



## RD40-130c 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

- Combination roller: Rear axle with rubber tires
- Ergonomic work platform
- 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 - 6.8 m/H
Linear load with vibration Level I (front)	369.10 lb/in
Linear load with vibration Level II (front)	258.99 lb/in
Compaction force Level I (front)	18,884 lbf
Compaction force Level II (front)	13,264 lbf
Vibration frequency Level I (front)	60.0 Hz
Vibration frequency Level II (front)	51.0 Hz
Amplitude Level I (front)	0.0201 "
Amplitude Level II (front)	0.0122 "
Centrifugal force Level I (front)	14,388 lbf
Centrifugal force Level II (front)	8,768 lbf

Curb clearance left	2.5 "
Operating width	51.2 "
Turning radius inside	105.9 "
Operating weight with roll-over protective structure	8,631.1 lb
Operating weight with cabin	9,182.3 lb
Wheelbase	76.8 "
Operating weight, max.	11,265.63 lb
Curb clearance (left)	28.3 "
Curb clearance (right)	28.3 "
Total height with cabin	107.1 "
Total height with ROPS	102.0 "
Empty weight with cabin	8,642.1 lb
Empty weight with ROPS	8,068.9 lb
Turning radius outside	157.1 "

#### ■ Mechanical Details

Length	116.7 "
Width	56.1 "
Height	102.0 "
Operating weight	8,631.1 lb
Dry Weight	8,068.9 lb
Gross vehicular weight	9,016.9 lb
Curb clearance right	2.5 "

#### ■ Engine

Cylinder capacity	148.5 Inch <sup>3</sup>
Effective power	50.2 hp
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	PM (NRTC)	0.0 g/KWh
<b>■ Environment Data</b>			
Sound level LpA	88.0 dB(A)	Water tank capacity	75.3 gal US
Sound power LWA, guaranteed	104.0 dB(A)	Fuel Tank capacity	19.3 gal US
Exhaust aftertreatment	DOC-DPF	<b>■ Chassis</b>	
Catalyst	yes	Pendulum angle +/-	8.0 °
Particle filter	yes	Width over tires (rear)	50.2 "
CO (NRTC)	0.1 g/KWh	Number of tires (rear)	4.0
CO2 (NRTC)	834.6 g/KWh	Wheel size (rear)	10.5/80-17
HC + NOx (NRTC)	3.0 g/KWh	Wheel load per tire (rear)	988.8 lb