



MC 85

Remote Control Trench Roller

The MC 85 Trench Roller shows its strengths particularly on cohesive soils, which are often difficult to compact. The high centrifugal force along with the kneading effect of the sheep-foot rollers enables even heavy clay or soils with high water content to be compacted. The hydraulic articulated steering offers good traction without the freshly compacted soil being torn open when the drums turn. Trench rollers are used to compact base layers for foundations, paths or parking lots; for back-fills; in pipeline and sewer construction.

ADVANTAGES OF MC 85:

- Water-cooled, 3-cylinder Kubota diesel engine with electric starter– innovative, modern and powerful. Meets the current emissions standards (Stage V and TIER 4f).
- Low operating costs: Eco mode switches the engine to idle speed when the remote control is not being operated.
- Protects the environment and saves costs due to low fuel consumption.
- High operational reliability and ease of use: The fail-safe radio remote control is self-explanatory.
- Service-friendly: Machine diagnostics can be carried out via the radio remote control.
- Safety for the operator: The machine stops if the distance between the operator and the machine is closer than 2 m (6.5 ft.) or more than 20 m (65 ft.).
- Long service life of the machine: The exciter housing is completely sealed within the rollers – this prevents damage caused by water ingress.
- All hydraulic hoses are securely installed and fully protected against chafing or damage.
- Easy maintenance: The oil-lubricated vibration exciters ensure a long service life.
- Versatile: The choice between two compaction settings (8,093 and 16,411 lbs.) enables universal use on construction sites.

Technical data

Type		MC 85
Operating weight CECE	lbs.	3,576
Operating width	in.	32
Centrifugal force max./min.	lbs.	16,411/8,093
Frequency	Hz	42
Engine manufacturer / type	Kubota	D 1005 Diesel 3 cylinder, water-cooled
Engine power output, max.	HP	24
Engine output / Engine speed (rpm)	HP	20 / 2,600
Working speed / travel speed	mph	.87 / 1.9
Dimensions (L x W(drum) x H), in.	in.	79 x 32 x 51
Gradeability max. (without vibration)	%	55
Gradeability min. (with vibration)	%	50
Tank capacity	gal	6.3
Fuel consumption	US gal/h	.8

We reserve the right to alter specifications.

