

# MIKASA REVERSIBLE PLATE COMPACTOR MVH-308DSY

Mikasa Reversible Plate Compactors set the standard for efficient compaction of sand, gravel and cohesive soils in trenches and large construction projects. They offer high-compaction capacity, superior travel speeds and feature fully hydraulic direction control for easy direction change. They are ideally suited for civil construction works, drainage contractors and the rental industry.



**Engine hour meter and tachometer**

- Efficiently manage service intervals
- Monitor rpm for optimum compaction performance

**Lifting hook**

Central lifting hook for easy and safe onsite handling

**Yanmar L70 diesel engine**

Provides hassle free operation, low fuel consumption and long-term reliability

**Full engine protection frame**

- Robust frame provides superior protection against engine damage
- Hinge design simplifies maintenance and offers convenient access to all serviceable components

**Forward/reverse control lever**

With built-in actuator for seamless and smooth transition between both forward and reverse motions

**Cyclonic air filtration system**

For superior air filtration to lengthen service intervals and improve engine protection

**Anti-vibration and adjustable handle**

- Low vibration handle for reduced hand and arm vibration transfer to the operator
- Height adjustable handle for improved operator comfort

**Sealed clutch and belt guard**

Protects against the ingress of dust and other unwanted materials that can prematurely wear out critical clutch components and V-belt

**Removable extension plates**

Easily adjust the width of the plate to match job requirements

## MIKASA REVERSIBLE PLATE COMPACTORS



MVH-R60H



MVH-158GH



MVH-158DY



MVH-308GH



MVH-308DSY



MVH-508DSZ

| Model      | Operating Weight              |                            | Plate Size (W x L)            |                            | Centrifugal Force (Max) (kN) | Vibration Frequency (vpm) | Max Travel Speed* (m/min) | Max Gradeability (%) | Max Compacted Area (m <sup>2</sup> /h) | Engine Make / Model | Max Rated Power (hp) | Average HAV (m/s <sup>2</sup> ) | Fuel Type | Product Code  |
|------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------------------|---------------------------|---------------------------|----------------------|--|---------------------|----------------------|---------------------------------|-----------|---------------|
|            | Without extension plates (kg) | With extension plates (kg) | Without extension plates (mm) | With extension plates (mm) |                              |                           |                           |                      |  |                     |                      |                                 |           |               |
| MVH-R60H   | 68                            | N/A                        | 350 x 480                     | N/A                        | 15                           | 6,000                     | 25                        | 35                   | 525                                    | Honda GX120         | 4                    | N/A                             | P         | FT2VHR60-UNIT |
| MVH-158GH  | 145                           | N/A                        | 430 x 700                     | N/A                        | 27                           | 5,400                     | 26                        | 35                   | 670                                    | Honda GX200         | 6.5                  | N/A                             | P         | FT201690-UNIT |
| MVH-158DY  | 164                           | N/A                        | 430 x 700                     | N/A                        | 25                           | 5,400                     | 26                        | 35                   | 670                                    | Yanmar L48          | 4.7                  | N/A                             | D         | FT272784-UNIT |
| MVH-308GH  | 310                           | 325                        | 445 x 860                     | 595 x 860                  | 45                           | 4,400                     | 27                        | 35                   | 963                                    | Honda GX270         | 9                    | 2.8                             | P         | FT272776-UNIT |
| MVH-308DSY | 341                           | 361                        | 445 x 860                     | 595 x 860                  | 45                           | 4,400                     | 27                        | 35                   | 963                                    | Yanmar L70          | 6.7                  | 2.9                             | D         | FT272783-UNIT |
| MVH-508DSZ | 525                           | 567                        | 650 x 900                     | 800 x 900                  | 65                           | 4,150                     | 29                        | 35                   | 1392                                   | Hatz 1D81S          | 14.1                 | 5.5                             | D         | FT28DSZN-UNIT |

\* Travel speeds vary based on different soil conditions. Specifications published are based on average performance results.

MVH-308GH, MVH-308DSY and MVH-508DSZ are supplied with extension plates.



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