

Product Name :
Undercrank Mechanical Motorised Shearing Machine

Product Code :
NLAB-MACHINELABWK16001



Description :

Undercrank Mechanical Motorised Shearing Machine

Technical Specification :

Undercrank Mechanical Motorised Shearing Machine .

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.

MODEL 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

AMI-6 2000 x 3 70 50 800 7.5 2540 2000 1525

AMI-7 2500 x 3 70 50 910 10 3050 2000 1525

AMI-8 3125 x 3 70 50 910 15 3550 2000 1525

AMI-9 1270 x 4 75 50 900 5 2290 2000 1525

AMMO 1525 x 4 75 50 900 5 2540 2000 1525

AMI-11 2030 x 4 75 50 900 7.5 3050 2000 1525

AMI-12 2540 x 4 75 50 900 10 3550 2000 1525

AMI-13 3125 x 4 75 50 900 15.5 4200 2000 1525

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