

RTX-SC3

Trench Rollers



**WACKER
NEUSON**
all it takes!



The smart remote-controlled vibratory trench roller

The RT trench roller is ideally suited for the compaction of excavations and sub bases of foundations, roads and parking lots. The compaction of cohesive soils is the RT's specialty. The sheepfoot drums, together with the adjustable centrifugal force, achieve optimum results. Available in two different drum widths. The remote control system uses infrared technology for maximum safety: The machine is disabled as soon as the line of sight between operator and device is lost. The proximity recognition sensor stops the RT as soon as it moves within 2 m of the operator.

- A patented third infrared receiving eye on top of the Trench Roller provides permanent contact with the remote control even in the trench shoring.
- The base plate is completely maintenance free, because the drive system and exciter are provided with a permanent lubrication. That makes it most economical to run throughout its whole service life.
- The below the axle exciter in each drum allows for more efficient transfer of compaction energy to the soil for superior compaction results. In addition, the low position of the exciters improves the stability of the machine and lowers the risk of the device toppling over.
- 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.

- RTx-SC3 - two rollers in one: The attachment drums allow for an easy change between 82 and 56cm. The mounting points are near the hub, protected against heavy pollution and deformation.

RTX-SC3 Technical specifications

Operating data

Operating weight	1,465 kg
L x W x H	1853 x 820 x 1270 mm
Drum diameter	520 mm
Drum width (min.)	560 mm
Drum width (max.)	820 mm
Centrifugal force (min.)	34.2 kN
Centrifugal force (max.)	68.4 kN
Frequency	42 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	1,600 mm
Surface capacity max. (depending on soil consistency)	990 m ² /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 KDW1003
Displacement	1,028 cm ³
Operating performance (DIN ISO 3046)	14.8 kW
RPM / speed	3,000 rpm
Fuel type	Diesel
Fuel consumption	4.5 l/h
Tank capacity	24 l

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