



**JMC RECYCLING SYSTEMS**  
For all your metal recycling needs

# JMC 500 Shear



500 Shear with Electric Motor

**This new-generation shear is faster and more powerful than any other machine in its field and features automatic hold down and a 500mm blade.**

**The JMC 500 is available with either electric motor or diesel engine.**



500 Shear with Diesel Engine

## **JMC Recycling Systems Ltd**

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## JMC 500 Shear

### FAST AND STRONG

This 500mm blade has been built for power and speed and will out-perform every other machine in its field. The JMC 500 has enough shear force to deal with a wide range of operations and materials 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. The 500 can also be used for cropping ferrous metals.

### EASY TO OPERATE

The JMC 500 features an automatic hold-down clamp which holds material in place during the cutting cycle. It also comes complete with locking rubber wheels for easy movement around your yard.

### SAFETY

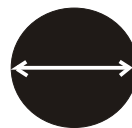
Opening and closing of the laws is controlled from a moveable foot pedal. The cutting blades return immediately to the open position once pressure is removed from the foot pedal - Increasing operator safety. A continuous cutting action can be achieved by keeping pressure on the foot pedal.

### Technical Data

<b>Machine Dimensions:</b>	1700 x 912 x 1500mm (LxWxH)
<b>Blade Length:</b>	508mm / 20"
<b>Tip to Tip opening:</b>	258mm / 10.2"
<b>Shearing Height:</b>	980mm / 38.6"
<b>Weight with Oil:</b>	1140kg
<b>Oil Capacity:</b>	280 Litres / 62 Gallon
<b>Noise Level:</b>	76 +/- 3dBA
<b>Cut Control:</b>	Single Cut - Repeating
<b>Standards Electrical Requirements:</b>	32A / 3ph / 380-415v / 50Hz
<b>Power Rating:</b>	7.5kW / 10hp
<b>Motor Speed:</b>	1460 rpm
<b>Max System Pressure:</b>	241 Bar / 3500psi
<b>Max Shear Force:</b>	100 Tonnes
<b>Fully Open Cut Speed:</b>	15 dry cycle/per min
<b>40% Stroke Cut Speed:</b>	45 dry cycle/per min

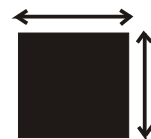
### Cutting Capacity - Mild Steel

63mm (2.5")



Round bar

50mm (2")



Square bar

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