

Rapid

Rapid MONTA

Powerful mower for extreme hillsides



Mowing technology 

Forage harvesting 

Mulching technology 

Cleaning 

Tilling 

Winter services 

Transport 

Special applications 



Rapid MONTA – An uncompromising, powerful mower for high acreage performance and safe working on extreme hillsides



The compact Rapid MONTA is designed for high mowing acreage performance on hillsides. A low machine centre of gravity, the high bar bearing weight achieved by the axle position, and the new Rapid Soft handlebar bearing allow labour-saving and efficient work even over long operating times.

Technical data

Model designation	MONTA M141	MONTA S141	MONTA M161	MONTA S161
Engine	Robin EX40		Briggs & Stratton	
Type	4-stroke OHV petrol engine, air-cooled			
Cubic capacity	404 ccm		480 ccm	
Cylinders	1		2	
Max. power	14 PS / 10,3 kW		16 PS / 11, 8 kW	
Starter	Recoil starter			
Weight	179 kg (without wheels)	187 kg (without wheels)	188 kg (without wheels)	196 kg (without wheels)
Travel drive and steering actuation	Mechanical	Sensor-based	Mechanical	Sensor-based
Ability to handle slopes	Up to 120%		bis 100%	
Travel drive	Hydrostatic, continuously variable			
Travel drive clutch	Electro-magnetic clutch			
Speed	Forwards: 8 km/h, reverse: 4 km/h			
Power take-off	1000 rpm at an engine speed of 3600 rpm			
PTO shaft clutch	Electro-magnetic clutch			
Steering	Active handlebar or hand lever steering, switchable, with zero-turn function			
Freewheeling selection	Mechanical free wheel, towable			
Connection flange	tool-free quick change system \varnothing 78/80			
Handlebar	Adjustable to 11 different height settings without tools			
Handlebar lateral adjustment	Can be swivelled to the side without tools, lockable in 3 positions (0 and \pm 22°)			
Handlebar ends	Individual height adjustment without tools			
Immobilisation brake	Mechanical, acts on both wheels			



Success factors

- Continuously variable travel drive, no need for clutch operation and gear shifting
- Active hand lever or handlebar steering, switchable, for effortless and precise work
- Zero-turn function for soil-conserving turning manoeuvres in a confined space
- Tool-free attachment quick-change system
- Low centre of gravity and wide track ensure high overturning stability
- A housing geometry specially designed for mountain mowing offers a high bar bearing weight without additional

Model M and S



The models differ through their mechanical and sensor-based control of the pumps. The forces necessary for turning the rotary grip are lower for the S models; it is also possible to influence the driving behaviour by the control program.

Cockpit: M models



Accelerator lever

For setting the motor speed.

Cockpit: S models¹

¹ Only applies to the Rapid Monta S



Second dead man handle¹

The second dead man function is integrated in the rotary grip, allowing one-handed operation temporarily.

Immobilisation brake

The immobilisation brake acts mechanically on both wheels, ensuring complete safety and peace of mind.



Handlebar end adjustment

Knurled screws allow you to adjust the handlebar ends quickly and without tools so that you can work safely and ergonomically on difficult terrain whatever the situation.

Handlebar and hand lever steering

Depending on the working situation, you can choose to carry out steering manoeuvres precisely and easily using handlebar or hand lever steering.

Engine

Easy-start powerful petrol engine that represents the state of the art in terms of performance and emissions.



Controller¹

The controller is protected by the battery compartment.

Jack ring

For safe lifting and fastening.



Power take-off control

The power take-off, which is mechanically coupled to the engine speed, can be easily switched on and off at the touch of a button.

Quick change system

Allows you to change the various attachments in a flash and without any need for tools.

Zero-turn steering

Wheels that turn in opposite directions allow soil-conserving turning manoeuvres in the tightest of spaces.

Tyres

Flexible range of wheels and combination options tailored to your needs for optimum traction according to the specific application.

Free wheeling selection

Allows you to manoeuvre and tow the machine without starting up the engine.

Wheels and wheel combination examples



AS 5.00-10



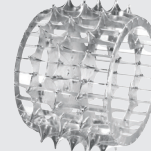
Wheel combination



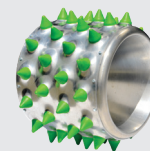
Wheel combination



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Sprocket wheel, wide



Sprocket roll, 4-row wide

Rapid MONTA Attachments



WALK-BEHIND TRACTOR MODEL		MONTA	MONTA	MONTA	MONTA
Attachment name	Features	M141	S141	M161	S161
Middle cut sickle bar 130, 145, 160, 190, 220, 250 cm	Finger spacing 2"/50.8 mm, with outer shoe or side cutting mechanism	•	•	•	•
Middle cut sickle bar 280 cm	Finger spacing 2"/50.8 mm, with side cutting mechanism	-	-	•	•
Normal cut sickle bar 130, 145, 160, 190, 220, 250 cm	Finger spacing 3"/76.2 mm, with outer shoe or side cutting mechanism	•	•	•	•
Normal cut sickle bar 280 cm	Finger spacing 3"/76.2 mm, with side cutting mechanism	-	-	•	•
Landscaping cutter bar 122, 142, 162 cm	No fingers, no clogging, sprung/adjustable hold-down device	-	-	•	•
Diamant cut sickle bar 174, 197, 220 cm	Finger spacing 58 mm, with outer shoe	•	•	•	•
Diamant cut sickle bar 174, 197, 220, 244 cm	Finger spacing 58 mm, with side cutters	•	•	•	•
Dual cutter bar 132, 146, 181, 204 cm	Bidux system, incl. skid weights	•	•	•	•
Broad gauge mower 160 cm	Bidux dual cutter bar system, does not clog up	•	•	•	•
Broad gauge mower 200 cm	Bidux dual cutter bar system, does not clog up	•	•	•	•
Broad gauge mower 230 cm	Bidux dual cutter bar system, does not clog up	-	-	•	•
Twister hayrake 180, 220 cm	Lateral downward forage conveying	•	•	•	•
Compact zero grazer 203, 206 cm	Finger spacing 2"/50.8 mm or 58 mm	•	•	•	•
Multi-Twister 190 cm	Active lateral forage conveying at both sides	-	-	•	•
Multi-Twister 220 cm	Active lateral forage conveying at both sides	-	-	•	•
Eco-Mulcher 80 cm	Continuous height adjustment, driven on skids	•	•	•	•
Flail mulcher 90 cm	Cutting height 20 – 100 mm, Y-blade	•	•	•	•
Flail mulcher 110 cm	Cutting height 20 – 100 mm, Y-blade	-	-	•	•
Combi-Sweeper 110 cm	Universal brush ø 42 cm	•	•	•	•
Snowplough 125 cm	Sprung, can be swivelled sideways from the handlebar	•	•	•	•
Snowplough 150 cm	Sprung, can be swivelled sideways from the handlebar	-	-	•	•

MOWING TECHNOLOGY	FORAGE HARVESTING	MULCHING TECHNOLOGY	CLEANING	TILLING	WINTER SERVICES	TRANSPORT	SPECIAL APPLICATIONS
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Handlebar lateral adjustment

With all models, the handlebar can be adjusted laterally without the need for tools. This makes it easy to work alongside obstacles or under bushes.



Rapid Soft handlebar bearing

The revolutionary Rapid Soft handlebar bearing, which is decoupled from the walk-behind tractor unit, reduces vibrations and oscillations to an incomparable degree and offers maximum ease of use especially with oscillating attachments.