

  
Robèrìne



302-Serie

# Mowing at the highest level

## Improved 3 Series

Roberine has been the brand for the management of sports fields, parks and public greenery since 1951. With the renewed Roberine 302 series, the 3 Series has undergone a serious modernization. As a result, as a professional, you always mow at the highest level with Roberine. Then it doesn't matter if you choose a flail or cage mower.

The Roberine F302 and R302 are the results of years of experience in developing and building mowers. You will experience this craftsmanship immediately during boarding

## Driven by Perfection

With a new Stage 5 engine, you comply with the latest emission regulations. Due to the possibility to drive automotive in ECO mode, you reduce the Diesel speed. As a result, you have less fuel consumption and emissions, and the engine makes less noise. Good for the environment, more pleasant to operate and more enjoyable for your surroundings.



## The renewed 302 Series

- The latest Stage 5 diesel engine
- Robust construction
- High comfort
- Minimum emissions
- Reinforced support arm at the front of the mowing unit
- Automotive driving: idle speed at a traffic light
- Cost-efficient: very low fuel consumption of approx. 3.5 l/h
- 24-hour service via dealer login
- Everything can be operated with one hand
- Reversible fan for a full day of optimal mowing



# Driven by perfection

In the development of the improved 3-series, the latest insights in drive and motor technology were used. Automotive driving combined with 4WD ensures a lot of ease of use and maximum grip on any surface. The robust rear axle is terrain-following, and this means a lot of stability. The electrically switchable weight transfer system gives a better result on a soft bottom.

The 302 series is equipped with an electric parking brake that you can operate via the Command Arm. The addition of cruise control with memory function allows you to mow as efficiently as possible.



## The choice is yours

- Three-piece flail mower F302 or cylinder mower R302
- With or without comfort cabin
- Several transport widths
- Cutting width from 75 to 245 cm
- The possibility for 75 or 90 cm front valve units
- Choice of 6 or 8 blades



## The perfect groundkeeper

- Perfect mowing pattern
- Easy servicing
- Effortless height adjustment (15 to 75 mm)
- Optimal driving and mowing comfort
- Low noise and vibration level
- Outstanding driving characteristics due to new technology and double brake pedal



## Obstacles, No problem

### Unique construction

Due to the unique construction of the mower, you can mow optimally and cause less damage to the machine and objects. With this compact machine, almost any location is accessible to you.

The Roberine Flail Mower is a true all-rounder. The F302 has a precision flail with an optimal design for a perfect mowing pattern. The Roberine F302 can be used widely from parks to sports field, from roadside to waterfront. As a result, the machine has a short payback time.



### Safety all around

- Standard LED lighting and H7 floodlights for optimal visibility and less interference
- Brake lights for added safety
- Flashing light for better visibility (optional)
- Rollover bracket (ROPS) and, of course a safety belt
- Optimal view of the mowing units and wheels



## Optimal ergonomics, more job satisfaction

If you take a seat in a 302 Series machine, you will immediately feel comfortable. The control panel is clear and easy to operate. Right where you expect it to be.

You can operate the comfortable Command Arm with an LCD with one hand so you can work pleasantly. The double drive pedals ensure flawless operation and handling characteristics of the mower. All you have to do is focus on mowing because the machine exactly does what you want.

The 302 series with cabin completes your job satisfaction. The double-door invites you to board immediately. You will be pleasantly surprised by the headspace and the quietness. This gives you a spacious feeling which is reinforced by the broad view around the machine. Due to the improved suspension of the engine by 4 hydraulic dampers, you will suffer less from vibrations in the steering wheel and the driver's seat.



