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. The compaction of excavations and sub bases of foundations, roads and parking lots is the RT's specialty.

Highlights

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

Technical Data

Hydraulic

Tank capacity	30.0 l

Mechanical - Output Details

Area capacity	990.0 m2/h
Gradeability	50.0 %
Gradeability max. (without vibration)	50.0 %
Vibrations (Hz)	41.0 Hz
Centrifugal force max.	68.40 kN
Travel speed	1.3 - 2.5 km/h
Oscillation Angle	0.0 °
Force/Drum (dynamic) front	34 kN
Force/Drum (dynamic) rear	34 kN
Exciter Type	Hydraulic
Travel speed (reverse)	1.3 - 2.5 km/h

Mechanical Details

Length	1,853.0 mm
Width	820.0 mm
Height	1,268.0 mm
Operating weight	1,465.0 kg
Dry Weight	1,428.0 kg
Side clearance right	0.0 mm
Turning radius inside	1,600.0 mm
Wheelbase	1,000.0 mm
Drum diameter (minor)	520.0 mm
Drum diameter (major)	550.0 mm
Pad Area	23.0 cm2
Pad Height	16.0 mm

Generator

Output current 1~	33.0 A
Output voltage	12.0 V
Nominal speed	3,600.0 1/min

Electrical System

Remote Control Range	20.0 m
Remote Control Bat. Capacity	16.0 h
Charging Time	2.0 h

Operating Fluids

Exciter oil type	Mobilith SHC 220
Fuel Tank capacity	24.0 l
Fuel consumption	4.5 L/hr

Chassis

Steering angle max.	32
Brake	Hydr. parking brake
Steering	hydraulics

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Shipping and Storage

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

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Dimensions

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