



**WACKER
NEUSON**

HYDRO TECHNOLOGY SYSTEMS

RTx SC3

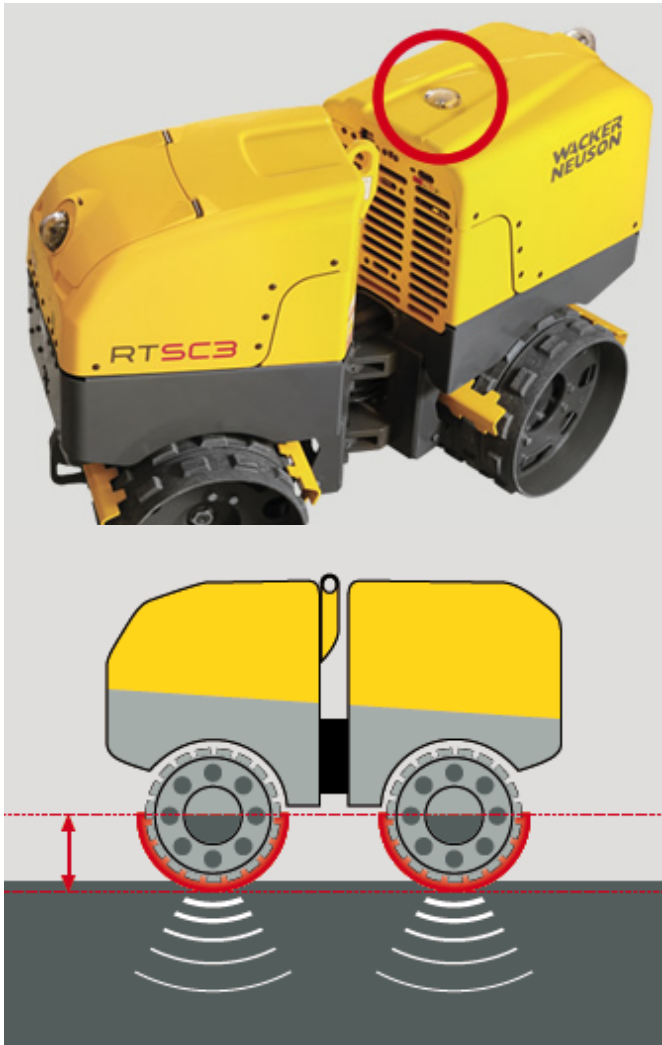
Trench Rollers



The smart remote-controlled trench roller

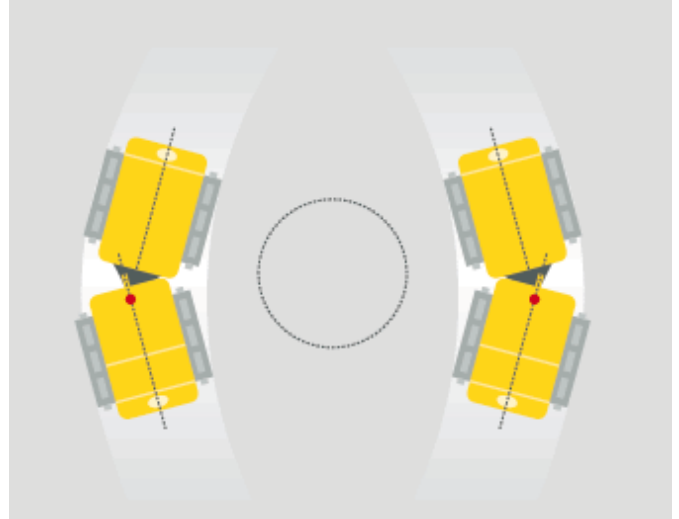
The RT trench roller with the SC3 infrared-remote control offers proven compaction results with safer operation. The smart control uses an infrared signal with line-of-sight control. The machine stops moving and vibrating should the line-of-sight be lost or if the operator comes within three feet (one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

- 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 32 in/82 cm to 22in/56 cm. 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.

Third infrared receiving eye
A prominently placed infrared receiving eye on top of the Trench Roller ensures that the remote control contact is maintained permanently, even in the trench shoring.



The articulated joint enables continuous operation around curved building segments.

**Technical specifications**

	RTLx-SC3	RTL 82-SC3	RTKx-SC3	RTK82-SC3
Operating data				
Operating weight lb	3,295	3,197	3,235	3,134
L x W x H in	73 x 32 x 50	73 x 32 x 50	73 x 32 x 50	73 x 32 x 50
Drum diameter in	20.5	20.5	20.5	20.5
Width Drum in	22 / 32*	32	22 / 32*	32
Centrifugal force (min.) lbf	7,688.5	7,688.5	7,688.5	7,688.5
Centrifugal force (max.) lbf	15,377	15,377	15,377	15,377
Frequency Hz	41.7	41.7	41.7	41.7
Linear force static (per drum) lb/in	57.7	55.4	55.4	52.6
Linear force dynamic (per drum) lb/in	258	258	258	258
Travel speed forward mph	1.5	1.5	1.5	1.5
Travel speed reverse mph	1.5	1.5	1.5	1.5
Turning radius inner in	63	63	63	63
Surface capacity max. (depending on soil consistency) ft ² /h	10,654	10,654	10,654	10,654
Gradeability max. (without vibration) %	50	50	50	50
Gradeability max. (with vibration) %	45	45	50	50
Engine / Motor				
Engine / Motor type	Water-cooled 3-cylinder diesel engine with electric starter	Water-cooled 3-cylinder diesel engine with electric starter	Water-cooled 3-cylinder diesel engine with electric starter	Water-cooled 3-cylinder diesel engine with electric starter
Engine / Motor manufacturer	Kohler KDW 1,003	Kohler KDW 1,003	Kubota D902	Kubota D902
Displacement in ³	62.7	62.7	54.8	54.8
Operating performance (DIN ISO 3046) hp	19.8	19.8	20.8	20.8
RPM / speed Operating rpm	3,000	3,000	3,000	3,000
Fuel type Low Sulfur / Ultra Low Sulfur	Diesel	Diesel	Diesel	Diesel
Fuel consumption US gal/h	1.2	1.2	1.2	1.2
Tank capacity US gal	6.3	6.3	6.3	6.3



*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.