

FOLLOW THE LEADER.

Makes the grade every time

Designed for the compaction of granular and asphalt materials, Terex Pedestrian Rollers provide class leading performance in the development of highway repair, footpaths, cycle lanes, playgrounds and landscaping environments.

All Terex Pedestrian Rollers provide superb balance, making them easy to manoeuvre in tight spaces. The Terex 1-71 is fitted with a steady prop, whilst the Terex® MBR-71 is fitted with a front prop and jockey wheel to help support the machine when not in use. A freewheel system is fitted as standard so that if the machine stops working, you can still move it easily.

Rubber couplings in the drum reduce vibration transfer for low hand-arm (HAV) levels for additional comfort. The drum is driven by a duplex chain and heavy duty reduction gear for extra strength.



All Terex single and twin-drum Pedestrian Rollers, are fitted with a “hold to run” handle so that the hydraulic drive cuts off if the control lever is released. A transmission parking brake is also fitted for additional safety and security when the roller is not in use.

Break out – roll over

For added versatility the Terex MBR-71 roller features a quality tow-behind trailer and hydraulic breaker combination. The hydraulic breaker is ideally suited to asphalt repair work for breaking out damaged materials prior to resurfacing.



What this means for you

- ▶ Reliable air cooled engine with electrical start for easy start up
- ▶ Effective drum clearing from front and rear scraper bars
- ▶ High capacity corrosion free water system ensures drum cleanliness at all times
- ▶ Hydrostatic transmission for easy maneuverability
- ▶ High quality surface finish on drum for improved results on asphalt surfaces



PERFORMANCE

	1-71	MBR71
Total Static Basic Weight (kg)	461	504
Operating Weight (kg) CECE	476	513
Static Linear Load (kg/cm)	6.7	7.2
Frequency - Hz (VPM)	65 (3900)	65 (3900)
Amplitude (mm)	0.66	0.66
Centrifugal Force (kN)	9.0	9.0
Gradeability - Without Vibration	33 %	33 %
Gradeability - With Vibration	25 %	25 %

ENGINE & DRIVE

	1-71	MBR71
Engine Make	Hatz	Hatz
Engine Model	1D42S	1D42S
Cylinders	1	1
Displacement (cc)	445.7	445.7
Cooling	Air	Air
Power - kW (HP) (DIN ISO 1585)	5.9 (7.9)	6.6 (8.85)
Operating Speed (rpm)	2500	3000
Fuel Type	Diesel	Diesel
Drive	Hydrostatic via Duplex Chain	Hydrostatic via Duplex Chain
Maximum Travel Speed (kph) - Forwards	3.2	3.2
Maximum Travel Speed (kph) - Reverse	1.0	1.0
Braking System - Service	Dynamic Hydrostatic	Dynamic Hydrostatic
Braking System - Parking	Spring Apply / Hydraulic Release (Over Centre)	Spring Apply / Hydraulic Release (Over Centre)
Start Type	Electric	Electric

CAPACITIES

	1-71	MBR71
Hydraulic Tank Capacity (litres)	N/A	7.5
Fuel Tank Capacity (litres)	5	5
Water Tank Capacity (litres)	20	20

EMISSIONS

	1-71	MBR71
Noise (dB) - LwA (2000/14/EC / ISO 4871)	92.0dB	92.0dB
Engine Emissions	EPA IV / Euro Stage IIIA	
Hand Arm Vibration (HAV) - (EN500-4)	3.6m/s ²	3.6m/s ²

