



# JMC RECYCLING SYSTEMS

For all your metal recycling needs

## JMC 407 Shear



**Recover precious metals from  
Catalytic Convertors**



An extra clamp for re-opening catalytic converters once they are cut, to remove the dust from inside the catalytic converter.

### JMC Recycling Systems Ltd

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## JMC 407 Shear

The JMC 407 CAT Shear has been purpose-built for recovering valuable precious metals from catalytic convertors. The catalytic convertor is simply placed in the jaws is controlled by a moveable foot pedal. The pinched end of the convertor is then re-opened on a side bracket allowing the contents to be poured out.

The JMC 407 CAT comes complete with a filtration system to remove dust which may also contain precious metals.

Although designed for catalytic convertors, the 407 CAT Shear 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.

The 407 CAT Shear is a valuable addition to any non-ferrous metal operation.

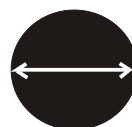


### Technical Data

<b>Machine Dimensions:</b>	1580 x 712 x 1430mm (LxWxH)
<b>Blade Length:</b>	407mm / 16"
<b>Tip to Tip opening:</b>	225mm / 8.8"
<b>Shearing Height:</b>	910mm / 35.8"
<b>Weight with Oil:</b>	900kg
<b>Oil Capacity:</b>	200 Litres / 44 Gallon
<b>Noise Level:</b>	75 +/- 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>	214 Bar / 3100psi
<b>Max Shear Force:</b>	75 Tonnes
<b>Fully Open Cut Speed:</b>	11 dry cycle/per min
<b>40% Stroke Cut Speed:</b>	28 dry cycle/per min

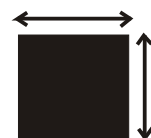
### Cutting Capacity - Mild Steel

56mm (2.25")



Round bar

45mm (1.7")



Square bar

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