



## RTSC3

### 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

### ■ Mechanical - Output Details

Area capacity	10.656,4 ft <sup>2</sup> /h
Gradeability	50,0 %
Gradeability max. (without vib	50,0 %
Vibrations (Hz)	41,0 Hz
Centrifugal force max.	15.376,94 lbf
Travel speed	0,8 - 1,6 m/H
Oscillation Angle	0,0 °
Force/Drum (dyn.) front	7,644 lbf
Exciter type	Hydraulic
Travel speed (reverse)	0,8 - 1,6 m/H

### ■ Mechanical Details

Length	73,0 "
Width	32,3 "
Height	49,9 "
Thickness Drum Sheet	0,4 "
Operating weight	3.229,8 lb
Dry Weight	3.148,2 lb
Side clearance left	0,0 "
Side clearance right	0,0 "
Turning radius inside	63,0 "
Drum width	15,0 "

Wheelbase	39,4 "
Drum diameter (minor)	20,5 "
Drum diameter (major)	21,7 "
Pad Area	3,6 Inch <sup>2</sup>
Pad Height	0,6 "

### ■ Generator

Output current 1~	33,0 A
Output voltage	12,0 V
Nominal Engine speed	3.600,0 1/min

### ■ Engine

Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	3,0
Cylinder capacity	62,7 Inch <sup>3</sup>
Kraftstofftyp	Diesel EN 590
Fuel consumption [kg/h]	1,2 GPH US
Effective power	19,8 hp
Nominal Engine speed	3.000,0 1/min
Standard (Effective power)	ISO 3046 IFN
Operating Engine speed	3.000,0 1/min
Starter battery Voltage	12,0 V
Manufacturer	Kohler

#### ■ Electrical System

Remote Control Range	65,6 Foot
Remote Control Bat. Capacity	16,0 h
Charging Time	2,0 h
tank capacity	7,9 gal US

#### ■ Operating Fluids

Exciter oil type	Mobilith SHC 220
Fuel Tank capacity	6,3 gal US
Fuel consumption [kg/h]	1,2 GPH US

#### ■ Chassis

Steering angle max.	32
Brake	hydr. parking brake
Steering	Centrifugal Clutch

#### ■ Shipping and Storage

Length for shipping	89,0 "
Width for shipping	35,1 "
Height for shipping	55,9 "
Shipping weight	3.403,9 lb