

**Mikasa** 



**GREAVES**  
SINCE 1859



**LIGHT CONSTRUCTION  
EQUIPMENT**



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## Main Plant



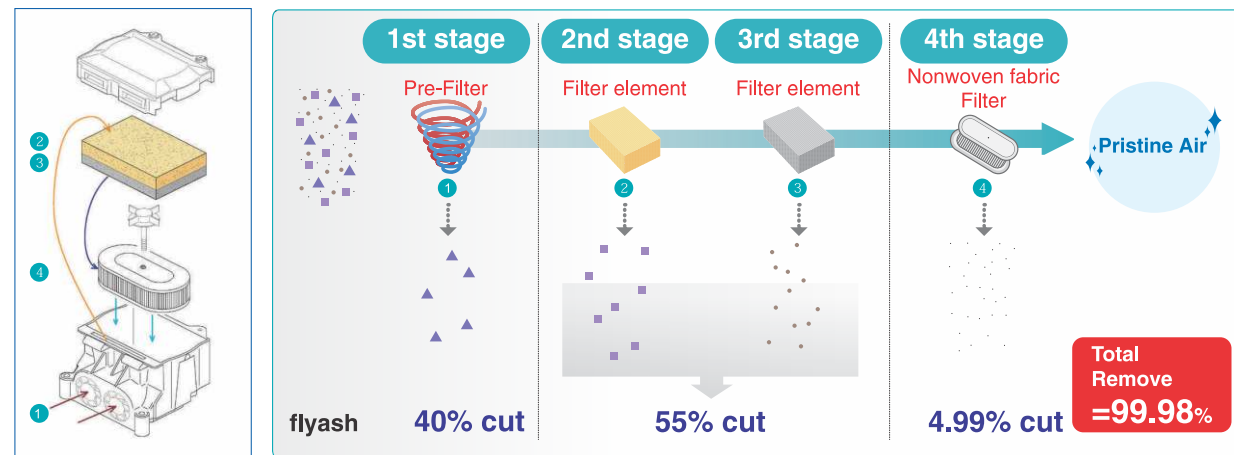
TAMPING  
RAMMER





## TAMPING RAMMER

- ♦ The newly designed clutch drum is designed to automatically eject wear particles via centrifugal force.
- ♦ The anti-vibration rubber handle features a safety pin design that prevents the handle from detaching from the frame when it is damaged.



### SPECIFICATIONS

| Model  | Weight (Kg) | Dimensions (mm)                | Plate size (mm)      | Jumping stroke (mm) | Impact force kN (kgf) | Impact number per min. | Fuel tank capacity (lits) | Power source kW (Ps)              |
|--------|-------------|--------------------------------|----------------------|---------------------|-----------------------|------------------------|---------------------------|-----------------------------------|
| MTX-60 | 64          | H : 1,025,<br>W : 350, L : 713 | W1 : 265<br>L1 : 340 | 50 - 80             | 13.6 (1,390)          | 644-695                | 2.5                       | -                                 |
| MTX-70 | 75          | H : 1,027,<br>W : 350, L : 788 | W1 : 285<br>L1 : 340 | 50 - 80             | 14.9 (1,520)          | 644-695                | 2.5                       | -                                 |
| MT-76D | 82          | H : 1,010,<br>W : 410, L : 740 | W1 : 285<br>L1 : 340 | 50 - 80             | 15.7 (1600)           | 656-698                | 3.3                       | Yanmar L48N<br>max. out 3.5 (4.7) |

