





RD40-1300 DPF

Tandem roller

Powerful and versatile

The articulated RD40 is a powerful roller that offers balanced weight distribution on the front and rear drum which provides very even compaction results. It offers high degree of driving stability and is easy to maneuver. Additionally, the excellent view compacted area and the large drum diameter contribute to first-class results. The ROPS roll-over protective structure, which can be folded away to the rear for transport, makes for a safer working environment.

Highlights

- Rear axle with oscillation drum
- Ergonomic work platform
- Uniform operating concept
- Large line-of-sight, compact construction

Technical Data

Med	hanical -	Output	Details
INIEC	, i i ai ii Cai -	Output	Details

Gradeability	30.0 %		
Gradeability max. (without vibration)	40.0 %		
Travel speed	0.0 - 11.0 km/h		
Static linear load (front)	1.63 kg/mm		
Compaction force Level I (front)	84 kN		
Compaction force Level II (front)	59 kN		
Compaction force I (rear)	93 kN		
Compaction force II (rear)	64 kN		
Vibration frequency Level I (front)	60.0 Hz		
Vibration frequency Level II (front)	51.0 Hz		
Amplitude Level I (front)	0.5100 mm		
Amplitude Level II (front)	0.3100 mm		
Centrifugal force Level I (front)	64 kN		
Oscillation frequency Level I (rear)	39.0 Hz		
Oscillation frequency Level II (rear)	30.0 Hz		
Tangential amplitude Level II (rear)	1.4 mm		
Oscillation force Level I (rear)	72.0 kN		
Oscillation force Level II (rear)	43.0 kN		
Mechanical Details			
Length	2,965.0 mm		
Width	1,426.0 mm		

Height	2,590.0 mm
Operating weight	4,235.0 kg
Dry Weight	3,980.0 kg
Gross vehicular weight	4,410.0 kg
Curb clearance right	63.0 mm
Curb clearance left	63.0 mm
Operating width	1,300.0 mm
Ground clearance Middle	305.0 mm
Turning radius inside	2,690.0 mm
Operating weight with roll-over protective structure	4,235.0 kg
Operating weight with cabin	4,485.0 kg
Wheelbase	1,950.0 mm
Operating weight, max.	5,430.00 kg
Curb clearance (left)	720.0 mm
Curb clearance (right)	720.0 mm
Total height with cabin	2,720.0 mm
Empty weight with cabin	4,240.0 kg
Empty weight with ROPS	3,980.0 kg
Turning radius outside	3,990.0 mm
Drum width (front)	1,300.0 mm
Drum width (rear)	1,300.0 mm
Drum diameter (front)	900.0 mm

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.

Drum diameter (rear)	900.0 mm		
Drum thickness (front)	17.0 mm		
■ Engine			
Cylinder capacity	2,434.0 cm3		
Effective power	37.4 KW		
Nominal Engine speed	2,700.0 1/min		
Standard (Effective power)	ISO 14396		
Starter battery Voltage	12.0 V		
Battery capacity (nom. value)	95.0 Ah		
Engine Manufacturer	Kubota		
Engine Designation	V2403-CR		
■ Environment Data			
Sound level LpA	88.0 dB(A)		

Sound power LWA, guaranteed	104.0 dB(A)
Exhaust aftertreatment	DOC-DPF
Catalyst	yes
Particle filter	yes
CO (NRTC)	0.1 g/KWh
CO2 (NRTC)	834.6 g/KWh
HC + NOx (NRTC)	3.0 g/KWh
PM (NRTC)	0.0 g/KWh
Operating Fluids	
Water tank capacity	285.0
Fuel Tank capacity	73.0
Chassis	
Pendulum angle +/-	8.0 °