

Vibratory Trench Rollers

RT 56-SC

RT 82-SC

Smart trench rollers for tough compaction applications

» WACKER's articulated trench rollers feature a dual joystick remote control box for easy steering. This "Smart Control" (SC) system uses an infrared signal with line-of-sight control for added safety. If the operator comes within five feet (1.5 meters) 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. «

WACKER

- ▣ Reliable
- ▣ Trustworthy
- ▣ Accessible
- ▣ Responsive



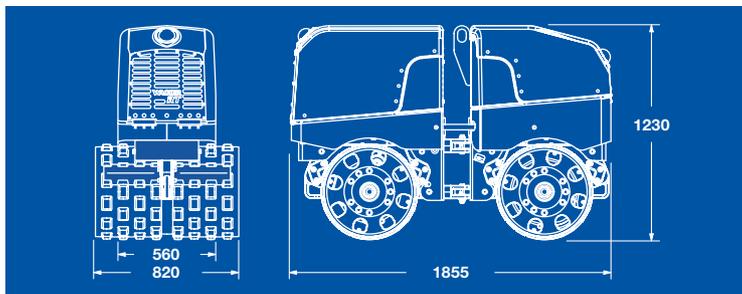
Additional Advantages:

- + A patented below the axle exciter in each drum allows for more efficient transfer of compaction energy to the soil for superior compaction results.
- + The Engine Control Module (ECM) with diagnostic LEDs monitors engine functions: oil pressure, radiator fluid level, engine temperature, glow plug, battery, tip angle 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 lower housings provide for easy accessibility and improved overall serviceability.
- + These trench rollers are ideally suited for the compaction of utility excavations, sub bases for foundations, roads and parking lots; the sheepsfoot drums and vibration speed also offer optimum compaction of cohesive soils.



Technical Data		RT 56-SC	RT 82-SC
Operating weight	lb (kg)	3068 (1391)	3247 (1473)
Drum diameter	in (mm)	20.5 (520)	20.5 (520)
Drum width	in (mm)	22 (560)	32 (820)
Overall size (l x w x h)	in (mm)	73 x 22 x 48.5 (1855 x 560 x 1230)	73 x 32 x 48.5 (1855 x 820 x 1230)
Shipping weight	lb (kg)	3253 (1475)	3434 (1557)
Shipping size (l x w x h)	in (mm)	89 x 35 x 54.5 (2260 x 820 x 1385)	89 x 35 x 54.5 (2260 x 890 x 1385)
Engine type		liquid cooled, 4-cycle, 3-cylinder Lombardini diesel engine with electric start	
Displacement	in ³ (cm ³)	56 (916)	56 (916)
Maximum power (per DIN-ISO 3046)	hp (kW)	21 (15.6)	21 (15.6)
Operating power (per DIN-ISO 3046)	hp (kW)	18 (13.5)	18 (13.5)
Operating speed	rpm	2600	2600
Fuel consumption	gal (l)/h	1.5 (5.6)	1.5 (5.6)
Fuel tank capacity	gal (l)	6.3 (24)	6.3 (24)
Vibration frequency	vpm (Hz)	2500 (41.7)	2500 (41.7)
Dynamic (centrifugal) force total	lb (kN)	7700/15400 (34.2/68.4)	7700/15400 (34.2/68.4)
Total applied force per drum (max.)	lb (kN)	18468 (82)	18647 (83)
Static linear force per drum	lb/in (N/mm)	78 (14)	54.6 (9.6)
Dynamic linear force per drum (max.)	lb/in (N/mm)	393 (69)	258 (45.3)
Total linear force per drum (max.)	lb/in (N/mm)	471 (83)	312.6 (54.9)
Compaction depth	in (cm)	29.5 (75)	29.5 (75)
Working speed	ft (m)/min	66 (20)	66 (20)
Travel speed - forward only	ft (m)/min	131 (40)	131 (40)
Area Capacity	ft ² (m ²)/h	7260 (668)	10560 (972)
Gradeability without/with vibration	%	50/45	50/45
Turning radius - inside	in (m)	73 (1860)	63 (1600)

Standard Package	Model Guide
Vibratory Trench Rollers RT 56-SC RT 82-SC	includes operator's manual and parts book.
	RT = Trench roller 56/82 = Drum width in centimeters SC = Smart control
	Please refer to our Price List and Ordering Guide for complete accessory information.



Specifications may change due to continuous product development.