## REVERSIBLE COMPACTOR





# REVERSIBLE COMPACTOR

Getting you on the job as quickly and absolutely as possible

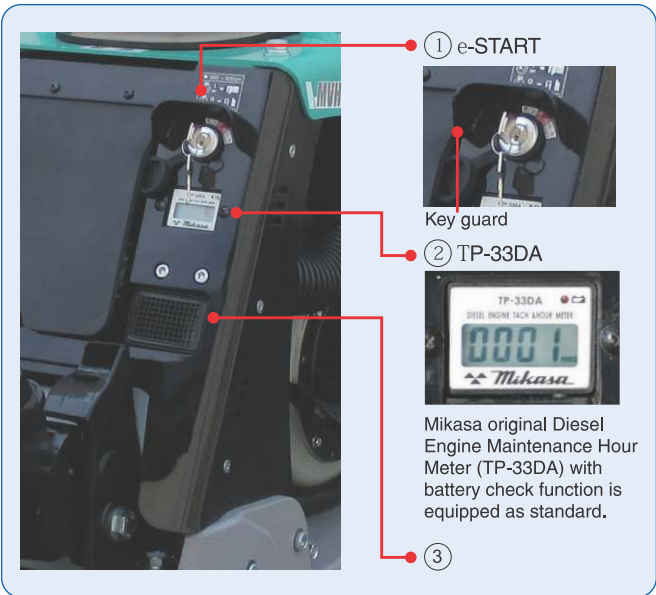
## ◆ Patented Vibration Absorbing System Handle

The Vibration Absorbing System handle reduces hand-arm vibration. Even if use long time, the burden for your body is not large.



## ◆ Patented forward/reverse control lever

The control lever has been engineered with a built-in actuator that improves the forward/reverse switch over operational response so that you can smoothly switch over between forward and reverse.



Tough and rugged body, and advanced engineering to prevent damage

## ◆ The compactor is designed monocoque structure integrated with front cover

The light weight and highly rugged front cover protects engine from gravel or external damage, and benefit easy maintenance, and enable to wash by high pressure pump.



## ◆ Cyclone pre cleaner equipped as standard has 400% superior dust filtering efficiency. (compared with our previous models)

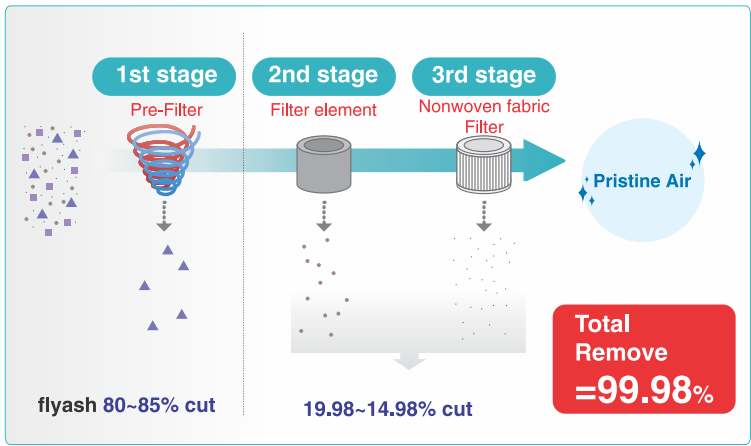
We have placed cyclone pre cleaner inside of rear cover which has superior dust filtering efficiency and it improves maintenance efficiency. For MVH-508, a high-powered twin cyclone pre cleaner suited for the large engine is equipped.



Cyclone pre cleaner



Twin cyclone pre cleaner



## SPECIFICATIONS

| Model        | Weight (Kg) | Dimensions (mm)        | Plate size (mm)           | Vibrating frequency Hz (V.P.M.) | Centrifugal force (max) kN (kgf) | Max. traveling speed (m/min) | Max. limited gradeability (%) | Power source kW (Ps)                                  |
|--------------|-------------|------------------------|---------------------------|---------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------------------------|
| MVH-308DSY   | 341         | H : 1,030<br>L : 1,540 | W : 445 [595]<br>L1 : 860 | 73 (4,400)                      | 45.0 (4,600)                     | 27                           | 35                            | Yanmar L70N (electric start)<br>max. output 4.9 (6.7) |
| MVH-150D VAS | 160         | H : 920<br>L : 1,130   | H : 430<br>L : 700        | 90 (5,400)                      | 27.0 (2,750)                     | 25                           | 35                            | Yanmar L48N (electric start)<br>max. output 3.5 (4.7) |

# VIBRATION ROLLER





# VIBRATION ROLLER

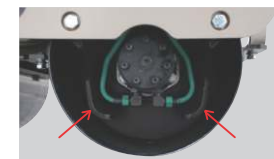
- ◆ Mikasa's patented strainer and plastic water tank prevents the sprinkler pipes from clogging.
- ◆ Dust-proof and Water-proof have been improved and the Durability has increased.
- ◆ The Rubber Bumper is equipped as standard to absorb the impact from frontal collisions lessening the damage to the machine.



