



# *The* McIntyre 407i Shear

An affordable and efficient 407mm (16") blade shear with enough power and speed to handle a wide variety of cutting tasks



JMC Recycling Systems Ltd

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# The McIntyre 407i Shear

## Built for larger cleaning and shearing operations

### ROBUST

Built originally for scrapyards use, the 407i shear is robust and durable enough for the most difficult of working environments.

### POWERFUL

The 407i is powerful enough to deal with a wide range of operations including: the cleaning of automotive aluminium scrap, whole gear-boxes, cylinder heads and blocks, oversized gate valves, and the handling of all non-ferrous separations. It is also used extensively for cropping ferrous materials, where the longer blade length is an advantage. The 407i can also be fitted with an optional catalytic converter bracket, which can be used to recover valuable precious metals from waste converters.

### BETTER BY DESIGN

The 407i features a pivoting blade guard system which is simple to use and gives good visibility to the operator. Although wheels are fitted as standard, forklift lifting points have also been included on the body of the machine to facilitate movement of the shear both within the yard and during transportation. The cutting blades on the 407i can cut on all four edges. This ability means that the blades can be removed, rotated through 180 degrees and re-fitted to expose each edge in turn before the blade needs to be re-sharpened. The blades are deep-hardened for extended life. A large capacity hydraulic oil tank ensures a cooler running machine which in turn protects hydraulic components from excessive wear, and hard-chromed hydraulic ram rods help to prolong seal life.

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## Technical Data

### 407i Shear

**Blade length** 16", 407mm  
**Blade Opening Tip to Tip** 10" / 255mm  
**Weight (Full)** 720kg  
**Motor Size**  
10hp (7.5kW) 3 phase  
7.5hp(5.5kW) 1 phase

**Speed** (3 phase version)  
63 cuts per minute jaws quarter open  
11 cuts per minute jaws fully open

**Length** 60<sup>1/2"</sup> / 1555mm

**Width** 32<sup>3/4"</sup> / 883mm

**Height** 45<sup>1/2"</sup> / 1115mm

**Control** - Foot pedal operated

## Cutting Capacity

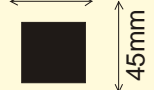
### Mild Steel 43A

57mm, 2<sup>1/4"</sup> Dia



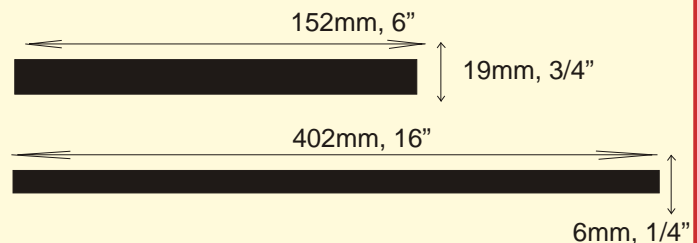
Round bar

45mm



Square bar

### Flats



200 8" shear

320 12" shear



4000 16" shear



500 20" shear

