 4	75	50	900	10	3550	2000	1525	
3125 x 4	75	50	900	15.5	4200	2000	1525	