

# RTX-SC3

## Trench Rollers



### 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. Available with

the choice of Kohler or Kubota engine.

- 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.



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## RTX-SC3 Technical specifications

	RTX-SC3	RTX-SC3
<b>Operating data</b>		
Operating weight kg	1,495	1,467
L x W x H mm	1853 x 820 x 1270	1853 x 820 x 1270
Drum diameter mm	520	520
Drum width (min.) mm	560	560
Drum width (max.) mm	820	820
Centrifugal force (min.) kN	34.2	34.2
Centrifugal force (max.) kN	68.4	68.4
Frequency Hz	41.7	41.7
Linear force static (per drum) N/mm	10	9
Linear force dynamic (per drum) N/mm	45	45
Travel speed forward km/h	2.5	2.5
Travel speed reverse km/h	2.5	2.5
Turning radius mm	1,600	1,600
Surface capacity max. (depending on soil consistency) m <sup>2</sup> /h	990	990
Gradeability max. (without vibration) %	50	50
Gradeability max. (with vibration) %	45	50
<b>Engine / Motor</b>		
Engine / Motor type	Water-cooled 3-cylinder diesel engine with electric starter	Water-cooled 3-cylinder diesel engine with electric starter
Engine / Motor manufacturer	Kohler KDW1003	Kubota D902
Displacement cm <sup>3</sup>	1,028	898
Operating performance (DIN ISO 3046) kW	14.8	15.5
RPM / speed rpm	3,000	3,000
Fuel type	Diesel	Diesel
Fuel consumption l/h	4.5	4.5
Tank capacity l	24	24

\*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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