

UNDER CRANK SHEARING MACHINE



DESCRIPTION

MARUTI Shearing Machines have been designed and developed through structural analysis for continuous production, accuracy and repeatability.

FRAME :

Ridig steel frame of Maruti Shears are optimally designed to avoid weak sections at load supports and is of interlocked design. The ramis guided throughout it's length by accurate machined guide ways 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. Hold down units are provided with oversize pads to avoid impression on sheet metal on request.

KNIVES :

Maruti Shears are provided with high quality single segment (HcHcr) Knives for longer tool life. Ease in assembling of knife reduces down-time. the knife blades are four edged.

LUBRICATION :

All bearing parts and guide surface are lubricated through hand-operated lubrication system.

FLY WHEEL :

The Fly Wheel is made of high grade cast iron & it is balanced for storing & releasing adequate energy forthe operations.

MECHANICAL BACK GAUGE :

This is the standard equipment provided on all Maruti Shears. Scale on the back gauge gives instantaneous reading of distance between shears and back gauge. Thus avoiding errors and maintenance encountered in electronic equipment.

FINGER GUARD :

Fitted in front of hold-down for operator protection without obstructing viewing.

FEATURE

- Foot pedal
- Fly wheel and gear guard
- Self lubrication system
- Motor pulley

SPECIFICATIONS

- All dimensions are in mm
- Power supply 400/440 volts, 3 phase, 50 cycles
- We reserve the rights to alter specifications without notice
- Undergo stringent quality checks for easy and smooth operation

TECHNICAL SPECIFICATIONS

Model	Cutting Cap. in M.S. (Length x Thick)	Depth of Throat	Stan. Front Gauge	Stan. Rear Gauge	Table (Height/Width)	Blade (L x W x T)	Stroke Per Minute	Hold Down to Knife Edge	Machine (L x W x H)	Main Motor HP / KW	Approx. Weight Kgs.
MUS212	1270 x 2	80	600	750	850/425	1270 x 50 x 12	60	20	2200 x 1950 x 1400	2/1.5	1800
MUS215	1525 x 2	80	600	750	850/425	1525 x 50 x 12	60	20	2450 x 1950 x 1400	3/2.2	2050
MUS220	2030 x 2	80	600	750	850/425	2030 x 50 x 12	60	20	2950 x 1950 x 1400	5/3.7	2600
MUS225	2540 x 2	80	600	750	850/425	2540 x 50 x 12	50	20	3450 x 1950 x 1400	5/3.7	3350
MUS231	3125 x 2	80	600	750	850/425	3125 x 50 x 12	50	20	4150 x 1950 x 1400	7.5/5.6	4100
MUS412	1270 x 4	80	600	750	850/450	1270 x 63 x 14	50	25	2290 x 2000 x 1525	5/3.7	2500
MUS415	1525 x 4	80	600	750	850/450	1525 x 63 x 14	50	25	2540 x 2000 x 1525	5/3.7	2900
MUS420	2030 x 4	80	600	750	850/450	2030 x 63 x 14	50	25	3050 x 2000 x 1525	7.5/5.6	3300
MUS425	2540 x 4	80	600	750	850/450	2540 x 63 x 14	50	25	3550 x 2000 x 1525	7.5/5.6	4000
MUS431	3125 x 4	80	600	750	850/450	3125 x 63 x 14	50	25	4200 x 2000 x 1525	10/7.5	4750