



RTLx-SC3

Trench Roller

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 articulated trench roller with padfoot drums offers below the axle exciter in each drum to allow for the efficient transfer of compaction energy to the soil for superior compaction results. Designed for construction, the RT delivers optimal compaction in trenches and sub-base applications for foundations, roads, and parking lots.

Highlights

- Infrared Line-of-sight Remote Control
- Low Exciter Position
- Low Maintenance Cost
- Tip-Over Protection

Technical Data

■ Hydraulic

Tank capacity 30.0 l

Wheelbase 1,000.0 mm

■ Mechanical - Output Details

Area capacity 990.0 m²/h

Drum diameter (minor) 520.0 mm

Gradeability 50.0 %

Drum diameter (major) 550.0 mm

Gradeability max. (without vibration) 50.0 %

Pad Area 23.0 cm²

Vibrations (Hz) 41.0 Hz

Pad Height 16.0 mm

Centrifugal force max. 68.40 kN

■ Generator

Travel speed 1.3 - 2.5 km/h

Output current 1~ 33.0 A

Oscillation Angle 0.0 °

Output voltage 12.0 V

Force/Drum (dynamic) front 34 kN

Nominal speed 3,600.0 1/min

Force/Drum (dynamic) rear 34 kN

■ Electrical System

Exciter Type Hydraulic

Remote Control Range 20.0 m

Travel speed (reverse) 1.3 - 2.5 km/h

Remote Control Bat. Capacity 16.0 h

■ Mechanical Details

Charging Time 2.0 h

Length 1,853.0 mm

■ Operating Fluids

Width 820.0 mm

Exciter oil type Mobilith SHC 220

Height 1,268.0 mm

Fuel Tank capacity 24.0 l

Operating weight 1,465.0 kg

Fuel consumption 4.5 L/hr

Dry Weight 1,428.0 kg

■ Chassis

Side clearance right 0.0 mm

Steering angle max. 32

Turning radius inside 1,600.0 mm

Brake Hydr. parking brake

Steering hydraulics

■ Shipping and Storage

Length for shipping	2,261.0 mm	Height for shipping	1,420.0 mm
Width for shipping	892.0 mm	Shipping weight	1,544.0 kg