

# 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](http://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	14 x carbide forged flails per unit. Heavy Duty welded and pressed steel construction with bolt-on replaceable wear parts.	Heavy Duty welded and pressed steel construction with hardened, high manganese steel blades.
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	Dynamic braking through Hydrostatic 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"]	3.07 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	1.62 m [64"] with flail units at 25 mm [1"] Height of Cut	
WORKING WIDTH	2.37 m [93"]	



Robust Ransomes® MT flail units



Powerful, clean, green Stage V 49.6HP engine



Ultra-comfort, smart operator platform

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.



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.