



# 407 SHEAR

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

## ROBUST

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

## POWERFUL

The 407 is a powerful enough to deal with a wide range of operations including: the cleaning of automotive aluminum 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. The 407 can also be fitted with an optional catalytic converter bracket which can be used to recover valuable precious metals from waste catalytic converters.

## BETTER BY DESIGN

The 407 features a blade guard system which is simple to use and allows 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 of the 407 can cut on all four edges. This means that the blades can be removed, rotated through 180° and re-fitted to expose each edge in turn before the blades need to be replaced. The blades are deep-hardened for extended life. The hydraulic ram has a hardened chrome rod, which reduces wear and helps to prolong seal life.

Both single and three phase versions are available.

Whilst we make every effort to ensure that our information is correct, technical data is for guidance only and subject to change. If any dimension or performance indication is particularly important to you, please check it with us before ordering

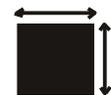
## Technical Data

<b>Machine dimensions:</b>	1590 x 712 x 1350mm
<b>Blade length:</b>	407mm / 16"
<b>Tip to tip opening:</b>	225mm / 8.8"
<b>Shearing height:</b>	931mm / 36.6"
<b>Weight with oil:</b>	900kg
<b>Oil capacity:</b>	200 Liters / 44 Gallon
<b>Noise level:</b>	75 +/- 3dBA
<b>Cut control:</b>	Single cut - repeating
<b>Standard electrics:</b>	32A / 3ph /380-415v / 60Hz
<b>Power rating:</b>	7.5 kW / 10hp
<b>Motor speed:</b>	1450 rpm
<b>Max system pressure:</b>	214 Bar / 3100 psi
<b>Max shear force:</b>	90 Tons
<b>Cut speed - fully open:</b>	11 cuts/min (dry cycle)
<b>Cut speed - 40% open:</b>	28 cuts/min (dry cycle)

### Cutting capacity -mildsteel:



56mm (2.25")



45mm (1.75")

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