

# Mowing to the Highest Standard



Roberine  
3 SERIES





## Mowing to the Highest Standard

Roberine is a Dutch manufacturer with a history dating back to 1951. We build mowing machines that provide the highest grass cutting standards for the professional ground keepers of sports fields, parks and public spaces. The Roberine 3 series is available with a flail or cylinder cutting head to provide the highest cutting standard.



### The choice is yours

- Triple-head F3 flail mower or R3 cylinder mower
- With or without comfort cab
- Varying transport widths
- Cutting width of 77 to 215 cm

## Extremely reliable

The Roberine F3 and R3 are the result of many years of experience in developing and constructing mowers. The 3 series has been honoured with a design award and complies with all international requirements (incl. TÜV). In short, it offers the very best in mowing.



## Robust flail head construction

The unique construction of the flail unit allows you to mow close to (obstacles), reducing the requirement for additional manual labour such as strimming. The construction also ensures less damage to the machine and other objects.

## Benefits

- Unrivalled mowing results
- Easy to maintain
- Choice of 6 or 8 blade cylinder jumbo cutting units
- Easily adjustable height of cut (15 to 75 mm)





## Perfect ergonomics, more enjoyable work

You will immediately feel at home when you sit behind the wheel of the 3 series. The controls are easily operated via the ergonomic control arm. Resulting in less fatigue for the operator during long working days.



- Operating comfort
- Relaxed work posture
- Ergonomically adjustable command arm





### Comprehensive safety

- Standard LED lighting including H7 high-beam spotlights
- Improved lighting with greater reliability
- Brake lights
- Flashing Amber Beacon
- Roll bar (ROPS) and seat belt
- Good all-round visibility

### Maximum comfort

- Standard air-suspended Grammer comfort seat
- Automatic weight and height adjustment
- Steering wheel adjustable in height and angle
- Very low noise level of approximately 80 dB

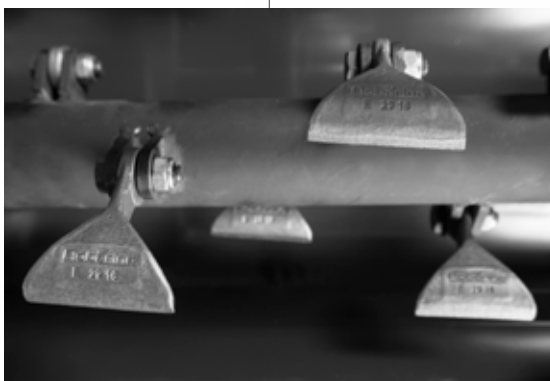


# The ultimate all-rounder

The Roberine F3 is an all-rounder. The flail mower has a robust flail unit, with an effective design for perfect mowing results. The Roberine F3 can be used for a wide range of purposes, including parks, sports fields, grass verges and riverbanks.

## Robust construction

- Low maintenance costs
- Strong support arm for the mowing unit
- Excellent accessibility during maintenance



## Unique Roberine flail Cutting Units

- Perfect distribution of mowed grass
- Less and thus cheaper maintenance
- Suitable for short and long grass



## Effective mowing with piston pump

- Improved mowing power with piston pump and piston motor
- Long life-span
- Highest level of hydraulic efficiency
- Less wear & tear





## Get inside and you're sold

The 3 series with cabin maximises enjoyment when you work. The cab immediately invites you to get inside. Once you sit behind the wheel, you will be pleasantly surprised by the headroom and quietness.



### Ideal working climate

- Windscreen wipers with interval setting
- Air conditioning with climate control (optional)
- Radio connection ports



## Comfort cabin with all features

- Extensive ventilation possibilities
- Lighting as standard
- Spacious cabin with a lot of headroom



## Maximum Visibility

- Tinted glass, sun visor and 3 mirrors
- Two doors and a hinged rear windscreen
- Excellent view of mowing units and wheels





## Driven by perfection

The latest insights into drive and engine technology were considered when developing the 3 series. The combination between hydrostatic drive and permanent 4WD maximises grip on all surfaces. The robust rear axle follows the contours of the surface and thus offers a lot of stability. The electronic weight transfer system helps to realise better results on soft verges.

