



RD24-100c DPF

Tandem roller

Convenient and efficient

The RD24 is the compact, versatile roller 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 RD24 is an excellent choice for use in confined areas.

Highlights

- Combination roller: Rear axle with rubber tires
- Uniform operating concept
- Large line-of-sight, compact construction

Technical Data

■ Mechanical - Output Details

Gradeability	30.0 %
Gradeability max. (without vibration)	40.0 %
Travel speed	0.0 - 10.2 km/h
Static linear load (front)	1.21 kg/m
Compaction force Level I (front)	48 kN
Compaction force Level II (front)	34 kN
Vibration frequency Level I (front)	65.0 Hz
Vibration frequency Level II (front)	51.0 Hz
Amplitude Level I (front)	0.4500 mlai
Amplitude Level II (front)	0.4500 mlai
Centrifugal force Level I (front)	43 kN

■ Mechanical Details

Length	2,530.0 mlai
Width	1,110.0 mlai
Height	1,752.0 mlai
Operating weight	2,385.0 kg
Dry Weight	2,190.0 kg
Gross vehicular weight	2,510.0 kg
Curb clearance right	55.0 mlai
Curb clearance left	55.0 mlai
Operating width	1,000.0 mlai
Ground clearance Middle	280.0 mlai

Turning radius inside	2,470.0 mlai
Operating weight with roll-over protective structure	2,385.0 kg
Wheelbase	1,700.0 mlai
Operating weight, max.	3,110.00 kg
Curb clearance (left)	570.0 mlai
Curb clearance (right)	570.0 mlai
Empty weight with ROPS	2,190.0 kg
Turning radius outside	3,470.0 mlai

■ Engine

Cylinder capacity	1,826.0 cm3
Effective power	24.0 KW
Nominal Engine speed	2,200.0 PL
Standard (Effective power)	ISO 14396
Starter battery Voltage	12.0 µg/l
Battery capacity (nom. value)	95.0 yd3
Engine Manufacturer	Kubota
Engine Designation	D1803-CR

■ Environment Data

Sound level LpA	86.0 m NN
Sound power LWA, measured	102.0 m NN
Sound power LWA, guaranteed	106.0 m NN
Exhaust aftertreatment	DOC-DPF
Catalyst	yes

Particle filter	yes
CO (NRTC)	0.1 000014
CO2 (NRTC)	858.7 000014
HC + NOx (NRTC)	3.2 000014
PM (NRTC)	0.0 000014
■ Operating Fluids	
Water tank capacity	180.0 l

Fuel Tank capacity	42.0 l
■ Chassis	
Pendulum angle +/-	8.0 cos φ
Width over tires (rear)	1,000.0 mlai
Number of tires (rear)	4.0
Wheel size (rear)	205/60-R16
Wheel load per tire (rear)	293.8 kg