



**WACKER
NEUSON**
all it takes!

RD10Yehf LRC

5100070502

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RD10Yehf LRC

Material number 5100070502



Hand-guided tandem roller for soil and asphalt compaction.
Yanmar diesel engine with electric starter.

Product details

- All control elements are located directly on the guide handle
- Engine speed adjustment for engines with three positions (Off, Idle, Full Throttle) directly on the guide handle
- Good visibility on fill levels
- Ergonomic handle and travel lever with recessed handles

Comes with

- Device
- Operating manual

Technical specifications

RD10Yehf LRC

OPERATING FLUIDS	Metric
Tank capacity	5,40 l
Hydraulic fluid type	ISO VG 46
Hydraulic fluid volume	5,0 l
Lubricant type non drive side	KP2P-30 (DIN 51502)
Water tank capacity	60,0 l
Exciter oil type	ISO VG 220

ENGINE	Metric
Inclined position max.	30,0 °
Engine operating mode	four-stroke
Operating Engine speed	2.600 1/min
Fuel consumption	1,20 L/Std
Standard (Power max.)	ISO 3046-1
Standard (Effective power)	ISO 3046-1
Nominal Engine speed	3.000 1/min
Oil filling max.	1,60 l
Effective power	6,5 kW
Battery capacity (nom. value)	33 Ah
Air cleaner	Dry air filter
Power rating max.	7,0 kW
Cooling	air cooling
Exhaust-gas limit	Non regulated
Oil specification	SAE 10W-40
Starter battery Voltage	12 V
Engine speed (Power max.)	3.600 1/min
Starter type	E-starter
Upper idling speed ex load	2.650 1/min

Operating power	5,9 kW
Oil filling min.	1,00 l
Engine type	Diesel engine
Cylinder	1
Engine Manufacturer	Yanmar
Standard (Operating power)	ISO 3046-1
Cylinder capacity	445 cm3
Kraftstofftyp	Diesel EN 590
Oil volume incl. filter change	1,60 l

MECHANICAL - OUTPUT DETAILS	Metric
Maximum cross slope	25 °
Linear force dynamic (high)	26,00 N/mm
Frequency Level II Hz	57,5 Hz
Transmission	ELHY
Gradeability	25,0 %
Tot. Linear Force/Drum (rear)	21,13 N/mm
Tot. Linear Force/Drum (front)	21,13 N/mm
Centrifugal force Level I	22,000 kN
Frequency Level I Hz	41 Hz
Linear force static (front)	6,47 N/mm
Centrifugal force Level II	39,000 kN
Travel speed (reverse)	2,5 km/h
Operating speed [km/h]	3,5 km/h
Linear force dynamic front	26,00 N/mm
Gradeability max. (without vib)	33,0 %
Linear force dynamic (low)	14,67 N/mm
Maximum pitch	18 °
Vibrations (Hz)	57,5 Hz
Linear force static (rear)	6,47 N/mm
Area capacity	2.625 m2/h
Travel speed	3,5 km/h

Exciter type	Hydraulic
Linear force dynamic rear	26,00 N/mm

HYDRAULIC	Metric
Tank capacity	3 l

MECHANICAL DETAILS	Metric
Curb clearance right	35 mm
Drum diameter	400 mm
Height Handle down	1.200 mm
Length Handle up	1.351 mm
Wheelbase	500 mm
Length Handle down	2.467 mm
Drum width	750 mm
Dry Weight	940,0 kg
Side clearance left	225 mm
Side clearance right	225 mm
Thickness Drum Sheet	12 mm
Operating weight	970,0 kg
Curb clearance left	35 mm
Width	840 mm
Height Handle up	1.990 mm

ENVIRONMENT DATA	Metric
Sound level LpA (Standard)	EN 500-4
Sound power LWA, guaranteed	108,0 dB(A)
HAV summation (average value)	< 2,5 m/s ²
HAV summation (Standard)	EN 500-4
Sound power LWA (Standard)	EN 500-4
Sound power LWA, measured	108,0 dB(A)

CHASSIS

Metric

Brake

Surge brake

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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