

RT 82-SC-2 Vibratory Trench Roller

Item Number: 0620528

RT 82-SC-2

Smart trench rollers for tough compaction applications

>> Wacker Neuson's articulated trench rollers feature a dual joystick control box for easy steering. This smart remote control system uses an infrared signal with line-of-sight control for added safety. If the operator comes within six feet (one meter) of the roller's front or rear sensing eye with the control box, the unit will stop moving and vibrating. A smart machine for any jobsite. <<



Additional Advantages

- Maintenance-free / lubrication oil-free lower end including drum drive and exciters.
- Below the axle exciter in each drum allows for more efficient transfer of compaction energy to the soil for superior compaction results.
- The transparent Engine Control Module (ECM) with diagnostic LEDs monitors machine functions such as oil pressure, engine temperature, glow plug, battery, tip over and air cleaner capacity for easy operation and troubleshooting.
- Design patented RT rollers feature an easy to open hood made from a heavy-duty molded material that is extremely durable, rust-free and virtually dent-free.
- Removable fuel and hydraulic tanks along with hydraulic connectors located on one side of the unit provide for easy accessibility and improved overall serviceability.
- These trench rollers are ideally suited for the compaction of sub bases for foundations, roads and parking lots; the sheepsfoot drums and vibration speed also offer optimum compaction of cohesive soils.
- With 16-channel transmission multiple rollers can be operated on the same job site without interference from one another.

Description	Metric	Imperial
Overall size l x w x h	1853 x 820 x 1230 mm	72.9 x 32.1 x 48.4 in
Operating weight	1497 kg	3300 lb
Shipping weight (including packaging)	1515 kg	3340 lb
Shipping size	2261 x 892 x 1382 mm	89 x 35.1 x 54.4 in
Engine Type	Kohler, 3 cylinder liquid-cooled, electric start diesel	
Displacement	1028 cm ³	62.7 in ³
Max. Rated Power at Rated Speed*	15.5 kW at 2600 rpm	20.8 hp at 2600 rpm
Power Rating Specification	ISO 3046/1 - IFN	ISO 3046/1 - IFN
Operating speed	2600 1/min	2600 rpm
Fuel consumption	4.5 l/h	1.2 US gal/h
Fuel tank capacity	24 l	6.3 US gal
Drum diameter	520 mm	20.4 in
Drum width	380 mm	14.9 in
Vibration frequency	41.7 Hz	2500 vpm
Dynamic (centrifugal) force total	68.4/34.2 kN	15377/7688 lbf
Static linear force per drum	9.7/9.7 N/mm	55.4/55.4 lb/in
Dynamic linear force per drum (max.)	45/45 N/mm	258/258 lb/in
Low Speed	21.6 m/min	66 ft/min
High Speed - forward only	41.6 m/min	132 ft/min
Compacted area	990 m ² /h	10654 ft ² /h
Gradeability without vibration	50 %	50 %
Gradeability with vibration	45 %	45 %
Turning radius - inside	1.6 m	63 in
Infrared wireless battery capacity	16 h	16 h
Battery recharge time		120
Max. distance for infrared control	20 m	65 ft

Standard Package - RT 82-SC-2

Includes service tool, operator's manual, parts book and CE certificate.

Please refer to our [Price List](#) and [Ordering Guide](#) for complete accessory information.

Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.

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