◆ One-Touch Center Cover



◆ Head Light, Rubber Bumper



◆ Hydraulic Pipe Guard



◆ Engine Guard



◆ Parking Brake



◆ Parking Drum Stopper



◆ Deadman Brake



◆ Buzzer and Light Switch



◆ Vibration Switch



◆ Maintenance Hour Meter

## Safety Operation

### ◆ Deadman Brake

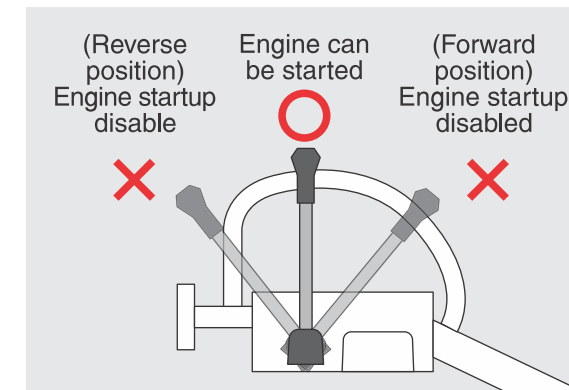
The deadman brake prevents accidents when backing up the machine. (Emergency stop device)



Deadman brake

### ◆ Self-start safety design

Engine self-start is a safety feature that is designed to prevent the engine from starting if the travel lever is not in the neutral position.



### ◆ Head Light and Rubber Bumper

The convenient Head Light suited nighttime work is equipped as standard. The Rubber Bumper is equipped as standard to protect the machine from the impact of frontal collisions.

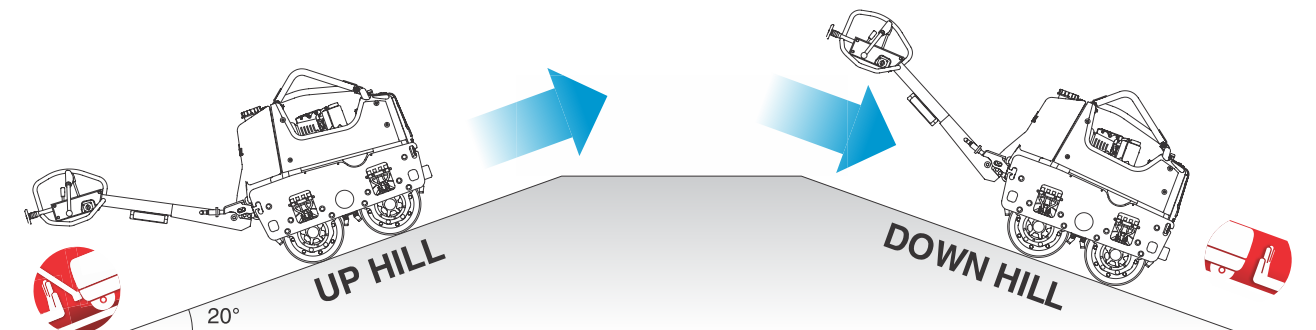


### ◆ Soft Start

Prevent Drum-mark against surface of paving Asphalt.



