

REVERSIBLE PLATE COMPACTORS

MQ Mikasa

Making a lasting impression.

MQ MULTIQUIP

REVERSIBLE PLATE COMPACTORS

Multiquip's best selling reversible plate just got better. Meet the MVH408, loaded with all the features you need:

1. **Engine options –** Choice of Honda and Vanguard gasoline or Hatz diesel engines.
2. **Fold-out front and rear covers –** easy access to all maintenance points.
3. **Hour/Tachometer –** Measures hour usage and engine RPM.
4. **Cyclone pre-cleaner –** captures most airborne contaminants for engine protection and extended service life.
5. **Heavy duty shock mounts –** Withstand harsh operating environment while reducing vibration to the operator and helping to extend component life.
6. **Hydraulic controls –** Enables operator to easily switch direction from forward to reverse. Also allows for spot compaction.
7. **Rugged base plate –** Manufactured of high strength steel for top performance and featuring open design for easy cleanup.
8. **Steel frame protective guard –** Fully integrated roll cage protects the engine from loose debris or dirt while serving as a lifting bar for easy portability.

Multiquip's Mikasa Reversible Plate Compactors are the ideal high-production machines for efficient compaction of sand, gravel and cohesive soils.



9. **Single cast baseplate and eccentric box –** lowers center of gravity dramatically improving travel speed.
10. **Extension Plates –** Can be added or removed to operating working width up to 6-inches.

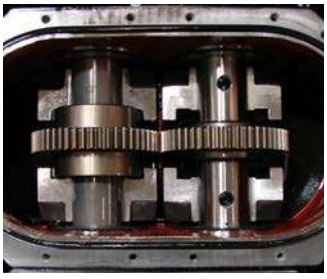
Features may vary by model:



Cyclonic pre-cleaner - reduces maintenance frequency and prolongs engine efficiency.



Adjustable handle height - reduces operator fatigue and improves comfort.



Heavy-duty vibrator bearings - ensures long equipment life.



Extension Plates - increase working area by 6".



Digital Display

Hourmeter - allows accurate tracking of hours and maintenance intervals.

Tachometer - displays engine RPM while in operation.

MVH128GH

Plate size WxL in (mm) - 15.8x23.2 (400x590)
Centrifugal Force lbs. (kN) - 5,283 (23.5)
Exciter Speed VPM (Hz) - 5,400 (90)
Operating Weight lbs. (kg) - 269 (122)
Cyclonic Pre-Cleaner - Triple
Optional Wheel Kit - WHL158





MVH158GH

Plate size WxL in (mm) - 16.9x27.6 (430x7
Centrifugal Force lbs. (kN) - 6,070 (27)
Exciter Speed VPM (Hz) - 5,400 (90)
Operating Weight lbs. (kg) - 326.3 (148)
Cyclonic Pre-Cleaner - Triple
Optional Wheel Kit - WHL158

MVH208GH

Plate size WxL in. (mm) - 19.7x28.3 (500x720)
Centrifugal Force lbs. (kN) - 8,318 (37)
Exciter Speed VPM (Hz) - 5,200 (87)
Operating Weight lbs. (kg) - 463 (210)
Max travel Speed ft/min (m/min) - 85 (26)
Cyclonic Pre-Cleaner - Triple



MVH308DE

Plate size WxL in (mm) - 18x34 (445x860); 24x34 (600x860) with extensions
Centrifugal Force lbs. (kN) - 9,217 (41)
Exciter Speed VPM (Hz) - 4,400 (73)
Operating Weight lbs. (kg) - 794 (360)*
Max travel Speed ft/min (m/min) - 85 (26)
Cyclonic Pre-Cleaner - Single



MVH308GH

Plate size WxL in (mm) - 18x34 (445x860); 24x34 (600x860) with extensions
Centrifugal Force lbs. (kN) - 10,116 (45)
Exciter Speed VPM (Hz) - 4,400 (73)
Operating Weight lbs. (kg) - 717 (325)*
Max Travel Speed ft/min (m/min) - 79 (24)
Cyclonic Pre-Cleaner - Dual

MVH408DE

Plate size WxL in (mm) - 19.7x35.3 (500x900); 26x35 (650x900) with extensions
Centrifugal Force lbs. (kN) - 12,365 (55)
Exciter Speed VPM (Hz) - 4,400 (73)
Operating Weight lbs. (kg) - 933 (423)*
Max travel Speed ft/min (m/min) - 92 (28)
Cyclonic Pre-Cleaner - Single



MVH408GH

Plate size WxL in (mm) - 19.68 x 35.3 in (500x900 mm); 26x35 (650x900) with extensions
Centrifugal Force lbs. (kN) - 12,365 (55)
Exciter Speed VPM (Hz) - 4,400 (73)
Operating Weight lbs. (kg) - 836 (379)*
Max Travel Speed ft/min (m/min)- 82 (25)
Cyclonic Pre-Cleaner - Dual