EXCITER

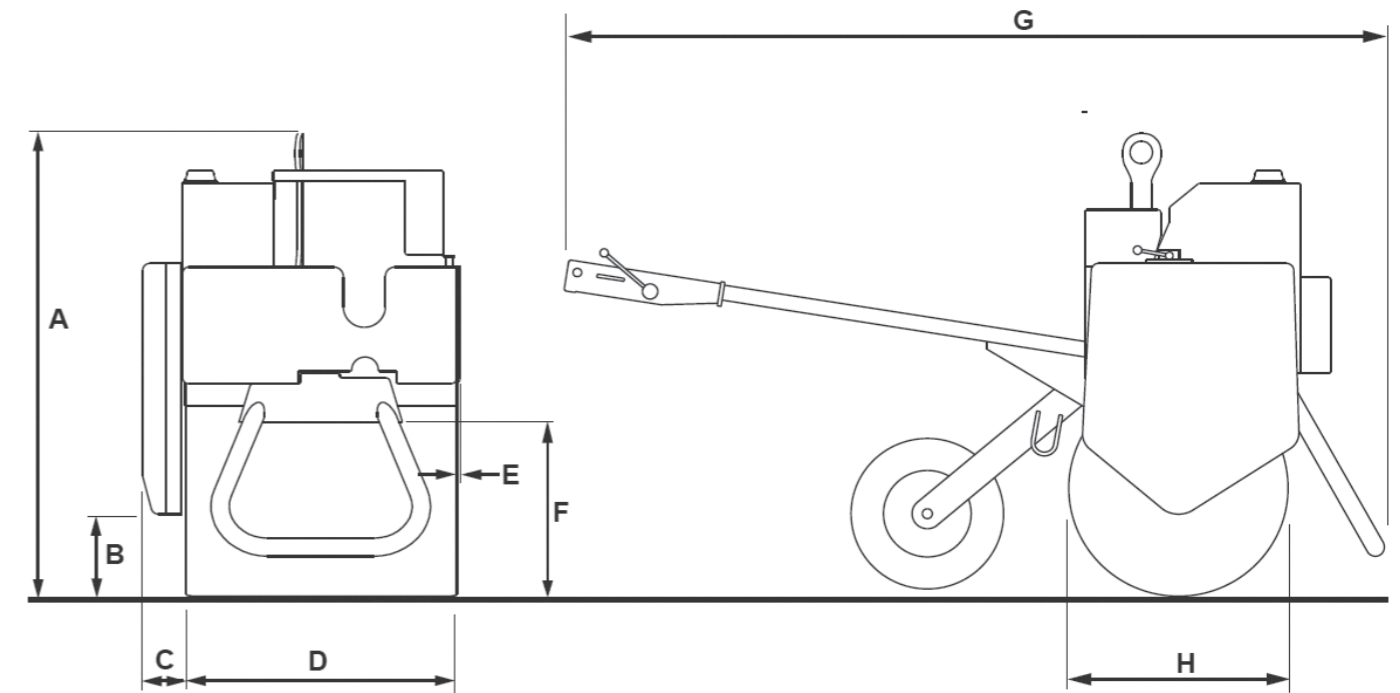
	1-71	MBR71
Type	Single Shaft	Single Shaft
Drive	Vee Belt / Dry Clutch	Vee Belt / Dry Clutch

WATER SPRAY SYSTEM

	1-71	MBR71
System Type	Gravity Fed with Non-Corrosive Spray Bar	Gravity Fed with Non-Corrosive Spray Bar

DRUM SCRAPER BARS

	1-71	MBR71
System Type	Heavy Duty Adjustable - Front and Rear	Heavy Duty Adjustable - Front and Rear



DIMENSIONS

Dimensions in mm	1-71	MBR71
A Overall Height	1300	1300
B Curb Clearance - Farside	215	215
C Overhang - Farside	110	110
D Drum Width	710	710
E Overhang - Curbside	16	16
F Curb Clearance - Curbside	410	410
G Overall Length	2180	2180
H Drum Diameter	575	575
Drum Shell Thickness (not shown)	8.0	8.0

STANDARD / OPTIONAL EQUIPMENT

	1-71	MBR71
Gravity Fed Water System	Standard	Standard
Drum Scraper Bars Front and Rear	Standard	Standard
Operators' Proximity Switch	Standard	Standard
Low Maintenance Battery (12V)	Standard	Standard
Emergency Release Free Wheel Valve	Standard	Standard
Heavy Duty Central Lifting Point	Standard	Standard
Vandal Protection Package - Lockable Instrument Cover	Standard	Standard
Battery Isolator	Standard	Standard
Emergency Stop	Standard	Standard
Front Prop Stand	Standard	Standard
Rear Jockey Wheel	N/A	Standard
Electric Starting	Standard	Standard
Hour Meter	Standard	Standard
30 litres / minute hydraulic take-off valve	N/A	Standard
Stanley BR48 Vibro-Damped Hydraulic Breaker with tools, valve and hosing (light use only)	N/A	Option
Stanley BR67 Vibro-Damped Hydraulic Breaker with tools, valve and hosing (must be carried on towing vehicle)	N/A	Option
"Towit" Tow-Behind Trailer with Storage Box, Prop-Stand, Number Plate Lighting and Road Lighting	Option	Option
Rear Prop Stand	Standard	N/A