

# VIBRATORY ROLLERS DVH / HPR TRENCH ROLLER MC



DVH 655



MC 85

The hydrostatic vibratory rollers were developed particularly for use on footpaths, cycle ways, edges and parking lots. They are optimally to compact asphalt and even granular material like sand and gravel. The working speed is infinitely variable due to the hydrostatic drive. DVH rollers have set standards not only with regard to design, but also in performance, longevity, operational safety and environmental protection.

The MC trench roller from Weber MT is designed for maximum performance on cohesive soils, in trench and pipeline constructions, when compacting foundations and backfill and in road construction. They are ideally suited for use on heavy, humid or cohesive soils, where conventional soil compactors would fail. The hydraulic articulated steering allows for easy manoeuvring even in confined spaces.

# VIBRATORY ROLLERS DVH / HPR


**DVH 600**
**DVH 655 E**
**HPR 65**

TYPE	DVH 600	DVH 655 E	HPR 65
Operating weight CECE (lbs)	925.9	1613.8	1851.9
Working width (in)	25.6	25.6	25.6
Centrifugal Force (lbs)	2,248.1	4,721	4,945.8
Frequency (Hz)	60	62	58
Engine	Kohler KD15 350 Diesel	Kohler KD15 440 Diesel	Kohler KD15 440 Diesel
Engine output max (HP)	7.5	10	10
Power output at operating speed (HP)	6.3 at 3,000 rpm	8.6 at 3,300 rpm	10 at 3,200 rpm
Working speed (ft/min)	0-190	0-246	0-246
Dimensions (in)	74.4 x 29.5 x 41.3	91 x 31.9 x 43.3	105.5 x 29.5 x 45.7

## ADVANTAGES

- Low maintenance and easily accessible Diesel engine mounted at the front of the machine.
- Foldable, lockable guide bar for easy transport.
- Free of sides or small lateral projection allows working close to walls.
- Safe loading thanks to central lifting eye.
- Mechanical parking brake to prevent unintended movements.



# MC 85 TRENCH ROLLER



## MC 85

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 sheepfoot 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 backfills: in pipeline and sewer construction.

### TYPE

### MC 85

Operating weight CECE (lbs)	3,589
Drum width (in)	32.3
Centrifugal Force (lbs)	16,411/8,093
Frequency (Hz)	42
Engine	Kubota D1005 3-cylinder, water-cooled
Engine output max (HP)	24
Power output at operating speed (HP)	19.6 at 2,600 rpm
Fuel Consumption (Gal/h)	0.81
Working speed (MPH)	0.87
Travel speed (MPH)	1.9
Dimensions (in)	79.5 x 32.3 x 51.2



# MC 85 TRENCH ROLLER



## ADVANTAGES

- Water-cooled, 3-cylinder Kubota diesel engine – 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.)
- 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 (36 and 73 kN – 8,093 and 16,411 lbs.) enables universal use on construction sites.



Intuitive and easy to understand radio remote control – fail-safe and reliable.



Service-friendly thanks to the protective, wide-hinged engine hood (lockable).