

Powerful

practical

robust

economical

service-friendly

reliable

VERSATILE

dynamic

technology-driven

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We Know Compaction

MC 85

**THE TRENCH
ROLLER**



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STRONG AND ROBUST IN EARTHWORKS – THE MC 85 ARTICULATING TRENCH ROLLER.

BENEFITS OF TRENCH ROLLER

- Water-cooled, 3-cylinder Kubota diesel engine – innovative, modern and powerful. Fulfills the current emissions regulations (Stage V and TIER 4f).
- Economical in use:
Eco mode switches the engine to idle speed when the remote control is not being operated. This protects the environment and reduces costs through low fuel consumption.
- High operational reliability and ease of use: the fail-safe radio remote control with colored display is user-friendly.
- Remote control and machine are always ready for use, since a second battery is always charging directly on the machine during operation.
- Service-friendly:
Machine diagnostics can be carried out via radio remote control (e.g. engine cooling, lack of oil or air filter fouling).

- Safe for the operator:
The machine stops when the distance between the operator and the machine is closer than 2 m or more than 20 m.
- Long service life of the machine:
The drum housings are completely sealed – this prevents damage caused by water ingress. All hydraulic hoses are safely installed and protected against chafing or damage.
- Easy maintenance:
The oil-lubricated vibration exciters guarantee a long service life.
- Protective hood over engine can be opened wide for easy servicing and can be locked if necessary.
- Versatile:
The operator can choose between two compaction settings (36 and 73 kN) which enables universal use on construction sites. In addition, the vibration can be switched on and off using the automatic function, so that it only compacts when there is a command.

BETTER THAN STANDARD

- Hydrostatic drive
- Vibration exciter in both drum axes
- Four wipers per drum axis
- Central lifting eye
- Lashing points
- Second battery for the remote control
- 2-year factory warrant (extendable to maximum of 5 years as an option)



MC 85 Trench Roller



Radio remote control

The articulated steering offers advantages when compacting around components such as manhole covers. Freshly compacted soil does not get torn open again by the drums turning.

APPLICATIONS

Soil compaction in landscape, sewer and pipeline construction. Compaction of cohesive soils. Compaction of base layers for foundations.



TECHNICAL DATA:

Type	MC 85
Operating weight CECE, kg	1622
Drum width, cm	82
Centrifugal force, kN	73 / 36
Frequency, Hz	42
Engine	Kubota D1005 3-cylinder, water-cooled
Engine output, max., kW (HP)	17.5 (24)
Power output at operating speed	14.3 (19.6) at 2,600 kW (HP) at r.p.m.
Fuel consumption, L/h	3.1
Working speed, km/h	1.4
Travel speed, km/h	3.1
Dimensions (L x W x H), cm	202 x 82 x 130

Weber Maschinentechnik GmbH

Im Boden 5-8, 10 · 57334 Bad Laasphe · Germany
Phone +49 2754 398 0 · Fax +49 2754 398 101
info@webermt.de · www.webermt.de



WeberMT



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