



## RTX-SC3

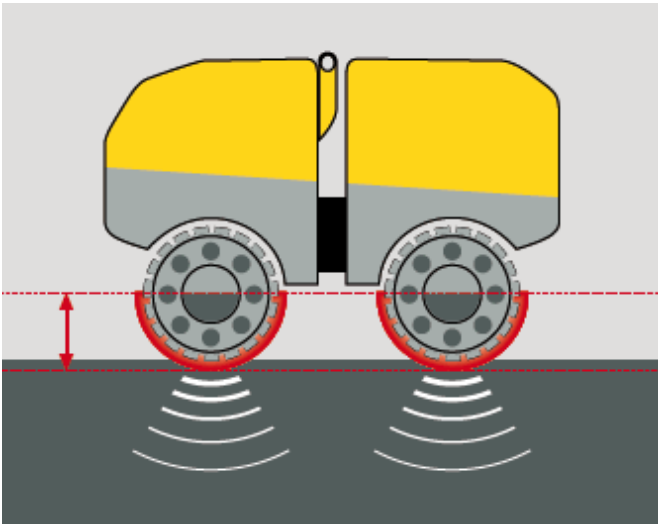
Trench Rollers



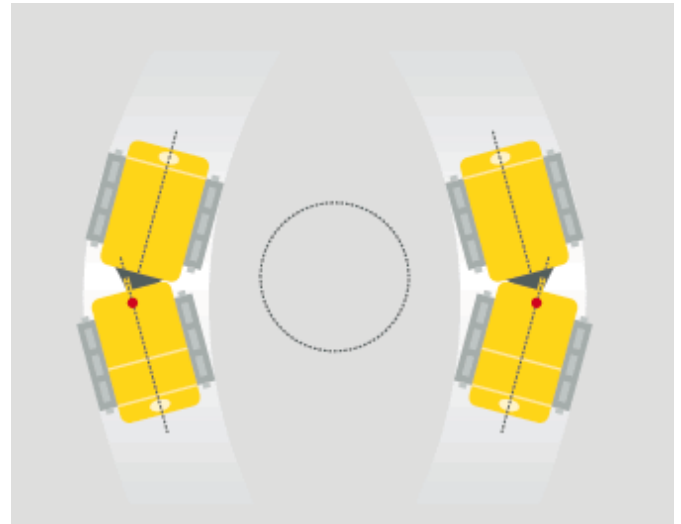
### The smart remote-controlled trench roller

The RT trench roller with the SC3 infrared-remote control offers proven compaction results with safer operation. The smart control uses an infrared signal with line-of-sight control. The machine stops moving and vibrating should the line-of-sight be lost or if the operator comes within one meter (three feet) of the roller's receiving eyes with the control box. The articulated trench roller below the axle exciter in each drum to allow for the efficient transfer of compaction energy to the soil for superior compaction results.

- Patented three receiving eye design eliminates signal loss from trench shoring while retaining the line-of-sight control of the roller. With 16 channel transmission, multiple rollers can be operated on the same jobsite without interference from one another.
- RTx model offers flexible drums that allows for convenient conversion from 82 cm/32 in to 56 cm/22 in. The easy to remove extensions have a central mounting system that protects the bolts from exposure to damage during operation.
- The articulated joint increases maneuverability and the low center of gravity improves stability. High and low compaction force provides flexibility depending on the job.
- The lower end is completely maintenance-free due to the self-lubricating design of the drive and the exciter.
- The engine control module with diagnostic LEDs monitors machine functions such as oil pressure, radiator level, engine temperature, glow plug, battery and air filter capacity for easy operation and troubleshooting.



Below the axle exciter in each drum: means more efficient transfer of compaction energy to the soil and improved stability of the machine.



The articulated joint enables continuous operation around curved building segments.



## Technical specifications

### Operating data

Operating weight	1,495 kg
L x W x H	1853 x 820 x 1270 mm
Drum diameter	520 mm
Width Drum	560 / 820 * mm
Centrifugal force (min.)	34.2 kN
Centrifugal force (max.)	68.4 kN
Frequency	41.7 Hz
Linear force static (per drum)	10 N/mm
Linear force dynamic (per drum)	45 N/mm
Travel speed forward	2.5 km/h
Travel speed reverse	2.5 km/h
Turning radius inner	1,600 mm
Surface capacity max. (depending on soil consistency)	990 m <sup>2</sup> /h
Gradeability max. (without vibration)	50 %
Gradeability max. (with vibration)	45 %

### Engine / Motor

Engine / Motor type	Water-cooled 3-cylinder diesel engine with electric starter
Engine / Motor manufacturer	Kohler KDW 1003
Displacement	1,028 cm <sup>3</sup>
Operating performance (DIN ISO 3046)	14.8 kW
RPM / speed Operating	3,000 rpm
Fuel type Low Sulfur / Ultra Low Sulfur	Diesel
Fuel consumption	4.5 l/h
Tank capacity	24 l

\*RTx model drums can be configured for 32in (820mm) or 22in (560mm) width.

#### Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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