### ◆ Safety Design for not only up hill but Down hill



## 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-700DSCB (air cooled) | 700         | H : 1,170<br>W : 692<br>L : 2,670 | Dia: 406<br>Width: 650 | 55 (3,300)                      | 23.5 (2,400)               | 0 - 3                  | 35                            | 40                | Yanmar L100N electric start max. output 5.5 (7.5) |

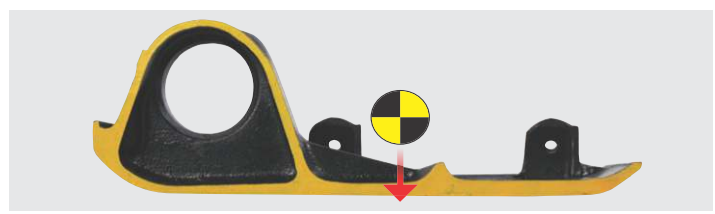




# PLATE COMPACTOR

## PLATE COMPACTOR

◆ **Special Ductile Compaction Baseplate**  
The compactor uses a highly durable ductile compaction baseplate that takes durability to another level.



Design for Low center of gravity and increasing the thickness of back part.

◆ **Self lubricated vibrator system**  
A vibrator which supplies oil in a vibrator case by using the rotation of an eccentric pendulum gives a proper lubricating action to the bearings and makes the vibrator more durable.

◆ **VAS Handle**  
Vibration Absorbing System Handle to reduce hand-arm vibration.

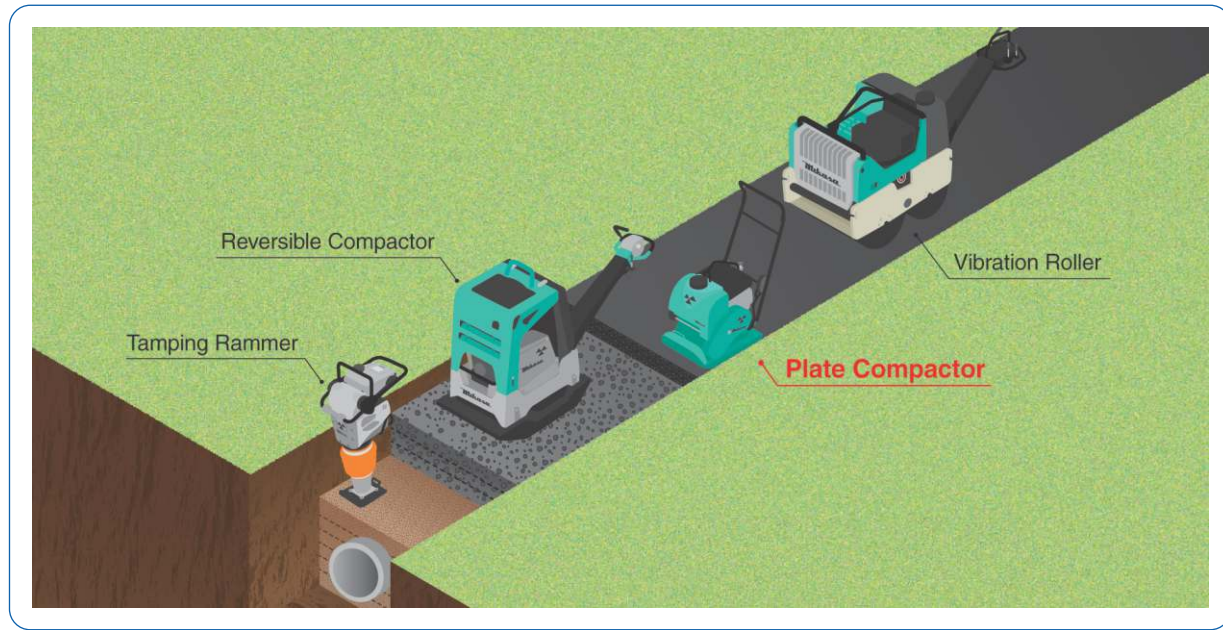
◆ **Maintenance Hour Meter TP-22 available**



