

ROPER  WHITNEY.



## MSE1016 Mechanical Shear

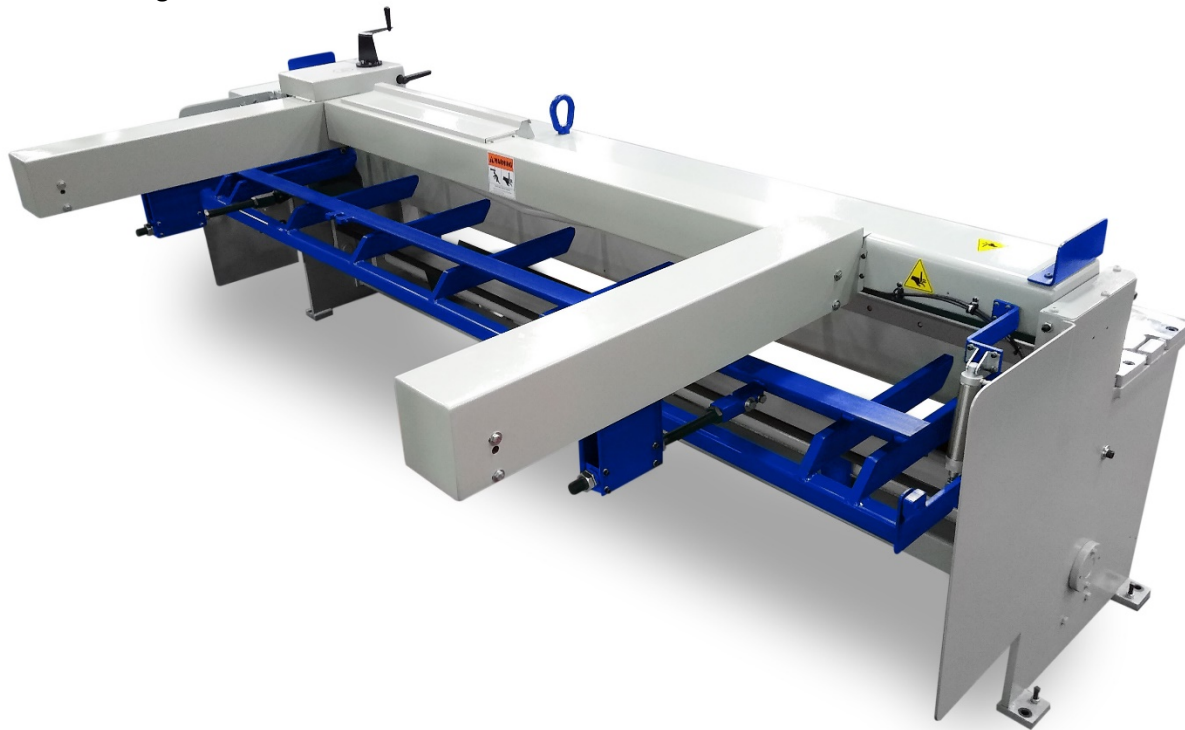
USA  MADE

# MSE1016

Roper Whitney's low profile MSE1016 Mechanical Shears utilize a simple low maintenance design, coupled with an array of standard features for an attractive combination of high value and solid performance. The MSE1016 is available in three configurations **MSE1016-R**, **MSE1016-F** and **MSE1016-FC**.

The MSE1016 comes standard with four-edge, high carbon, high chrome blades, a self-leveling hold down bar with neoprene insert, single, continuous and jog stroke cycles, motor reverse switch, precision-machined table, dual inch/metric inlaid bed scales and non-metallic gibs. The MSE1016 capacities are 16-gauge mild steel, 22-gauge stainless up to 121 inches in cutting length with cutting speeds of 35 strokes per minute.

- The **MSE1016-R** shear is standard in a "Performance Package-R" configuration. The Performance Package includes: a 5' squaring arm, a pair of front support arms, rear material return air operated sheet support system.
- The **MSE1016-F** shear is standard in a "Performance Package-F" configuration. The Performance Package includes: a 5' squaring arm, a pair of front support arms, front material return air operated sheet support system.
- The **MSE1016-FC** includes all the features of the MSE1016-F, but also includes a front return material cart as standard. The material cart allows for sheared materials to be moved from the shear to other areas in the shop without restacking.



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## **2x Backgauge with Digital Readout**

The MSE1016 comes standard with the unique 2x backgauge system. The design of the 2x allows the operator to position the back stop from 0" to 30" with only two rotations of the handle. The Speed of the 2x system is unmatched with positioning speeds of just 2 seconds. With the combination of the digital readout for the 2x backgauge system, the operator adds both speed and accuracy to the job. The optional digital display shows measurements in 0.001" increments. Longer travel ranges are available by request.



## **Sheet Support System**

The sheet support system is recommended for gauging of thin material. With this air-powered support mechanism, one operator can effectively shear cumbersome, light-gauge stock. The sheet support system is available in two styles: System F is a front return support which drops sheared parts to a front chute for easy retrieval; and support System R which drops sheared material to the rear of the machine. Unlike competitive front return systems, with the MSE1016 you can cut materials longer than the standard back gauge length by deactivating the sheet support.

## **Squaring Arm**

The 5' squaring arm is a precision gauge, which can be mounted left or right and has inlaid inch/metric scaling and adjustable guide block. Also available in 10' or 12' lengths. A toggle on the block lets sheet stock slide underneath, then pivots to the stop position.



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## Specifications

Maximum Shearing Capacity, Mild Steel Mild Steel Rated Materials at 80,000 Tensile / 44,000 Yield	16 gauge / 1.5mm
Maximum Shearing Capacity, Stainless Steel Stainless Rated Materials at 90,000 Tensile / 55,000 Yield	22 gauge / 0.75mm
Maximum Cutting Length	121" / 3073mm
Backgauge Range	30" / 762mm
Strokes per Minute	35
Hold-Downs	Solid Bar with Non-Marring Urethane Insert
Motor-230/460v, 3-phase, 60Hz	3 hp
Overall Dimensions, Less Gauges, L x W x H	139" x 27" x 50"
Floor Space, Gauges in Position	139" x 60" x 50"
Shipping Weight	4,150 lbs