

Rapid

RoboFlail®

RoboFlail caterpillars

Assortment overview



RoboFlail One



RoboFlail One Diesel



RoboFlail Vario 25



RoboFlail Vario 50

RoboFlail One – powerful and safe mowing even on the steepest slopes



The two radio-controlled RoboFlail One models allow easy and safe mulching even on the steepest slopes. Thanks to the mowing deck located between the chains, it is possible to work in both directions of travel. Time-consuming turning manoeuvres are no longer necessary and a high area efficiency is achieved with absolutely soil-friendly operation.



Model	RoboFlail One	RoboFlail One Diesel
Engine	Kawasaki 2-cylinder petrol engine, V-engine	Water-cooled Yanmar 3-cylinder diesel engine
Power	19 kW (25 HP)	19 kW (25 HP)
Propulsion drive	Fully hydrostatic, infinitely variable drive with two axial piston pumps and radial piston motors, safety brake and zero-turn steering	Fully hydrostatic, infinitely variable drive with two axial piston pumps and radial piston motors, safety brake and zero-turn steering
Tank	30 litres tank volume, can be swivelled in 2 axes	30 litres tank volume, can be swivelled in 2 axes
Speed	Infinitely variable speed adjustment, max. 8 km/h	Infinitely variable speed adjustment, max. 8 km/h
Cutting technology	ESM vertical flail mower or STM exact cut mowing deck	Classic flail mower; Y-knife or hammer flail
Weight	850 kg incl. mowing deck	1050 kg incl. mowing deck
Length/width/height	160x175x100 cm	160x180x95 cm
Max. slope gradient	55°, depending on the subsoil	55°, depending on the subsoil
Cutting width	122 cm	110 cm



The keys to success

- Easy and safe working from a distance with a radio remote control
- Wide track and low centre of gravity enable work on the steepest slopes
- Pendulum roller drive for maximum contact surface to the ground for maximum traction
- Infinitely variable cutting height adjustment via radio remote control
- The CleanFix system minimizes the number of manual cleaning processes
- Different assignments of the radio remote control can be selected



Different mulching systems

Choice of three different systems, optimally suited to your application area.



Radio remote control

Easy and safe work from a distance.

RoboFlail Vario – extremely robust, offers maximum performance and versatility



The RoboFlail Vario models are extremely flexible to use thanks to the universal three-point mounting. They offer comfort, safety and efficiency for a wide range of work in forestry, communal or green area maintenance. The radio-controlled, infinitely variable track width makes it possible to work even in extremely demanding terrain.



Model	RoboFlail Vario 25	RoboFlail Vario 50
Engine	Water-cooled Yanmar 3-cylinder diesel engine	Water-cooled Yanmar 4-cylinder diesel engine
Power	19 kW (25 HP)	36.75 kW (50 HP)
Propulsion drive	Fully hydrostatic, infinitely variable drive with two axial piston pumps and radial piston motors, safety brake and zero-turn steering	Fully hydrostatic, infinitely variable drive with two axial piston pumps and radial piston motors, safety brake and zero-turn steering
Tank	30 litres	30 litres
Speed	Infinitely variable speed adjustment, max. 8 km/h	Infinitely variable speed adjustment, max. 8 km/h
Cutting technology	Category 1 device mounting with quick couplers and mechanical power take-off, 750 rpm, IDT left	Category 1 device mounting with quick couplers and mechanical power take-off, 1000 rpm, IDT left
Weight	1100 kg	1500 kg
Length/width/height	170x133–175x120 cm	230x127–175x123 cm
Max. slope gradient	50°, depending on the subsoil	45°, depending on the subsoil
Track width adjustment	133 cm to 175 cm	127 cm to 175 cm
Chassis height adjustment	No	Infinitely variable and individual on each side, by 15 cm

The keys to success

- Easy and safe working from a distance with a radio remote control
- Universal attachments can be used thanks to a three-point mounting or rapid connection flange¹
- Extremely suitable for driving in rough terrain thanks to the pendulum roller drive and infinitely variable track width^{1,2} and height²
- Extremely robust design for tough work applications
- The CleanFix system minimizes the number of manual cleaning processes

¹ concerns RoboFlail Vario 25

² concerns RoboFlail Vario 50



Height and side adjustment

High ground clearance for overcoming obstacles as well as infinitely variable adjustment of the track width directly from the radio remote control.



Radio remote control

Easy and safe work from a distance.

Rapid

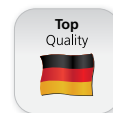
RoboFlail®

RoboFlail

Makes hard work easy!



Your RoboFlail specialist:



RoboFlail machines are developed and manufactured in Germany. The Rapid Group guarantees quality standards at the highest level, from production to wear and spare parts service.