



## RD10Yehf LRC

### Walk-behind roller

Achieving the perfect work results with ease

The RD10 walk-behind double-drum vibratory roller with optimally integrated frequency and two vibration stages provides excellent soil and asphalt compaction results. The roller is characterized by its ergonomically arranged operator controls, such as the engine rpm adjuster that is attached to the guide handle. The easy, tool-free access to all service points makes the RD10 a simple and economical solution for every construction site.

### Highlights

- All control elements are located directly on the guide handle
- Engine speed adjustment for engines with three positions (Off, Idle, Full Throttle) directly on the guide handle
- Good visibility on fill levels
- Ergonomic handle and travel lever with recessed handles

### Technical Data

#### ■ Hydraulic

Tank capacity 3.0 l

Dry Weight 940.0 kg

#### ■ Mechanical - Output Details

Transmission Hydrostatic with electronic control unit

Drum diameter 400.0 mm

Area capacity 2,625.0 m<sup>2</sup>/h

Side clearance right 225.0 mm

Gradeability 25.0 %

Curb clearance right 35.0 mm

Gradeability max. (without vibration) 33.0 %

Curb clearance left 35.0 mm

Operating speed [km/h] 3.5 km/h

Wheelbase 500.0 mm

Vibrations (Hz) 57.5 Hz

■ Environment Data

Linear force dynamic front 26.0 N/mm

Sound level LpA 88.0 dB(A)

Linear force dynamic rear 26.0 N/mm

Sound level LpA (Standard) EN 500-4

Total Linear Force/Drum (rear) 21.1 N/mm

Sound power LWA, measured 103.0 dB(A)

Travel speed 3.5 km/h

Sound power LWA, guaranteed 108.0 dB(A)

Centrifugal force Level I 22.0 kN

Sound power LWA (Standard) EN 500-4

Centrifugal force Level II 39.0 kN

■ Operating Fluids

Exciter Type Hydraulic

Water tank capacity 60.0 l

Travel speed (reverse) 2.5 km/h

Exciter oil type ISO VG 220

#### ■ Mechanical Details

Width 840.0 mm

Hydraulic fluid volume 5.0 l

Operating weight 970.0 kg

Hydraulic fluid type ISO VG 46

Lubricant type for non-drive side bearing KP2P-30 (DIN 51502)

#### ■ Chassis

Brake Surge brake

## Available engines

### **Yanmar L100N5**

Cooling	air cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	1
Cylinder capacity	445 cm <sup>3</sup>
Fuel	Diesel EN 590
Fuel consumption	1.20 L/hr
Tank capacity	5.40 l
Effective power	6.50 KW
Nominal Engine speed	3,000 PL
Standard (Effective power)	ISO 3046-1
Operating power	5.9 KW
Operating Engine speed	2,400 PL
Standard (Operating power)	ISO 3046-1
Starter type	E-starter
Engine Manufacturer	Yanmar