



RD28-120 CN

Tandem roller

Convenient and efficient

The RD28 is the compact and versatile for every construction site. With its three-point articulated pendulum joint, the roller achieves a consistently even weight distribution with optimum maneuverability and travel stability. As a result, excellent, high-quality asphalt surfaces can be achieved. The user benefits from intuitive operation as well as the comprehensive view of the compaction area. Because of its compact dimensions, the RD28 is an excellent choice for use in confined areas.

Highlights

- Ergonomic work platform
- Clearly arranged, intuitive operator panel
- Large line-of-sight, compact construction

Technical Data

Mechanical - Output Details	
Gradeability	30.0 %
Gradeability max. (without vibration)	40.0 %
Travel speed	0.0 - 12.0 km/h
Static linear load (front)	1.13 kg/mm
Linear load with vibration Level I (rear) 4.82 kg/mm
Linear load with vibration Level II (rear)	3.37 kg/mm
Compaction force Level I (front)	56 kN
Compaction force Level II (front)	39 kN
Compaction force I (rear)	57 kN
Compaction force II (rear)	40 kN
Vibration frequency Level I (front)	67.0 Hz
Vibration frequency Level II (front)	52.0 Hz
Vibration frequency Level I (rear)	67.0 Hz
Vibration frequency Level II (rear)	52.0 Hz
Amplitude Level I (front)	0.5200 mm
Amplitude Level II (front)	0.5200 mm
Amplitude Level II (rear)	0.5200 mm
Centrifugal force Level I (front)	52 kN
Centrifugal force Level I (rear)	52 kN
Mechanical Details	
Length	2,530.0 mm

Operating weight	2,755.0 kg
Dry Weight	2,550.0 kg
Gross vehicular weight	2,860.0 kg
Curb clearance right	55.0 mm
Curb clearance left	55.0 mm
Operating width	1,200.0 mm
Ground clearance Middle	280.0 mm
Turning radius inside	2,370.0 mm
Operating weight with roll-over protective structure	2,755.0 kg
Wheelbase	1,700.0 mm
Operating weight, max.	3,570.00 kg
Curb clearance (left)	570.0 mm
Curb clearance (right)	570.0 mm
Empty weight with ROPS	2,550.0 kg
Turning radius outside	3,570.0 mm
Drum width (front)	1,200.0 mm
Drum width (rear)	1,200.0 mm
Drum diameter (front)	720.0 mm
Drum diameter (rear)	720.0 mm
Drum thickness (front)	15.0 mm
Engine	
Cylinder capacity	1,826.0 cm3
Effective power	24.4 KW

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

1,310.0 mm

Width

Nominal Engine speed	2,600.0 1/min
Standard (Effective power)	ISO 14396
Starter battery Voltage	12.0 V
Battery capacity (nom. value)	75.0 Ah
Engine Manufacturer	Kubota
Speed max.	2,820.0 1/min
Engine Designation	D1803-M-DI-CT02
Environment Data	
Sound level LpA	88.0 dB(A)
Sound power LWA, measured	105.0 dB(A)

Sound power LWA, guaranteed	106.0 dB(A)
Exhaust aftertreatment	no
Catalyst	no
Particle filter	no
Operating Fluids	
Water tank capacity	180.0 I
Fuel Tank capacity	42.0
Chassis	
Pendulum angle +/-	8.0 °