◆ **Rubber Mat (Reversible Design)**



◆ **Edge to Edge specialist**



### SPECIFICATIONS

| Model      | Weight (Kg) | Dimensions (mm)                  | Plate size (mm)     | Vibrating frequency Hz (V.P.M.) | Centrifugal force (max) kN (kgf) | Max. traveling speed (m/min) | Max. limited gradeability (%) | Power source kW (Ps)                 |
|------------|-------------|----------------------------------|---------------------|---------------------------------|----------------------------------|------------------------------|-------------------------------|--------------------------------------|
| MVC - T90H | 101         | H : 825<br>H1 : 560<br>L : 1,100 | W : 500<br>L1 : 525 | 100 (6,000)                     | 15.0 (1,530)                     | 25                           | 35                            | Honda GX160<br>max. output 3.6 (4.9) |

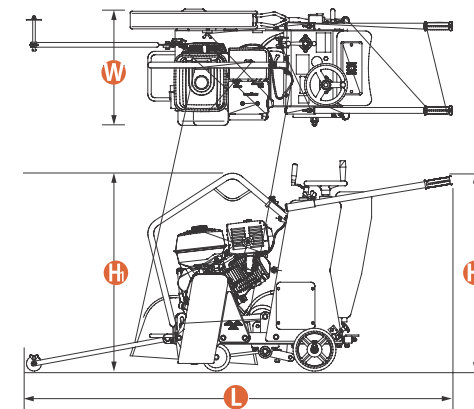


# CONCRETE CUTTER



## CONCRETE CUTTER

- ◆ Mikasa concrete cutters have cutting depth range from 70mm to 170mm
- ◆ Attachable blade sizes are from 10" (254mm) to 18" (457mm).
- ◆ The various models are available to accommodate at any job site.
- ◆ The compact and light sizes walk-behind models make it easy loading or unloading.



◆ Maintenance hour meter (for MCD-218CEH)



◆ Semi self propelling  
◆ Plastic water tank



◆ e-Electric start (for MCD-218CEH)



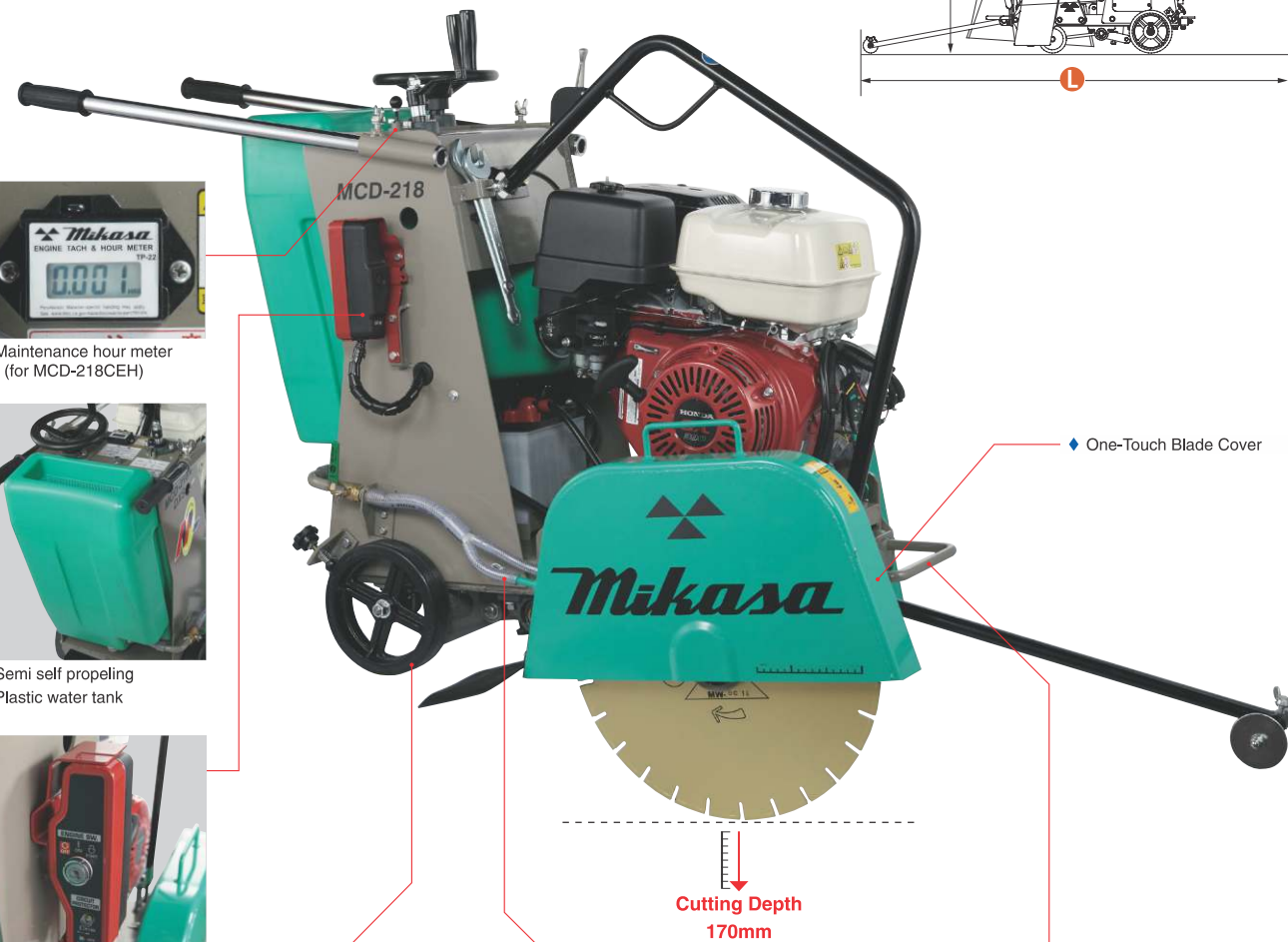
◆ Parking brake (012A - L14 - 218CEH)



