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## RTLx-SC3 Trench Roller

5100061401

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### RTLx-SC3 Trench Roller

Material number 5100061401



Infrared-remote controlled trench roller with flexible drum width for soil compaction. Powered by a Kohler engine.

### Product details

- Articulated joint increases maneuverability
- Below the axle exciter in each drum improves compaction
- Low center of gravity improves stability
- High and low compaction force
- Flexible drum allows convenient conversion of drum width to fit job needs.
- Maintenance-free lower end
- Engine control module with diagnostic LEDs
- Available with Compatec

#### Remote Control

- Infrared technology requires operator to maintain line-of-sight
- Patented three receiving eye design provides uninterrupted operation
- Machine stops moving and vibrating if line of sight is lost or operator comes within one meter of roller's receiving eyes
- 16-channel transmission allows multiple rollers to be operated on job without interference

### Comes with

- Trench Roller
- Universal Scraper Bars (8)
- Remote Control
- Operator's Manual

Errors and omissions are reserved. The information in this data sheet is based on present knowledge. However, this neither guarantees specific product features nor establishes a legally valid contractual relationship.

## Technical specifications

### RTLx-SC3 Trench Roller

#### HYDRAULIC

tank capacity	30 l
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#### MECHANICAL DETAILS

Length	1,853 mm
Width	820 mm
Height	1,268 mm
Thickness Drum Sheet	10 mm
Operating weight	1,465.0 kg
Dry Weight	1,428.0 kg
Side clearance right	0 mm
Side clearance left	0 mm
Turning radius inside	1,600 mm
Drum width	380 mm
Drum diameter (minor)	520 mm
Drum diameter (major)	550 mm
Wheelbase	1,000 mm
Number of Pads	192
Pad Area	23 cm <sup>2</sup>
Pad Height	16 mm

#### OPERATING FLUIDS

Exciter oil type	Mobilith SHC 220
Fuel Tank capacity	24.0 l

Fuel consumption [l/h]	4.5 L/hr
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## GENERATOR

Output voltage	12 V
Output current 1~	33.0 A
Nominal speed	3,600 1/min

## ELECTRICAL SYSTEM

Remote Control Range	20 m
Remote Control Bat. Capacity	16 h
Charging Time	2.00 h

## ENGINE

Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder capacity	1,028 cm <sup>3</sup>
Fuel	Diesel EN 590
Fuel consumption	4.50 L/hr
Cylinder	3
Standard (Effective power)	ISO 3046 IFN
Nominal Engine speed	3,000 1/min
Effective power	14.8 KW
Operating Engine speed	3,000 1/min
Starter battery Voltage	12 V
Engine Manufacturer	Kohler

## MECHANICAL - OUTPUT DETAILS

Area capacity	990 m <sup>2</sup> /h
Gradeability max. (without vib)	50.0 %
Gradeability	50.0 %
Centrifugal force max.	68.400 kN
Vibrations (Hz)	41 Hz
Travel speed	1.3 - 2.5 km/h
Oscillation Angle	0 °
Exciter Type	Hydraulic
Travel speed (reverse)	1.3 - 2.5 km/h
Force/Drum (dyn.) rear	34 kN
Force/Drum (dyn.) front	34 kN

## SHIPPING AND STORAGE

Height for shipping	1,420 mm
Width for shipping	892 mm
Length for shipping	2,261 mm

## CHASSIS

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

**Please Note**

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions Subject to alterations and errors expected. Applicable also to illustrations.

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