



## RD40-130.3

### 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

- 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 - 11.0 km/h
Static linear load (front)	1.54 kg/mm
Linear load with vibration Level I (rear)	5.35 kg/mm
Linear load with vibration Level II (rear)	3.15 kg/mm
Compaction force Level I (front)	69 kN
Compaction force Level II (front)	41 kN
Compaction force I (rear)	68 kN
Compaction force II (rear)	40 kN
Vibration frequency Level I (front)	57.0 Hz
Vibration frequency Level II (front)	48.0 Hz
Vibration frequency Level I (rear)	57.0 Hz
Vibration frequency Level II (rear)	48.0 Hz
Amplitude Level I (front)	0.5100 mm
Amplitude Level II (front)	0.3100 mm
Amplitude Level II (rear)	0.3100 mm
Centrifugal force Level I (front)	58 kN
Centrifugal force Level I (rear)	58 kN

### ■ Mechanical Details

Length	2,896.0 mm
Width	1,426.0 mm

Height	1,820.0 mm
Operating weight	3,965.0 kg
Dry Weight	3,710.0 kg
Gross vehicular weight	4,150.0 kg
Curb clearance right	63.0 mm
Curb clearance left	63.0 mm
Operating width	1,300.0 mm
Ground clearance	305.0 mm
Turning radius inside	2,690.0 mm
Operating weight with roll-over protective structure	3,965.0 kg
Operating weight with cabin	4,225.0 kg
Wheelbase	1,950.0 mm
Operating weight, max.	4,920.00 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	3,970.0 kg
Empty weight with ROPS	3,710.0 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
Drum diameter (rear)	900.0 mm

Drum thickness (front) 17.0 mm

### ■ Engine

Cylinder capacity 2,197.0 cm<sup>3</sup>

Effective power 34.6 KW

Nominal Engine speed 2,700.0 1/min

Standard (Effective power) ISO 14396

Starter battery Voltage 12.0 V

Battery capacity (nom. value) 77.0 Ah

Engine Manufacturer Kubota

Engine Designation V2203

### ■ Environment Data

Sound level LpA 87.0 dB(A)

Sound power LWA, measured 102.0 dB(A)

Sound power LWA, guaranteed 106.0 dB(A)

Exhaust aftertreatment no

Catalyst no

Particle filter no

CO (NRSC) 1.0 g/KWh

CO<sub>2</sub> (NRSC) 791.0 g/KWh

HC + NO<sub>x</sub> (NRSC) 6.6 g/KWh

PM (NRSC) 0.4 g/KWh

### ■ Operating Fluids

Water tank capacity 260.0 l

Fuel Tank capacity 73.0 l

### ■ Chassis

Pendulum angle +/- 8.0 °