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## Tandem roller RD18-100

5100011383

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### Tandem roller RD18-100

Material number 5100011383

Tandem-axle roller of the 1.5-ton class, two vibration drums, unilateral drum fastening with complete curb clearance.



### Product details

#### Standard equipment

- Practical handle design for easy entry
- Adjustable, vibration-decoupled operator platform, therefore low whole body vibrations and ergonomic seat comfort
- Intuitive, clearly arranged operator panel
- Two forward + reverse travel levers for simple and intuitive operation
- Vibration can be chosen in front and/or rear, two vibration levels
- Fixed drum offset for easy maneuvering on walls (cannot be converted)
- Good view of the drums due to the compact design
- Triangle, articulated pendulum joint for high tipping stability and stability when turning curves
- Large, side-protected water tank
- Low lying, central water outlet with self-cleaning water filter
- Fold-down scraper bar
- Fold-down ROPS bar
- Well-balanced central lifting point
- Sturdy, low lying and therefore well-balanced tie-downs
- Front and rear lighting according to StVZO [Road Traffic Licensing Regulations]
- Simple radiator maintenance through "quick access"

#### Options

- Biodegradable hydraulic oil

- Antifreeze injection
- Backup alarm
- Work lighting on roll-over protective structure, dual
- Rotating beacon on roll-over protective structure
- Acoustic insulation (proofing)
- TÜV approval

### **Comes with**

- Roller

## Technical specifications

### Tandem roller RD18-100

#### MECHANICAL DETAILS

Length	2.260 mm
Width	1.056 mm
Height	2.210 mm
Operating weight	1.950,0 kg
Ground clearance Middle	230 mm
Axle load Front	815,0 kg
Axle load Rear	855,0 kg
Drum type Front	smooth / undivided
Turning radius inside	2.130 mm
Drum width	100 mm
Operating width	1.056 mm
Operating weight with roll-ove	1.670,0 kg
Drum type Rear	smooth / undivided

#### ENGINE

Fuel	Diesel EN 590
Cylinder	3
Tank capacity	70,0 l
Standard (Power max.)	ISO 14396
Engine speed (Power max.)	ISO 14396
Effective power	14,8 KW
Battery Size BCI Group	Kubota
Engine Manufacturer	Kubota

#### OPERATING FLUIDS

Water tank capacity	70,0 l
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#### MECHANICAL - OUTPUT DETAILS

Forward Running	183,00 m/min
Gradeability max. (without vib	40,0 %

Gradeability	30,0 %
Frequency Level II Hz	52 Hz
Frequency Level I Hz	65 Hz
Centrifugal force Level II	16,000 kN
Centrifugal force Level I	25,000 kN
Amplitude Level I mm	0,45 mm
Linear force static (front)	8,10 N/mm
Linear force static (rear)	8,60 N/mm

**Please Note**

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions Subject to alterations and errors expected. Applicable also to illustrations.

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