### Optimal working climate

- Relaxed working posture
- Comfortable seat for the operator
- Ergonomically adjustable Command Arm with LCD
- Radio preparation and 12-volt connection
- Windscreen wiper with interval

### Comfort cabin equipped with all luxury

- Extensive ventilation options
- standard equipped with traffic lighting
- Spacious cabin with plenty of head space
- Air conditioning with climate control

### Maximum overview

- Tinted glass, sunshade and 3 mirrors
- Two doors and hinged rear window
- Excellent view of the mowing units and wheels



### Excellent maintenance support

The renewed 302 series is not only easily accessible for carrying out maintenance, but Roberine also offers you excellent service when it comes to servicing.

Roberine and its dealer network stand for high service and excellent support. You can expect our ability and expertise in all aspects of service. For example, we have specific diagnostic tools for maintenance, and all our original Roberine parts are of high quality. In addition, you have 24-hour access to the dealer login containing the registered machine information.

### Optimal mowing with the plunger motor

- More mowing power with plunger components
- Long service life
- High productivity and effectiveness
- Less wear and tear
- High hydraulic efficiency

### Transport reinvented

- High ground clearance
- Transport hooks in an quickly accessible place
- Compact dimensions (155cm)
- Low weight
- Easy to modulate driving speed
- Sublime driving characteristics in urban traffic



## Specifications 302-serie

<b>Engine</b>	Yanmar 3TNV86CT turbo diesel: 32,4KW/2700rpm (44 HP), 3 cylinder with DPF - Stage 5.
<b>Cylinder capacity</b>	1568 cc.
<b>Fuel tank</b>	45 litre (enough to work all day)
<b>Speed</b>	Mowing: Forwards: 13km/h ; Reverse 9km/h; Transport speed: Forwards: 25km/h; Reverse 9km/h
<b>Traction, and drive</b>	
<b>Drive</b>	Automatic hydrostatic four-wheel drive (drive by wire)
<b>Mowing system</b>	Hydraulic Axial plunger pump for mowing units
<b>Hydraulic tank</b>	55 litre capacity with oil-level glass
<b>Tyres, brakes and steering</b>	
<b>Front tyres</b>	Vredestein Greentrac Turf 320/55 - 12 (26x12-12 8 PR)
<b>Rear tyres</b>	Vredestein Greentrac Turf 250/50 - 10 (20x10-10 6PR)
<b>Brake system</b>	Maintenance-free hydrostatic brake system
<b>Parking brake</b>	Electrically operated maintenance-free handbrake on the front wheel motors
<b>Steering</b>	Fully hydraulic rear-wheel steering, including adjustable steering column (angle and height)
<b>Seat</b>	Standard fully adjustable Grammer comfort air-suspended seat with automatic weight adjustment and Command Arm
<b>LCD Display</b>	Speed, RPM, hydraulic oil and coolant temperature. Language and layout adjustable to your liking. Fuel level, (average) fuel consumption, engine and mowing hours, speed mowing units (adjustable), outdoor temperature, battery voltage and distance. Time, regeneration mode, weight transfer mode, handbrake, Cruise control (optional), mowing position and turn signal. Alerts and alarms. Service and status window. DPF Status and Angle of Inclination Indicator (optional).
<b>Indicators</b>	Hydraulic-oil level gauge
<b>Weight and dimensions</b>	
<b>Total length</b>	280 cm
<b>Height</b>	234 cm with ROPS / 166 cm with ROPS down / 225 cm with cabin and airco
<b>Wheel base</b>	145 cm
<b>Transport width</b>	155 cm
<b>Weight with ROPS</b>	1448 kg with ROPS (including bumper and basket)
<b>Total weight with cabin</b>	1685 kg (including bumper and basket)
<b>Certifications</b>	Certified according to CE machine certification, protection on the front of the front two flail units, ISO 17101-2, certified according to ISO 21299 for ROPS
<b>Options</b>	Rear bumper, luggage carrier, road lighting, LED flashing lamp, cabin with heating and air conditioning, reversing fan, organic hydraulic oil, ejection protection, sunroof, tilt sensor, cruise control, floating heads (on request), protective covers, etc.