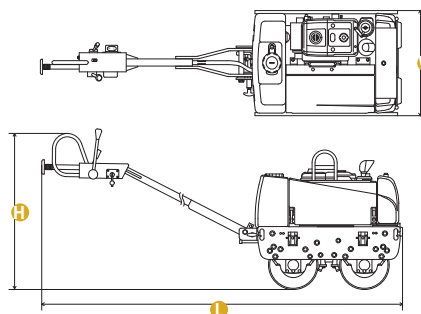


# Vibration Roller

- Mikasa's original strainer and plastic water tank prevents the sprinkler pipes from clogging.
- The durability of travel motor have been improved.
- Rubber Bumper is equipped as standard to absorb the impact from frontal collisions lessening the damage to the machine.

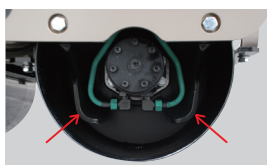
## MRH-601DS (551kg)



● One-Touch Center Cover



● Head Light and Rubber Bumper



● Hydraulic Pipe Guard



● Engine Guard



● Handbrake



● Drum Stopper



● Deadman Brake



● Buzzer and Light Switch



● Vibration Switch



● Hour Meter

## MRH Specifications

model	weight (kg)	dimensions (mm)	drum size (mm)	vibrating frequency Hz (V.P.M.)	centrifugal force kN (kgf)	traveling speed (km/h)	max.limited gradeability (%)	water tank (lits)	power source kW (PS)
MRH-601DS (water cooled)	551	H : 1,195 W : 692 L : 2,265	dia : 355 width : 650	55 (3,300)	10.8 (1,100)	0-3	35	30	Kubota EA330 diesel (electric start) max. output 4.6 (6.3)

### MRH-501DS (530kg)



### MRH-700DSCB (700kg)



● Recoil Start (MRH-700DSCB/700GS)

### MRH-700DSB (728kg)



### MRH-700GS (680kg)



## MRH Specifications

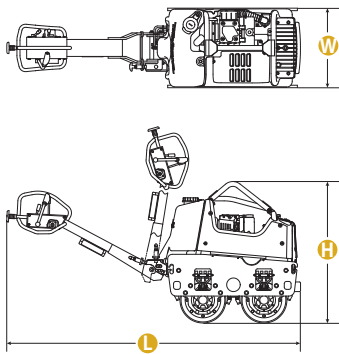
model	weight (kg)	dimensions (mm)	drum size (mm)	vibrating frequency Hz (V.P.M.)	centrifugal force kN (kgf)	traveling speed (km/h)	max.limited gradeability (%)	water tank (lits)	power source kW (PS)
MRH-501DS (water cooled)	530	H : 1,195 W : 617 L : 2,265	dia : 355 width : 575	55 (3,300)	10.0 (1,020)	0-3	35	30	Kubota EA330 diesel (electric start) max. output 4.6 (6.3)
MRH-700DSB (water cooled)	728	H : 1,170 W : 692 L : 2,670	dia : 406 width : 650		23.5 (2,400)				Yanmar TF70V diesel (electric start) max. output 5.5 (7.5)
MRH-700DSCB (air cooled)	700				Yanmar L100N diesel (electric start) max. output 7.4 (10.0)				
MRH-700GS	680				Honda GX390 gasoline (electric start) max. output 8.7 (11.8)				

※ The color of water tank will be changed to black in order.

# Vibration Roller

- High Durability for Hydraulic Motor against Dust.
- Tacho Hour Meter as Standard Equipment.
- Strong Side Cover to Protect Machine Body from Impact.

## MRH-900DS (870kg)



● Key Start



● Cyclone Cleaner



● Hydraulic Parking Brake



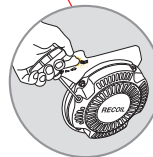
● Hold-to-Run Handle



● Deadman Brake



● Tacho Hour Meter



● Recoil Start

## MRH Specifications

model	weight (kg)	dimensions (mm)	drum size (mm)	vibrating frequency Hz (V.P.M.)	centrifugal force kN	traveling speed (km/h)	max.limited gradeability (%)	water tank (lits)	power source kW (PS)
MRH-900DSY (air cooled)	870	H : 1,255 W : 704 L : 2,600	dia : 406 width : 650	55 (3,300)	16.8 (1,700)	0-3	35	60	Yanmar L100N diesel (electric start) max. output 5.5 (7.5)

