



## The New JMC GT 500 Shear

An affordable and efficient 508mm (20") blade shear with enough power and speed to handle a wide variety of cutting tasks



Also available in green and yellow

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# The JMC GT 500 Shear

## Low hydraulic system with extended cutting blade

### VERSATILE

This 320/500 hybrid was originally designed for the cutting of reels of carpet, with the additional feeding table to allow the carpet to be safely and easily fed into the shear. The GT 500 consists of the body and power of the 320 shear with the additional blade length of the 500 shear.

### POWERFUL

The JMC GT 500, is a 20", 508mm hydraulic shear which 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. It can even be used to cut non-metals such as carpet reels.

### BETTER BY DESIGN / NEW INNOVATIONS

Now, specially re-designed to combine the body and power of a 320 shear with the blade length of the 500 shear.

Opening and closing of the jaws is controlled from a movable foot pedal. The cutting blades return immediately to the open position once pressure on the foot pedal is released - thereby increasing operator safety. A continuous cutting action can be achieved by keeping the foot pressure on the pedal. A manual hold-down clamp is provided to prevent kick back of material, and to maintain a safe distance between the operator and the machine blades.

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 GT 500 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.

## Technical Data

### GT 500 Shear

Blade length 20", 508mm

Blade Opening Tip to Tip 9 3/4" / 250mm

Weight (Full) 660kg

### Motor Size

10hp (7.5kW) 3 phase

5hp(3.7kW) 1 phase

### Speed (3 phase version)

70 cuts per minute jaws quarter open

18 cuts per minute jaws fully open

Length 54" / 1372mm

Width 28<sup>1/4"</sup> / 720mm

Height 50<sup>1/2"</sup> / 1282mm

Control - Foot pedal operated

## Cutting Capacity

### Mild Steel 43A

### Cutting Capacity

#### Mild Steel 43A

50mm, 2" Dia



Round bar

40mm



Square bar

Angles



76mm x 9.5mm

T Section



76mm x 76mm x 9.5mm

I Beams



100mm x 44.5mm

Flats



8mm, 5/16"



200 8" shear

320 12" shear



4000 16" shear



500 20" shear

