



# RD18-100c

### **Tandem roller**

### Compact and maneuverable

The RD18 is a compact and particularly maneuverable roller in the 1,8-t class. The 3-point articulated joint, combined with a large drum diameter, delivers even compaction performance and a high-quality asphalt surface. The user benefits from a comfortable work platform and intuitive operation. A feature of the RD18 is the one-sided drum lifting point with drums offset, which makes precise compaction possible very close to edges and walls on both sides

## Highlights

- Combination roller: Rear axle with rubber tires
- Ergonomic work platform
- One-sided drum fastening with drum offset
- Uniform operating concept
- Large line-of-sight, compact construction

Mechanical - Output Details

#### **Technical Data**

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30.0 %
40.0 %
0.0 - 11.0 km/h
0.81 kg/mm
29 kN
22 kN
61.0 Hz
48.0 Hz
0.3800 mm
0.3800 mm
17 kN
2,309.0 mm
1,040.0 mm
1,640.0 kg
1,500.0 kg
1,690.0 kg
1,040.0 mm
240.0 mm

Operating weight with roll-over protective structure	1,640.0 kg
Wheelbase	1,560.0 mm
Operating weight, max.	1,740.00 kg
Empty weight with ROPS	1,500.0 kg
Turning radius outside	3,165.0 mm
Engine	
Cylinder capacity	1,123.0 cm3
Effective power	16.3 KW
Nominal Engine speed	2,600.0 1/min
Standard (Effective power)	ISO 14396
Starter battery Voltage	12.0 V
Battery capacity (nom. value)	70.0 Ah
Engine Manufacturer	Kubota
Engine Designation	D1105-E4B
Environment Data	
Sound level LpA	84.0 dB(A)
Sound power LWA, measured	103.0 dB(A)
Sound power LWA, guaranteed	104.0 dB(A)
Exhaust aftertreatment	no
Catalyst	no
Particle filter	no

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.

CO2 (NRSC)	1,018.0 g/KWh
Operating Fluids	
Water tank capacity	70.0
Fuel Tank capacity	33.0

### Chassis

Pendulum angle +/-	8.0 °
Width over tires (rear)	1,000.0 mm
Number of tires (rear)	4.0
Wheel size (rear)	205/60-R16
Wheel load per tire (rear)	208.8 kg