



MANAGE | DESIGN | ENGINEER



# SCORPION

EXCAVATOR GRAB RANGE



## WHO ARE 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 over 14 different countries, and as far away as 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.



# Scorpion - S500

The smallest member of the Scorpion family. Although small in stature the Scorpion S500 should never be underestimated with its powerful gripping force, this attachment has no issue with ripping and holding every bite you assign it too.

## Scorpion S500 Specification

Scorpion width	1.6ft / 500mm
Excavator Size	1.5t - 4t
Teeth Thickness	10mm
Teeth Separation	112mm
Teeth Depth	400mm
Grapple Opening	670mm
Hardox Teeth	✓
Bolt On Hitch	✓
Hardox Body	✓

# Scorpion - S750

The S750 grab features a single cylinder, and hardox design. Its powerful hydraulic cylinder provides excellent gripping force, allowing for efficient and precise handling of materials.

## Scorpion S750 Specification

Scorpion width	2.6ft / 750mm
Excavator Size	4t - 7t
Teeth Thickness	15mm
Teeth Separation	170mm
Teeth Depth	460mm
Grapple Opening	800mm
Hardox Teeth	✓
Bolt On Hitch	✓
Hardox Body	✓





# Scorpion

## Application Areas

- Private and commercial landscapes
- Forestry work loading logs, clearing brush
- Agricultural clearing over growth loading material
- Utilities sector maintenance work and emergencies
- Construction sector loading and clearing debris

## Key Features

- Materials are easier handled
- Hardox teeth for pulling out roots
- Easily picks up trees, bushes and boulders
- Improves operator safety
- Quick and easy to setup  
(aux pipes hammer pipes)
- Double cylinders for extra grip







# Scorpion - S900

MDE S900 is a valuable addition to any construction or demolition site, offering excellent performance, durability, and versatility. Capable of handling a wide range of materials including rocks, logs, scrap metal, and demolition debris.

## Scorpion S900 Specification

Scorpion width	3ft / 900mm
Excavator Size	8t - 12t
Teeth Thickness	20mm
Teeth Separation	200mm
Teeth Depth	560mm
Grapple Opening	930mm
Hardox Teeth	✓
Bolt On Hitch	✓
Hardox Body	✓

# Scorpion - S1100

The Scorpion S1100 is an ideal attachment for small or large scale operations and will operate on the vast majority of excavator sizes, keeping up with high output operations. This being so, is the reason the S1100 is our number one selling Scorpion grab to date.

## Scorpion S1100 Specification

Scorpion width	3.6ft / 1100mm
Excavator Size	12t - 18t
Teeth Thickness	30mm
Teeth Separation	230mm / 9"
Teeth Depth	720mm
Grapple Opening	1300mm
Hardox Teeth	✓
Bolt On Hitch	✓
Hardox Body	✓





# Scorpion - S1600

The Scorpion S1600 shares a similar story to our Koala 400 tree shear, meaning this grab is the original design and first made. Although some small changes in features, the base unit has never changed, gripping force and strength has always been the Scorpion's number one priority, there is no doubt the S1600 is the Scorpion king!

## Scorpion S1600 Specification

Scorpion width	5.2ft / 1600mm
Excavator Size	16t - 30t
Teeth Thickness	30mm
Teeth Separation	230mm
Teeth Depth	810mm
Grapple Opening	1390mm
Hardox Teeth	✓
Bolt On Hitch	✓
Hardox Body	✓



**MJE**  
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