

OFFICIAL TECHNICAL DATASHEET

LTC1B

LTC1B Double Drum Roller

Double drum vibratory roller · 1 t · 8.5 kW diesel · 75 Hz vibration · hydrostatic drive

WIMER · LTC1B · 2026



OPERATING WEIGHT

1 000 kg

DRUM WIDTH

800 mm

VIBRATION FREQUENCY

75 Hz

ENGINE POWER

8.5 kW

BRAND

WIMER

MODEL

LTC1B

CATEGORY

Road rollers

MODEL YEAR

2026

1-tonne ride-on double drum vibratory roller built for asphalt compaction, patching, sidewalks, yards, trenches and urban jobs in confined spaces. 8.5 kW Chanfa 192 diesel engine with electric start, hydrostatic transmission with Danfoss pump, two vibration motors delivering 30 kN of centrifugal force at 75 Hz, and a gravity-fed water sprinkler system with an 80-litre tank. Central oscillating articulated steering and just 900 mm overall width.

01 ENGINE

Model	Chanfa 192	Injection system	Direct
Type	4-stroke diesel	Cooling	Air-cooled
Cylinders	1	Emissions standard	Euro 2
Displacement	498 cc	Starter	Electric
Net power	8.5 kW (11.4 HP)	Built-in alternator	12 V
Max. power	9.0 kW (12.07 HP)	Fuel	Diesel
Max. power speed	3 600 rpm	Fuel tank	6 L
Bore × stroke	92 × 75 mm	Oil capacity	1.1 L
Aspiration	Naturally aspirated		

02 DRIVETRAIN & STEERING

Transmission	Hydrostatic	Gradeability	30 %
Hydrostatic pump	Danfoss DANVER13	Service brake	Hydrostatic
Pump displacement	13 cc/rev	Steering — system	Central oscillating articulation
Drive drum	Front · gear pump	Steering — type	Hydrostatic
Speed ranges	1	Pilot control	Electro-hydraulic (1)
Travel speed	0–8 km/h	Throttle	Manual

03 VIBRATION & SPRINKLER SYSTEM

Vibration motors	2 (front and rear)	Centrifugal force	30 kN
Vibration motor type	Gear type	Vibration isolation	Yes
Vibration frequency	75 Hz	Water sprinkler	Yes · gravity-fed
Amplitude	0.5 mm	Water tank	80 L

04 WEIGHTS & DIMENSIONS

Operating weight	1 000 kg	Overall height	1 650 mm
Overall length	2 100 mm	Drum width	800 mm
Overall width	900 mm	Drum dimensions (width × diameter)	800 × 530 mm

05 ELECTRICAL SYSTEM

Voltage	12 V	Work lights	LED
Batteries	1		

STANDARD EQUIPMENT

- ✓ Double vibratory drum with two vibration motors
- ✓ Hydrostatic transmission with Danfoss pump
- ✓ Central oscillating articulated steering
- ✓ Gravity-fed sprinkler system · 80 L tank
- ✓ Operator station vibration isolation
- ✓ Electric start and 12 V alternator
- ✓ LED work lights
- ✓ Operator's manual

OPTIONAL EQUIPMENT · On request

- Canopy

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