### Sustainable investment

- Engine development for the future
- Hydrostatic 4-wheel drive
- Very low fuel consumption of max 4 l/per hour
- Low maintenance costs
- Perfect price/quality ratio







## A new approach to maintenance

Machines that deliver top performances day in day out, need maintenance. But we have considered this:

- Easy to access engine space from all sides
- Easy daily maintenance
- Cost-efficient
- 24-hour service via dealer login



## Reliable power source

- Yanmar 3 cylinder Turbo Diesel
- 1500 CC
- 30 kW/41 HP
- Permanent 4WD
- Reverse-blow radiator fan (optional)



## New approach to transport

- High ground clearance
- Transport retaining hooks at easy to access places
- Compact dimensions (135 – 150 cm)
- Low weight



Roberine base unit	
Engine	
Engine	3-cylinder Yanmar turbo diesel motor, 30 kW (41 PK) at 2650 RPM
Capacity	1500 cc
Fuel tank	45 litres avg. consumption 4l/h
Speed (maximum)	
Mowing	Forwards: 13 km/h Reverse: 9 km/h
Transport speed	Forwards: 25 km/h Reverse: 9 km/h
Traction and drive	
Drive	Hydrostatic four-wheel drive (drive by wire)
Mowing system	Hydraulic axial piston pump for mowing units
Hydraulic tank	55 litre capacity with oil-level glass
Tyres, brakes and steering	
Front tyres	Vredestein Greentrac Turf 320/55 - 12 (26x12-12 8 PR)
Rear tyres	Vredestein Greentrac Turf 250/50 - 10 (20x10-10 6PR)
Brake system	Maintenance-free hydrostatic brake system
Parking brake	Maintenance-free hydraulic handbrake for front wheel motors
Steering	Fully hydraulic rear-wheel steering, including adjustable steering column
Seat	
Seat	Standard fully adjustable Grammer comfort air-suspended seat with automatic weight adjustment and command arm
Indicators	
Dashbord warning lights	Battery, engine oil pressure, cruise control, indicators, low fuel in tank, temperature cooling fluid and hydraulic oil
Indicators	Fuel-level gauge, hydraulic-oil level gauge, digital hour counter
Weight and dimensions	
Total length	280 cm
Height	234 cm with ROPS / 166 cm with ROPS down / 221 cm with cabin and airco
Wheel base	140 cm (optional 135 cm or 150 cm)
Transport width	140 cm (optional 135 cm or 150 cm)
Total weight without cabin	1225 kg with ROPS
Total weight with cabin	1460 kg
Certifications F3 and R3	
Certifications	Certified in accordance with CE machine certification, protection at front of the two front flail units, ISO 17101-2, certified in accordance with ISO 21299 for ROPS
Machine options F3 and R3	
Options	Road lighting, flashing light, cabin with heating and air conditioning, reversible engine cooling ventilator, discharge security at the front of flail units, sunroof, transport width from 135 cm and 150 cm, GPS for mowing without driver

Mowing units Roberine F3	
Number of mowing units	3 independent hydraulically-driven flail units via 3500 RPM piston motors
Mowing unit configuration	Fixed flail unit with 12 flails, Ø 25 cm, fitted with 3" support roll
Cutting width	Variable from 77 cm - 215 cm
Height settings	25 mm to 85 mm
Weight transfer system	Electrically operated for more traction, by transferring weight from mowing units to wheels

Mowing units Roberine R3	
Number of mowing units	3 independent hydraulically-driven cutting cylinders based on 950 RPM piston motors
Mowing unit configuration	Fixed 6 blade Jumbo cylinder, Ø 25 cm, fitted with 3" support roll
Cutting width	Variable from 75 cm - 213 cm
Height settings	15 mm to 75 mm
Weight transfer system	Electrically operated for more traction, by transferring weight from mowing units to wheels

### Would you like to know more about our prices or delivery times?

Then send an e-mail to [sales@roberine.com](mailto:sales@roberine.com) or phone 053-4838322.

Your dealer:

Roberine

The Mowing Company since 1951

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