

TRIDENT Range

The TRIDENT range of flail mowers is specially constructed for the maintenance and fine turf finish of large grassland areas.

Country Estates, Racecourses, Golf Courses, Motorsport Circuits and other large areas where a quality finish is a prerequisite all suit the large capacity of the TRIDENT range.

Providing the same quality of finish as a cylinder mower, with low maintenance costs the TRIDENT is the robust tool for all of your large area mowing requirements.

- 4.3 and 5.0 metre Cutting Widths
- Turf or Road Tyres
- Hydraulically Folding to Transport width of 2.8m
- Detachable 1.8M Rear Unit
- Heavy Duty High Power Gearboxes
- 540RPM PTO
- Over – run PTO Protection & Slip Clutch
- Double Skin Body
- Twisted Flail
- 15mm to 100mm Cutting Heights
- 5mm Maximum Cutting Diameter
- Rear Lighting Kit

MODEL	TRIDENT 4000	TRIDENT 5000
Cutting Width	4.30m	5.00m
Overall Width	5.00m	5.70m
Transport Width	2.50m	2.50m
Overall Length	3.80m	3.80m
Transport Height	2.80m	3.20m
Machine Weight	1800kg	1980kg
Cutting Range	15 - 100mm	15 - 100mm
Cutting Unit Overlap	250mm	250mm
Wing Work Angle	45° up/ 15° down	45° up/ 15° down
Number of Flails	156	180
PTO Speed	540rpm	540rpm
Tractor Power Required*	80hp	90hp

*Dependant on conditions



TRIDENT Features

Pendulum Mounting

The three cutting sections of the TRIDENT are pendulum mounted in the hydraulically folding carrier frame providing the flexibility to follow undulating ground contours and leave a manicured and equal finish.

Even Spread

Cuttings are transported up and over the rotor and then blown downwards into the cut surface. This process ensures a fine mulch, an even distribution and a faster decomposition.

Rear Roller

Each of the three cutting sections is fitted with a 140mm Rear Roller to set the cutting height and lightly roll any stones or debris back into the turf

Transmission

The machine transmission can be mechanically or automatically disengaged when lifting or lowering the sections to enable cutting with the wings in the folded position without compromising on safety.

Finish

The TRIDENT leaves a fine mulch and manicured finish through the unique rotor and flail arrangement. The cutting quality is especially prevalent in fine turf applications.

Double Spiral Rotor

The Double Spiral Rotor offers:

- A consistent rotor load
- A consistent through flow of material
- Increased Output
- Low Power Requirement
- Fine Cut Finish
- Low Maintenance Cost

The double spiral rotor gives a dual chop action and constant suction to ensure a fine mulch. In fine turf locations this chopping action is important to improving the ley of the grass.

Safety

Projections from the cutting sections are minimised by the addition of front and rear flap kits that encapsulate the body of the machine. Stones are kept within the flail and run back into the ground by the rear roller.

Removable Centre Section

The Rear Centre Section of the TRIDENT can be removed for standard three point linkage mounting where tasks require a smaller working width.

Cutting Height Adjustment

The cutting height is easily adjusted and controlled by the rear rollers.

