



# KOALA

## TREE SHEAR RANGE



## 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 now is to become a global manufacturer that people can put their trust in when building the equipment they need. MDE currently can be found in 24 different countries and as far away in New Zealand. We are always striving to push the MDE brand globally and welcome any international dealers to be part of our team.

MDE work closely with their customer’s and dealers to improve and discover new products, we believe to design world market-leading equipment we need our customers’ opinions and ideas.



# 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	104kg
Excavator Size	1.5-5 Ton
Bolt on Hitch	✓
Replaceble 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	✓
Replaceble 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)



# MJE

MANAGE | DESIGN | ENGINEER



**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	✓
Replaceble 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	✓
Replaceble Blade	✓
Hardox Body	✓





# Koala550

Weighing 1600kg, this is one of the most heavy duty tree shears you'll come across on the market. Its heavy chassis ensures that it's stronger, more resilient and robust than anything else in its market category.

## Koala550 Specification

Cutting Diameter	550mm 21"
Weight	1823kg
Excavator Size	16-40 Ton
Bolt on Hitch	✓
Replaceable Blade	✓
Hardox Body	✓

## Optional Extras

### Collector Unit

Ideal for thinning young forests, the Koala collector allows operators to cut and collect thin trees & timber. This allows for bunching small pieces of timber inside the Koala.

### 55° Tilt Rotator

The Koala 55° tilt is our own in-house design. It offers a simple and strong solution of tilting. By simply using two hydraulic cylinders you are able to tilt 55° left and right. It makes removing overhead branches a lot easier and safer, especially in rough and uneven terrains.





110 Seagahan Road,  
Collone,  
County Armagh,  
Northern Ireland  
BT60 2BJ

Tel: +44 (0)28 3760 0640  
Email: [mark@mdemachinery.com](mailto:mark@mdemachinery.com)

[www.mdemachinery.com](http://www.mdemachinery.com)

