



RD27-120
Tandem Rollers



Versatile roller offers excellent compaction results

The 2.5-ton, RD 27 series provides the ultimate in compaction versatility. Each model offers a choice of high or low compaction force to fit a variety of conditions and applications. Dual frequency per drum is throttle lever controlled and accurately matches the roller to the job. Lower centrifugal force is ideal for asphalt applications while higher centrifugal force is better suited for work on granular subbases.

- Air filtration system features a two stage cyclonic filter and an easy to read filter minder for longer life.
- Large hood opens to fully expose engine and internal components for easy access and better serviceability.
- Intermittent sprinkler system offers a three-stage filter system for added reliability and removable water tank has large drain nozzle for efficient emptying.
- Ergonomically designed operator's station offers excellent visibility. Operator comfort is maximized with heavy-duty shockmounts to reduce HAV (hand-arm vibration).
- Powered by a reliable Perkins diesel engine for quality performance and high productivity. Units come standard with a foldable ROPS.



Technical specifications

RD27-120

Operating data

Operating weight w/175 lb Operator	2,824 kg
L x W x H	2500 x 1305 x 2775 mm
Drum width	1,200 mm
Drum diameter	700 mm
Side clearance Right	51 mm
Side clearance Left	51 mm
Curb clearance Right	474 mm
Curb clearance Left	474 mm
Centrifugal force Dynamic/drum	83.1 kN
Frequency	66 Hz
Linear force Static - Front/Rear	11/12.1 N/mm
Linear force Dynamic - Front/Rear	24/34.6 N/mm
Travel speed Forward	10 km/h
Travel speed Reverse	10 km/h
Surface capacity Max Area	12,000 m ² /h
Gradeability	35 %
Turning radius Outside	3,740 mm

Engine / Motor

Engine / Motor type	Water-cooled, 3-cylinder, diesel engine w/electric start
Engine / Motor manufacturer	Perkins
Displacement	1,500 cm ³
RPM / speed Operating	2,470 rpm
Operating performance Max. Rated at 2800 rpm	24.4 kW
Fuel consumption	7.6 l/h
Tank capacity Fuel	51 l
Tank capacity Water	150 l



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all it takes!

Please note

that 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 stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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