

MT503

POWERFUL COMMERCIAL FLAIL / CYLINDER MOWER



- **Robust Ransomes® MT flail units**
- **Powerful, clean, green Stage V 49.6HP engine**
- **Ultra-comfort, smart operator platform**
- **Easily adaptable to MAGNA cylinders**

The MT503 leaves a Ransomes premium striped finish with superior clipping distribution, whether you're cutting longer grass or finer turf. Featuring onboard diagnostics and optional tilt sensor technology, it's powered by a Stage V 49.6 HP engine and armed with our own heavy-duty MT flail cutting units or industry-proven Magna cylinders.

With safe on the road components, the Ransomes operator is well positioned for all around views when transporting. Electronic unit locks make safe transport easy and optional LED / halogen road lights and mirrors are available for increased visibility. A temperature controlled reversible engine fan and dual zone air intake hood keep all systems cool and uptime at a maximum. The SureTrac™ 4WD parallel cross-series system automatically transfers drive where needed for hill climbing and side slope operation.

FLAIL

CUTTING WIDTH

2.15M
[85"]

HEIGHT OF CUT

20-65MM
[0.8" - 2.6"]

CUTTING CAPACITY

2.32HA/HR
at 12 km/hr [5.73 acre/
hr x 7.5 mph]

MOWER ENGINE

37kW
[49.6hp] Kubota® Stage V

CYLINDER

CUTTING WIDTH

2.15M
[85"]

HEIGHT OF CUT

12.7-61MM
[0.5 -2.4"]

CUTTING CAPACITY

2.32HA/HR
at 12 km/h [5.74 acre/
hr x 7.5 mph]

MOWER ENGINE

37kW
[49.6hp] Kubota® Stage V

ANY LESS COSTS MORE.

For information and support:
www.ransomes.com / +44 [0] 1473 270 000



MT503 POWERFUL COMMERCIAL FLAIL / CYLINDER MOWER

KEY ATTRIBUTES	FLAIL	CYLINDER
CUTTING WIDTH	2.15 m [85"]	
HEIGHT OF CUT	20 mm - 65 mm [0.8" - 2.6"]	12.7 - 61 mm [0.5 - 2.4"]
CUTTING CAPACITY	2.32 ha/hr x 12 km/hr [5.73 acre/hr x 7.5 mph]	
FUEL CAPACITY	77.1 L [20.4 gal.]	
ENGINE	Kubota® 37 kW [49.6 hp] Turbo Charged Diesel	
EMISSIONS	EU Stage V - [EPA Tier 4 Final] Compliant	
OPERATOR STATION	ISO mounted operator platform complete with a full suspension, high back seat as standard. Control console with full colour display for key in-work information, diagnostics and machine settings.	
SAFETY & ROAD OPTIONS	Amber warning beacon; LED / Halogen road lights. Rear traffic mirrors; Air ride suspension seat; Front equipment carry cage; TST Slope monitoring system; Air-conditioned cabin with heater, noise canceling interior, high visibility heated front screen, air suspension cloth seat and dual warning beacons.	
CERTIFICATION	BSI approved: ISO 9001, ISO 14001, ISO 45001. Manufactured In UK	
WARRANTY	2 years	

DECKS & CUTTING UNITS		
NUMBER & SIZE	3 x 760 mm [30"] Ransomes MT Flail Cutting Units with 265mm [10.4"] working diameter	76 cm [30"] wide x 25cm [10"] Diameter. 4,6 or 8 blade options.
UNIT CONSTRUCTION	3 x 760 mm [30"] Ransomes MT Flail Cutting Units with 265mm [10.4"] working diameter	Hardened, high manganese carbon steel
CUTTING UNIT CONTROLS	Fingertip operated joysticks for individual unit lift/lower; cross cut position. Electronic transport locks.	

TRACTION, BRAKES & SPEED	
TRACTION DRIVE	Hydrostatic, automatic on-demand cross-flow 4 wheel drive in forward and on demand in reverse
WEIGHT TRANSFER/ TRACTION BOOST	Fingertip traction boost function via unit weight transfer. Activate on demand or fix to suit terrain and conditions.
HYDRAULIC SYSTEM	50.2 l [13.3 gal.] capacity regulated with side by side cooler
COOLING SYSTEM	Side by side engine and hydraulic cooler. Dual zone air intake screens with reversible cooling fan.
SERVICE BRAKES	Hydrostatic braking through traction system
PARKING BRAKES	Zero-maintenance electro-hydraulic wet parking brakes
STEERING	Hydraulic power steering with adjustable tilt steering wheel
MOWING SPEED	12km/hr [7.5mph] drive by wire, electronically adjustable
TRANSPORT SPEED	25 km/hr [15 mph]

WEIGHTS & DIMENSIONS		
WEIGHT [FULL FUEL]	1586 kg [3497 lbs.] With Cabin: 1758 kg [3876 lbs.]	1576 kg [3474 lbs.] with 6 knife MAGNA units. With Cabin: 1,748 kg [3854 lbs.] with 6 knife MAGNA cutting units
LENGTH	3.23 m [127"]	307. m [121"] with MAGNA Cutting Units
HEIGHT	ROPS up: 2.12 m [84"], ROPS down 1.62 m [64"]. Cabin 2.20 [87"]	
WHEEL BASE	1.55m [61"]	
TRANSPORT WIDTH	1.68 m [66"] with MAGNA units at 25 mm [1"] Height of Cut	
WORKING WIDTH	2.41 m [94.7"] Units Down	

ISO mounted operator platform complete with a full suspension, high back seat. Maximum visibility with minimum fatigue.

Electronic Speed Setting & Cruise Control

Onboard Diagnostics & Tilt Sensor Technology [Optional]

Adapticut (unique to MT503)

Ransomes MT Flail, easy maintenance cutting units, optimised with improved hydraulics



Foldable ROPS

Optional LED/ halogen road lights and mirrors are available for increased visibility.

Stage V 49.6hp Kubota® Engine

Maintenance-free rear axle, with greater stability and operational visibility

SureTrac™ 4WD Parallel cross-series system automatically transfers drive where needed.



Robust Ransomes® MT flail units



Powerful, clean, green Stage V 49.6HP engine



Ultra-comfort, smart operator platform



Easily adaptable to MAGNA cylinders

Specifications, while correct at time of publishing, may change without notice. Requires Ultra Low Sulphur Diesel. Cutting Capacity 10% allowance for overlap.