

RTx

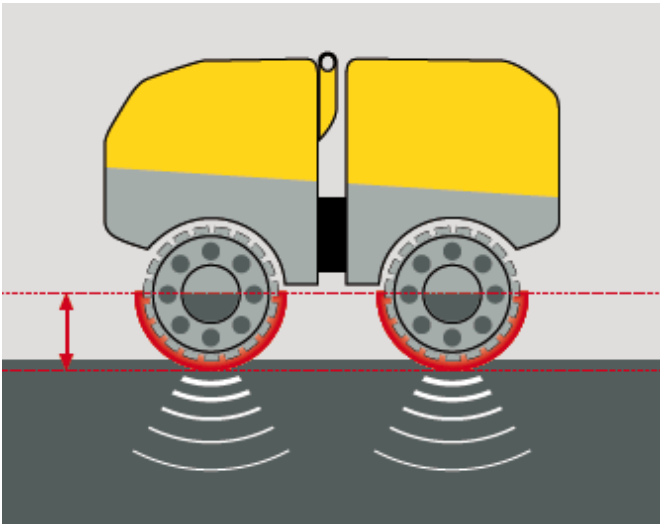
Trench Rollers



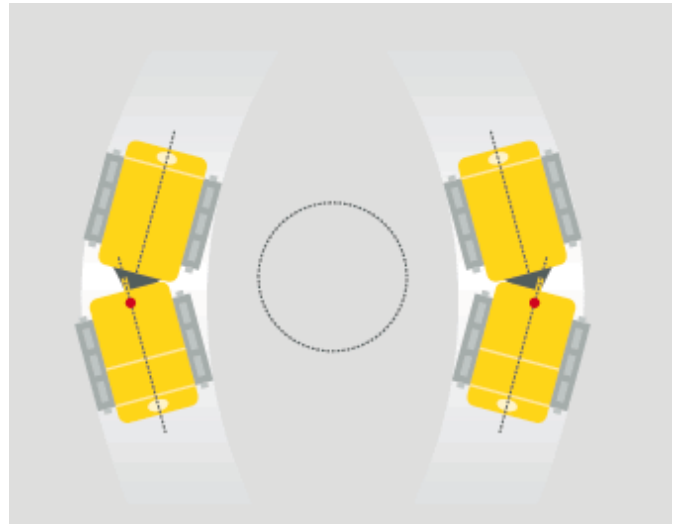
The smart remote-controlled vibratory trench roller

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.

- The lower end is completely maintenance-free, thanks to the self-lubricating design of the drive and exciter. 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 articulated joint increases the maneuverability around curved building segments, such as manhole covers, without tearing up the ground that has just been compacted.
- 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 model offers flexible drums that allows for convenient conversion from 32 in/82 cm to 22 in/56 cm. The easy to remove extensions have a central mounting system that protects the bolts from exposure to damage during operation.



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

	RTx-SC2	RT 82-SC2
Operating data		
Operating weight lb	3,439	3,300
L x W x H in	73 x 32 x 48.4	73 x 32 x 48.4
Drum diameter in	20.5	20.5
Width Drum in	*	32
Centrifugal force (min.) lbf	7,688.5	7,688.5
Centrifugal force (max.) lbf	15,377	15,377
Frequency Hz	41.7	41.7
Linear force static (per drum) lb/in	57.1	55.4
Linear force dynamic (per drum) lb/in	257	257
Travel speed forward mph	1.5	1.5
Travel speed reverse mph	1.5	1.5
Turning radius inner in	63	63
Surface capacity max. (depending on soil consistency) ft ² /h	10,656.4	10,656.4
Gradeability max. (without vibration) %	50	50
Gradeability max. (with vibration) %	45	45
Engine / Motor		
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 KDW 1,003	Kohler KDW 1,003
Displacement in ³	62.7	62.7
Operating performance (DIN ISO 3046) hp	20.8	20.8
RPM / speed Operating rpm	2,600	2,600
Fuel type Low Sulfur / Ultra Low Sulfur	Diesel	Diesel
Fuel consumption US gal/h	1.2	1.2
Tank capacity US gal	6.3	6.3

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

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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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