

MT503

Powerful Commercial Flail / Cylinder Mower



EASILY ADAPTABLE TO MAGNA CYLINDERS

REVOLUTIONISED RANSOMES® MT FLAIL UNITS

- POWERFUL BUT CLEAN STAGE V 49.6 HP **ISOTAKA** ENGINE
- ULTRA-COMFORT OPERATOR PLATFORM REDUCES FATIGUE
- REVERSIBLE COOLING FAN FOR ALL-DAY PRODUCTIVITY

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.

2.15M (85")
CUT WIDTH

ISOTAKA
37KW (49.6HP)
STAGE V ENGINE

2.32HA/HR
CUTTING
CAPACITY

FLAIL
HEIGHT OF CUT
20-65MM
(0.8-2.6")

CYLINDER
HEIGHT OF CUT
12.7-61MM
(0.5-2.4")

2 YEAR
MOWER
WARRANTY



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



HERITAGE. RELIABILITY. TRUST. INNOVATION



MT503 Powerful Commercial Flail / Cylinder Mower



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

Electronic Speed Setting & Cruise Control
Tune maximum operating speeds and cut functions to suit the needs of your operators.

Onboard Diagnostics & Tilt Sensor Technology (Optional)
Service reminders and error logs plus electronic diagnostics to assist fast fault finding. TST provides electronic slope monitoring to assist the operator and limit operation when unsafe limits are approached.

Adapticut (unique to MT503)
Onboard sensors assist the operator in selecting optimum speeds for cutting in heavy conditions.

Ransomes MT Flail
More powerful, smoother-operation, easy maintenance cutting units, optimised with improved hydraulics.

Foldable ROPS

Safe on the Road
Electronic unit locks make safe transport easy and optional LED/halogen road lights and mirrors are available for increased visibility.

Stage V 49.6hp Engine
Powerful and reliable Kubota® engine with cleaner exhaust outputs for less impact on the environment.

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

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



Onboard diagnostics and fingertip controls



Easy-access engine service bay



Optional high visibility, air-conditioned cab

SPECIFICATION	
MOWER ENGINE	Kubota™ 37.0 kW (49.6 hp) Turbo Diesel EU Stage V (EPA CARB Tier 4F) Compliant
FUEL CAPACITY	77.1 L (20.4 gal)
OPERATOR STATION	Isolated operator platform with a high specification mechanical suspension seat as standard
WARRANTY	2 years
CONTROLS	Individual unit lift / lower & traction fingertip controls mounted on adjustable operator armrest. Rugged, full colour, anti-glare display console to update operator with key inwork information, provide on board diagnostics information and tune machine settings.
DECKS & CUTTING UNITS	
	FLAIL CYLINDER
CUT WIDTH	Adaptable from 2.15 m (85") to 0.76 m (30")
CUTTING CAPACITY	2.32 ha/hr at 12kph (5.74 acre/hr at 7.5 mph)
MOWER HEIGHT OF CUT	20.0mm – 65.0mm (0.8" – 2.6") 12.7 mm – 61.0 mm (0.5" – 2.4")
CUTTING UNITS	Ransomes MT Flail 76cm (30") wide, fixed head units 300mm (11.8") Diameter with 14 carbide flails Ransomes Magna, 76cm (30") wide, fixed head units. 254mm (10") Diameter with 4, 6 or 8 Knife options
UNIT CONSTRUCTION	Heavy duty welded and pressed steel construction with bolt-on replaceable wear parts
TRACTION, BRAKES AND 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	52 L (13.7 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	Wet disc parking brakes integrated into the front wheel motors
STEERING	Hydraulic powered steering
MOWING SPEED	12 km/hr (7.5 mph) drive by wire, electronically adjustable
TRANSPORT SPEED	25 km/hr (15 mph) drive by wire, electronically adjustable
WEIGHTS & DIMENSIONS	
WEIGHT (full fuel)	With ROPS: 1,586 kg (3,497 lbs) with MT flail units. With CABIN: 1,758 kg (3,876 lbs) with MT flail units.
LENGTH	3.23m (127") with MT flail units 3.07m (121") with Magna cylinder cutting units
TRANSPORT WIDTH	1.62m (64") with flail units at 25mm (1") height of cut
OVERALL HEIGHT	ROPS: 2.12m (84") ROPS up, 1.62m (64") ROPS down. CABIN: 2.20m (87").
WHEELBASE	1.55m (61")
MAXIMUM WORKING WIDTH	2.37m (93")
OPTIONS & ACCESSORIES	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.



Optional Cylinder Section
Switch to cylinders with no additional kits



Ransomes Magna Cutting Cylinders
Industry proven, heavy duty cutting units. Built to last and deliver a fine finish to your commercial green spaces



Optimum Cooling with Reversible Fan
Temperature controlled reversible engine fan and dual zone air intake hood to keep all systems cool and uptime at a maximum even on the hottest of days.