

Roberine



3-Serie

Roberine.com

Mowing at the highest level

Roberine is the Dutch brand for self-propelled mowers. Since 1951, the brand has been known for its high quality and beautiful mowing image. This makes Roberine the brand for all professionals specialised in the management of sports fields, parks and public green spaces. With the Roberine 3 series each professional mows at the highest level. And it does not matter whether you choose a flail mower or a cylinder mower.

The choice is yours

- Three-part flail mower F3 or cylinder mower R3
- With or without comfort cab
- Different transport widths
- Cutting widths from 77 to 215 cm



Extremely reliable

The Roberine F3 and R3 result from years of experience in developing and building mowers. The 3-series has received a design award and complies with all international requirements (e.g. TÜV). In short, mowing at the highest level.

The perfect groundskeeper

- Perfect cutting pattern
- Easy maintenance
- Choice of 6 or 8 blade cage
- Easy height adjustment (15 to 75 mm)



Optimal ergonomics, more job satisfaction

When you take a seat in a 3-series machine, you will immediately feel at home. The control handles are in logical places and easily accessible.

Exactly where you expect them to be. And the command arm allows you to work relaxed.





Safety all around

- Standard (at the cabin) LED lighting and H7 high-beam spotlights for good visibility and less interference
- Brake light for extra safety
- Flashing light for better visibility (optional)
- Roll-over bar (ROPS) and of course a safety belt
- Optimum visibility of the mowing units and wheels

Maximum comfort

- Optimal operating comfort
- Relaxed working position
- Ergonomically adjustable command arm
- Standard air-sprung Grammer comfort chair
- Automatic weight and height adjustment
- Steering wheel adjustable in height and angle
- Very low noise level of approx. 80 dB

The ultimate all-rounder

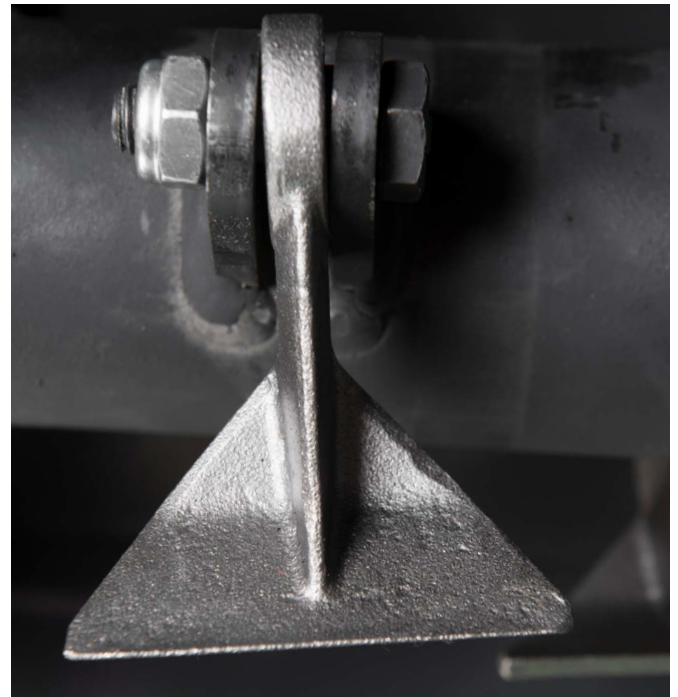
The Roberine F3 is an all-rounder. The flail mower has a robust flail with an optimal design for a perfect cutting pattern. The Roberine F3 can be used in a wide range of situations, from parks to sports parks, from roadside to the waterfront. The machine therefore has a short payback period.



Powerful construction

- Very low maintenance costs
- Strong support arm of the mower unit
- Excellent accessibility during maintenance





Unique Roberine flails

- Perfect spread of cut grass
- Less and therefore cheaper maintenance
- Suitable for long and short grass

Optimal mowing with plunger pump

- More mowing power with plunger pump and plunger motor
- Long service life
- High productivity and effectiveness
- Less wear

Get inside and you're sold

The 3-series including cab completes your working pleasure. The cabin immediately invites you in. And when you get behind the wheel, you will be pleasantly surprised by the headroom and

the silence. This gives you a feeling of freedom, further enhanced by the excellent visibility around the machine.





Ideal working climate

- Intermittent windscreen wiper
- Air conditioning with climate control (optional)
- Radio preparation

Comfort cabin with all features

- Extensive ventilation options
- Lighting fitted as standard
- Spacious cabin with plenty of headroom

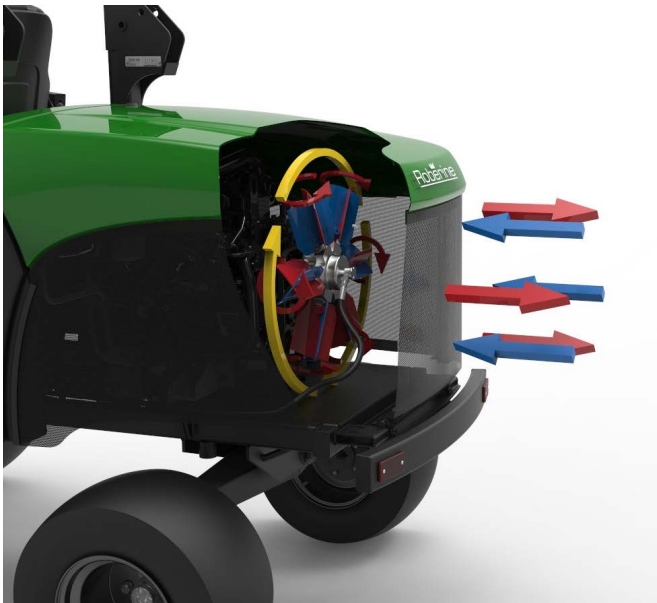
Maximum visibility

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

Reliable power source

- Yanmar 3 cylinder Turbo Diesel
- 1500 CC
- 30 kW/41 HP
- Automatic 4WD
- Reversible blow radiator fan