◆ Double water pipe for cooling both sides of blade



◆ Belt cover



◆ One-Touch Blade Cover

Cutting Depth  
170mm

### SPECIFICATIONS

| Model       | Weight (Kg) | Dimensions (mm)                 | Blade size mm (Inch)  | Cutting depth (mm) | Arbor size (mm) | Adjusting for cutting depth | Cooling System             | Water tank capacity (lits) | Power source kW (Ps)                             |
|-------------|-------------|---------------------------------|-----------------------|--------------------|-----------------|-----------------------------|----------------------------|----------------------------|--------------------------------------------------|
| MCD-218 CEH | 184         | H : 981<br>W : 585<br>L : 1,990 | 254 (10") ~ 457 (18") | 70 ~ 170           | 27              | manual lifting screw system | Centrifugal injection type | 45                         | Honda GX390 electric start max. output 82 (11.1) |



# CONCRETE VIBRATOR



## SPECIAL CONSTRUCTION EQUIPMENT

# CONCRETE VIBRATOR

## High Cycle Frequency Concrete Vibrator

**FEATURES:** ♦ A rubber head type vibration nozzle tip protects the mold from damage ♦ Vibrator is equipped with a powerful and highly efficient motor ♦ Vibration measures created through detailed vibration analysis.

### SPECIFICATIONS

| Model  | Vib. head dia x length (mm) | Rubber hose (m) | Voltage (V)    | Cycle (Hz) | Amperage (A) | Amplitude (mm) | Vibration Hz (V.P.M.)   | Cable length (m) | Weight (kg) 4m/6m |
|--------|-----------------------------|-----------------|----------------|------------|--------------|----------------|-------------------------|------------------|-------------------|
| FX-30E | 32 x 396                    | 4 or 6          | 48 three phase | 200/240    | 4            | 1.8            | 200/240 (12,000/14,000) | 15               | 9.1/10.3          |
| FX-40G | 43 x 396                    |                 |                |            | 6            | 1.5            |                         |                  | 12.0/13.7         |
| FX-50G | 52 x 413                    |                 |                |            | 9.5          | 1.9            |                         |                  | 14.8/16.5         |

