

The logo for MDE, featuring the letters 'MDE' in a bold, stylized font. The 'M' is red, and the 'DE' is white with a red outline. The background of the entire image is a photograph of a tree shear attachment on an excavator, positioned in a forest. The attachment is black and orange, with a koala illustration and the number '150' on its side. It is shown cutting through a large tree trunk.

MDE

MANAGE | DESIGN | ENGINEER

KOALA TREE SHEAR RANGE

150 | 200 | 300 | 400



WHO IS MDE MACHINERY?

MDE is a forward thinking, imaginative manufacturer based just outside the small village of Markethill, Northern Ireland. Since MDE was formed in 2013, founders Mark and Dean Belford have been leading the company into rapid yearly growth.

“As children we made our own toys to play with in the garden, our dreams were that someday we would own a factory making toys for other children. As the years progressed so did our enthusiasm for engineering. We have never seen engineering as a job or career it’s our passion!”

MDE’S vision and dream is now to become a global manufacture that people can put their trust in when building the equipment they need. MDE currently can be found in over 12 different countries and as far away as New Zealand. They are always striving to push the MDE brand globally and welcome any international dealers to be part of their team.

MDE work closely with their customers and dealers to improve and discover new products. They believe in order to design world market leading equipment they need their customers opinions and ideas. MDE specialise in the design and manufacture of quarry, recycling, agricultural and forestry equipment.

MDE officially launched the Koala Tree Shear range in 2014.

Made from high strength steel and armed with a replaceable blade it comes as no surprise that the Koala Tree Shear has become a huge success across the globe. The MDE Koala range was designed with a purposely built heavy chassis, to ensure it is stronger, more resilient and robust than anything else in its market category.





Koala150

The smallest and latest member of our Koala family is our K150. Although small in stature the K150 should never be underestimated, this is a very powerful little shear. The K150 is an ideal attachment for use in the utilities sector, as well as forestry thinning.

Koala150 Specification

Cutting Diameter	150mm 6"
Weight	100kg
Excavator Size	1.5-5 Ton
Bolt on Hitch	✓
Replaceable Blade	✓
Hardox Body	✓

Koala200

The K200 is super lightweight yet extremely strong. With a 10mm hardox chassis and a massive biting force of over 47ton, our K200 is no toy! The K200 is the perfect choice for trimming limbs, bushes on roadside verges, clearing lanes and roadways throughout a forest.

Koala200 Specification

Cutting Diameter	200mm 8"
Weight	215kg
Excavator Size	2.7-10 Ton
Bolt on Hitch	✓
Replaceable Blade	✓
Hardox Body	✓





Koala

Application Areas

- Fast harvest of small trees, bushes and strong wood.
- Harvesting and maintenance of forestry.
- Maintenance work in the utilities sector.
- Private and commercial landscape maintenance.
- Suitable for the clearing of agricultural land.
- Maintenance of roadways, railways and canals.

Key Features

- Materials are easier handled to drop off areas
- Easily removes trees & bushes
- Low cost efficient attachment
- Improves operators safety
- Low maintenance cost
- Simple and easy to use
- Lowers your labour costs
- Quick and easy to set up
(aux pipes hammer pipes)



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 **Hardox Replacable Blade**

 **Bolt on Hitch**

 **Hardox Shear Arm**

 **Hardox Body**



Koala300

There is a reason the K300 is our number one selling tree shear. The K300 will operate on the vast majority of excavators and is ideal for small and large scale operations. Our K300 is a great attachment for clearing and maintaining forestry lands. With its 12mm hardox chassis, the K300 is the ideal attachment for ripping through agricultural hedging and trees.

Koala300 Specification

Cutting Diameter	300mm 12"
Weight	425kg
Excavator Size	6-21 Ton
Bolt on Hitch	✓
Replaceable Blade	✓
Hardox Body	✓

Koala400

The K400 is "THE ORIGINAL" design in our Koala range. The K400 was the first and biggest of the Koala family. Built back in 2014 with a 15mm hardox chassis and 40mm hardox arm, the K400 has come a long way. Power is no issue with a biting force of over 3 times more than that of the K200. The K400 is no doubt the "King" of the Koala's!

Koala400 Specification

Cutting Diameter	400mm 16"
Weight	760kg
Excavator Size	12-36 Ton
Bolt on Hitch	✓
Replaceable Blade	✓
Hardox Body	✓



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