# Vibratory Walk-Behind Double Drum Pedestrian Rollers



SPECIFICATIONS	MRH-501	MRH-700	MRH-900
Operating weight, maximum	545 kg	720 kg	900 kg
Operating weight	530 kg	700 kg	870 kg
Drum/working width	575 mm	650 mm	650 mm
Centrifugal force	10 kN (1,010 Kgf)	23.5 kN (2,400 Kgf)	16.8 kN (1,700 Kgf)
Static linear load, (Rear/Front)	5.2/3.8 Kgf/cm (51.3/37.4 N/cm)	6.2/4.5 Kgf/cm (60.8/44.0 N/cm)	7.6/5.4 Kgf/cm (74.4/52.5 N/cm)
Dynamic linear load, (Rear/Front)	14.0/12.5 Kgf/cm (137/123 N/cm)	24.7/22.9 Kgf/cm (242/225 N/cm)	20.8/18.6 Kgf/cm (204 /182 N/cm)
Frequency	55 Hz (3,300 vpm)	55 Hz (3,300 vpm)	55 Hz (3,300 vpm)
Cyclone pre-cleaner	Not Applicable	Two Stage	Two Stage
Starting	Electric	Both Electric & Manual	Both Electric & Manual
Cooling of engine	Water-cooled	Air-cooled	Air-cooled
Engine brand	Kubota	Yanmar	Yanmar
Engine model	EA330	L100N	L100N
Engine power, max	4.6 kW (6.3 HP)	5.5 kW (7.5 HP)	5.5 kW (7.5 HP)
Fuel tank capacity	4.8 Liters	4.7 Liters	4.7 Liters
Fuel consumption	1.4 Liters/hour	1.6 Liters/hour	1.6 Liters/hour
Engine oil capacity	1.3 Liters	1.6 Liters	1.6 Liters
Water tank capacity	30 Liters	40 Liters	60 Liters
Gradeability	35 % (20 degree)	35 % (20 degree)	35 % (20 degree)
Drum, width x diameter	575 x 355 mm	650 x 406 mm	650 x 406 mm
Travel speed	0-3 Km/hr	0-3 Km/hr	0-3 Km/hr
Hydraulic oil tank capacity	22 Liters	25 Liters	25 Liters
Parking brake system	Manual	Manual	Auto Brake
Machine dimension L x W x H	2,265 x 617 x 1,195 mm	2,670 x 692 x 1,170 mm	2,600 x 704 x 1,255 mm
Export packing, L x W x H	1350 x 680 x 1180	1450 x 770 x 1450	1550 x 775 x 1360

## STANDARD

- Maintenance-hour meter
- Fuel: Diesel
- Fuel gauge
- Low oil level buzzer for engine
- Battery: 12V
- Dead man's handle
- Front safety protection guard
- Hydraulic oil gauge



Maintenance-Hour Meter

## OTHER MODEL

### MRH-700 (Water Cooled)

- Operating weight, max: 750 kg
- Engine: TF-70V-EKMK (7.5 HP)
- 7.1 Liter fuel Tank
- Cyclone pre-cleaner Not applicable
- Electric Starting
- Engine oil capacity 1.4 Liters

**Mikasa**

MIKASA SANGYO CO., LTD. TOKYO, JAPAN  
<http://www.mikasas.com>

Since 1937

Made in JAPAN

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## WALK-BEHIND ROLLERS

# MRH-700



DUE TO CONTINUOUS DESIGN IMPROVEMENT, FEATURES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION.

MIK/MRH/VIP/0917

## ● Features, Advantages & Benefits

# MRH-700

Save  
Time, Labor  
& Money

● **Neutral Start Protection:**  
Engine does not start unless the drive lever is in neutral position for safety, convenience and operator comfort.

● **Safety Push Stop:**  
Back-up drive protection for operator safety.

● **Both Key (Electric) and Manual Start with Low Oil Buzzer Alarm:**  
Safety, convenience and operator comfort.

● **Plastic Water Tank:**  
Rust-free and maintenance-free tank with large diameter cap for easy filling of water.

● **Protection Frame For Engine:**  
One Central Lifting Point gives maximum engine protection with easy and safe transportation.

● **Maintenance-hour Meter:**  
It lets you check work and maintenance time.

● **Two-stage Cyclone Air Filter:**  
Additional built-in air cleaner system plus the original air cleaner in the engine provides cleaner air to the combustion chamber of the engine for longer and improved life of the engine.



● **Central Opening Cover:**  
Easy access of servicing points, which makes maintenance easy.



● **Fully Hydraulic-Drive System:**  
Increases reliability and has no mechanical system that overhangs the machine. The side clearance on each side allows compaction work extremely close to pavement, curbstone, wall and other obstacles. Progressive power control gives smooth starting and stopping. Eliminating the need of regular periodic chain or belt adjustment and maintenance those mechanical driven rollers require.



● **Double Vibration System:**  
Double shaft circular exciter in the drum frame gives the best compaction results in its class. Less number of passes required. Centrifugal Force: 23.5 kN



● **Hydraulic Oil Level Indicator and Fuel Gauge Indicator:**  
Easy to check, for operator.

● **Working Front Light, Horn and Front Protective Guard:**  
Safety, convenience and operator comfort.

● **Rubber Bumper:**  
Equipped as standard to absorb frontal collision impacts and prevent machine damage.

● **Scrapers:**  
Each drum is fitted with two scrapers to avoid problems with pick-up of material.



● **Parking Brake:**  
Easy to lock and prevent unintended movements for safety.

KG  
720

W. 650 mm

Mikasa