## High Frequency Inverter (FU-162)

**FEATURES:** ♦ Soft start ♦ Sheet type switch ♦ Error display.



### SPECIFICATIONS

| Model  | Dimensions (mm)               | Input (V)            | Input (A) | Input (KVA) | Input (Hz) | Output (V)     | Output (A) | Output (KVA) | Output (Hz) | No. of outlets | Weight (kg) |
|--------|-------------------------------|----------------------|-----------|-------------|------------|----------------|------------|--------------|-------------|----------------|-------------|
| FU-162 | H : 248<br>W : 240<br>L : 324 | 110/240 single phase | 20/14     | 2/2.8       | 50/60      | 48 three phase | 19.2       | 1.6          | 100-240     | 2              | 8.7         |

## Portable Concrete Vibrator

**FEATURES:** ♦ Hose length ranges from 0.6m~2m ♦ Portable vibrator is best suited for stone masonry, gutters, building foundations and concrete products ♦ The handle grip is a split type and the anti-vibration rubber on the surface where the hands touch reduces fatigue ♦ A wear resistant cover is placed on switch lever and stopper areas to stop concrete and water from entering.



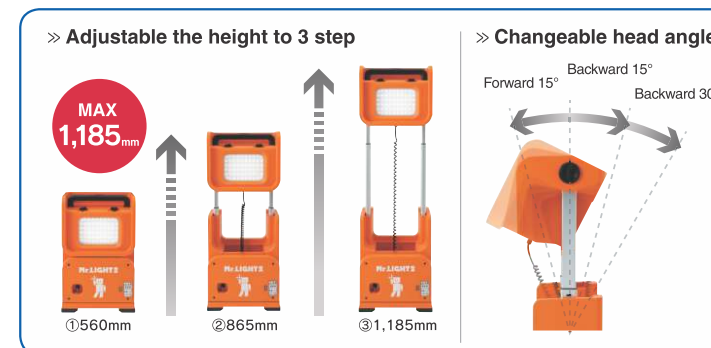
MGX-28 MGX-32

### SPECIFICATIONS

| Model  | Vib. head dia x length (mm) | Inner shaft dia. (mm) | Rubber casting dia. (mm) | Amplitude (mm) | Vibration Hz (V.P.M.)   | Power (W) (single phase) | Weight (kg) |
|--------|-----------------------------|-----------------------|--------------------------|----------------|-------------------------|--------------------------|-------------|
| MGX-28 | 28 x 780                    | 8                     | 24.6                     | 1.8            | 200-258 (12,000-15,500) | Output: 280              | 4.6         |
| MGX-32 | 32 x 780                    |                       |                          | 1.9            |                         |                          | 4.8         |

## Mr LIGHT 2

**FEATURES:** ♦ High luminance LED ♦ 2400 lumen (each 1200 lumen for both, front and rear side) ♦ MAX 13 hours lighting when one side used ♦ Changeable head angle ♦ Adjustable height.



### SPECIFICATIONS

| Model     | Weight (Kg) | Dimensions (Height: 3 step adjustment) |        |        | Light flux (Lm) |              | LED source (unit) |              | Light head angle adjustment (degree) |              | Battery (with warning indication) | Continuous use time (h) at full charge |              | Full charge time (h) | Allowable ambient temperature for use (degree) | Charge method (V) Cable included |                       |
|-----------|-------------|----------------------------------------|--------|--------|-----------------|--------------|-------------------|--------------|--------------------------------------|--------------|-----------------------------------|----------------------------------------|--------------|----------------------|------------------------------------------------|----------------------------------|-----------------------|
|           |             | H (mm)                                 | L (mm) | W (mm) | One surface     | Both surface | One surface       | Both surface | One surface                          | Both surface |                                   | One surface                            | Both surface |                      |                                                | General power outlet             | Power from automobile |
| MLP-1212A | 12          | 560 ~ 1,185                            | 256    | 363    | 1,200           | 2,400        | 60                | 120          | 15                                   | 15/30        | Completely sealed type            | 13                                     | 6.5          | 10~12                | -20~40                                         | 100~240 (AC)                     | 12/24 (DC)            |





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