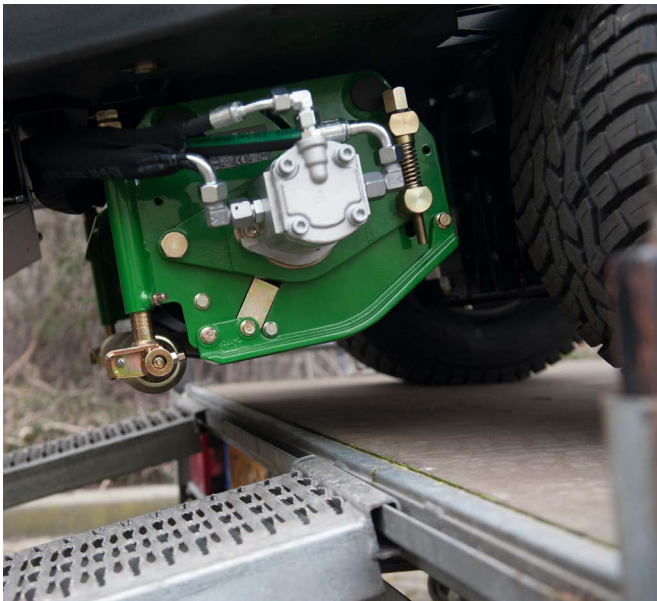




A new look at maintenance

A machine that performs at its best day in and day out needs maintenance. We've thought about that too:

- Easily accessible engine compartment
- Easy access from all sides
- Simple daily maintenance
- Cost-effective



Transportation reinvented

- High ground clearance
- Transport hooks in easily accessible place
- Compact dimensions (135 - 150 cm)
- Low weight

Driven by perfection

The 3 Series has been developed using the latest drive and engine technology. The automatic transmission combined with 4WD ensures excellent ease of use and maximum grip on any surface. The robust rear axle is terrain following and means a lot of stability. The electrically engageable weight transfer system gives better results on soft ground.





Sustainable investment

- Motor development for the future
- Automatic drive
- Very low fuel consumption max 4 l/hr
- Minimal maintenance costs
- Optimal price-performance ratio

Specifications 3-serie

| Motor | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Motor | 3 cylinder Yanmar turbo diesel motor, 30 kW (41 PK) bij 2650 RPM |
| Power | 1500 cc |
| Fuel tank | 45 litres - is enough to work with for a whole day |
| Speed (maximum) | |
| Mowing | Forwards 13 km/h Backwards: 9 km/h |
| Transport | Forwards 25 km/h Backwards: 9 km/h |
| Traction and drive | |
| Drive | Automatic hydraulic four-wheel drive (drive by wire) |
| Mowingsystem | Hydraulic axial piston pump for the mower units |
| Hydraulic tank | Capacity 55 litres 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 blade handbrake front wheel motors |
| Steering | Fully hydraulic rear wheel steering including an adjustable steering column |
| Chair | |
| Chair | Standard fully adjustable Grammer comfort air suspension seat with automatic weight adjustment and control arm |
| Indicators | |
| Dashboard indicator lights | Battery, engine oil pressure, cruise control, direction indicator, fuel level in tank low, coolant and hydraulic oil temperature |
| Indicators | Fuel level indicator, hydraulic oil level indicator, digital hour meter |

| Weight and dimensions | |
|--------------------------|---------------------------------------------------------------------------------|
| Total length | 280 cm |
| Height | 234 cm with ROPS / 166 cm with ROPS down / 221 cm with cab and air conditioning |
| Wheelbase | 140 cm (optional 135 cm or 150 cm) |
| Transport width | 140 cm (optional 135 cm or 150 cm) |
| Total weight without cab | 1225 kg with ROPS |
| Total weight without cab | 1460 kg |
| Certifications F3 and R3 | |

| | |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certifications | Certified under CE machine certification, protection at the front of the two flail units, ISO 17101-2, certified in accordance with ISO 21299 for ROPS |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|

| Machine option F3 and R3 | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Opties | 8 Blade cutting cylinders, road lighting, beacon light, cab with heating and air conditioning, reversible fan engine cooling, ejection protection at the front of the flail units, sunroof. |

| Mowing units Roberine F3 | |
|---------------------------|-------------------------------------------------------------------------------------------------|
| Number of mowing units | 3 independent hydraulic flail units driven by 3500 RPM plunger motors |
| Mowing unit configuration | Fixed flail unit with 12 flails, Ø 25 cm, equipped with a 3" support roller |
| Cutting width | Variabel from 77 cm - 215 cm |
| Height adjustment | 25 mm to 85 mm |
| Weight transfer system | Electrically driven for increased traction through weight transfer from cutting units to wheels |

| Mowing units Roberine R3 | |
|----------------------------|-------------------------------------------------------------------------------------------------|
| Number of mowing units | 3 Onafhankelijk hydraulisch aangedreven snijcilinders door tandwielmotoren 950 RPM |
| Cutting unit configuration | Fixed 6 or 8 blade Jumbo cage unit, Ø 25 cm, equipped with a 3" support roller |
| Cutting width | Variabel from 75 cm - 213 cm |
| Height adjustment | 15 mm tot 75 mm |
| Weight transfer system | Electrically driven for increased traction through weight transfer from cutting units to wheels |



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