MVH508DE

Plate size WxL in. (mm) - 19.7x35.4 (500x900); 26x35 (650x900) with extensions
Centrifugal Force lbs. (kN) - 15,737 (70)
Exciter Speed VPM (Hz) - 4,300 (72)
Operating Weight lbs. (kg) - 1,191 (540)*
Max travel Speed ft/min (m/min) - 98 (30)
Cyclonic Pre-Cleaner - Dual



MVH508GH

Plate size WxL in (mm) - 19.68 x 35.3 (500x900); 26x35 (650x900) with extensions
Centrifugal Force lbs. (kN) - 13,489 (60)
Exciter Speed VPM (Hz) - 4,400 (73)
Operating Weight lbs. (kg) - 970 (440)*
Max Travel Speed - ft/min (m/min) 82 (26)
Cyclonic Pre-Cleaner - Dual

* Weight includes Extension Plates

COMPAS TECHNOLOGY

(Optional Compaction Analyzing System)



Compas Advantage

Removes guesswork –
An easy to read LED panel turns on to guide the operator as soil stiffness increases.

Compas Benefit

Saves time and money –
Continuous monitoring of soil stiffness guides operator to avoid unnecessary passes and over-compaction.

Compas Model Guide

Diesel Models Only	
Plate Model	**Compas Model**
MVH308DE	CPAS308DE
MVH408DE	CPAS408DE
MVH508DE	CPAS508DE
MVH508GH	CPAS508GH

Battery Powered

MVHeR60

Plate size WxL in (mm) - 18.9x13.8 (480 x 350)
Centrifugal Force lbs. (kN) - 2,698 (12)
Exciter Speed VPM (Hz) - 6500 (108)
Operating Weight lbs. (kg) - 179 (81)
Max Travel Speed - 78.7 (24)



Reversible Plate Compactors

Specifications

Model	Plate Size WxL in. (mm)	Size with Extensions WxL in. (mm)	Centrifugal Force lbs. (kN)	Exciter Speed VPM (Hz)	Max. Fwd. Speed ft./min. (m/min)	Engine Model	Fuel Type	Start Method	HP Rating BHP (kw)*	Operating Weight lbs. (kg)
MVH128GH	15.8x23.2 (400x590)	N/A	5,283 (23.5)	5,400 (90)	89 (27)	Honda GX-160	Gas	Recoil	4.8 (3.6)	269 (122)
MVH158GH	16.9x27.6 (430x700)	N/A	6,070 (27)	5,400 (90)	89 (27)	Honda GX-200	Gas	Recoil	5.5 (4.1)	326 (148)
MVH208GH	19.7x28.3 (500x720)	N/A	8,318 (37)	5,200 (87)	85 (26)	Honda GX-270	Gas	Recoil	8.6 (6.3)	463 (210)
MVH308GH	18x34 (445x860)	24*x34 (600x860)	10,116 (45)	4,400 (73)	79 (24)	Honda GX-270	Gas	Recoil	8.6 (6.3)	717* (325)
MVH308DE	18x34 (445x860)	24*x34 (600x860)	9,217 (41)	4,400 (73)	85 (26)	Hatz 1B30E**	Diesel	Recoil/ Electric	6.1 (4.5)	794* (360)
MVH408GH	20x35 (500x900)	26*x35 (650x900)	12,365 (55)	4,400 (73)	82 (25)	Honda GX-390	Gas	Recoil	11.7 (8.7)	836* (379)
MVH408DE	20x35 (500x900)	26*x35 (650x900)	12,365 (55)	4,400 (73)	92 (28)	Hatz 1B50E**	Diesel	Recoil/ Electric	10.6 (7.9)	933* (423)
MVH508GH	20x35 (500x900)	26*x35 (650x900)	13,489 (60)	4,400 (73)	82 (25)	Honda GX-390	Gas	Recoil/ Electric	11.7 (8.7)	970* (440)
MVH508DE	20x35 (500x900)	26*x35 (650x900)	15,737 (70)	4,300 (72)	98 (30)	Hatz 1D90E**	Diesel	Recoil/ Electric	14.1 (10.5)	1,191* (540)
Battery Powered										
MVHeR60	18.9x13.8 (480x350)	N/A	2,698 (12)	6,500 (??)	78.7 (24)	Lithium-Ion Battery		Push Button	2.4 (1.8)	179 (81)



KIT12EXTEND
12" (305 mm) Bolt-On Extensions for MVH308, 408, 508 - (2x6" Plates)

WARRANTY
Reversible Plate Compactors - 3 year parts and labor. Base Plates - 1 year. Contact Multiquip for complete warranty information. Honda GX Series Engines - 3 years. Vanguard 400 Engine - 3 years. Hatz 1B30E, 1B50E and 1D90E Engines - 2 years. Engines - Please consult the manufacturer for warranty details and updates.



WHL158
Tool-free wheel kit for MVH128GH and MVH158GH

451008
Water Tank Kit for MVH128GH and MVH158GH (not compatible with UK or Latin America models)

* Extension plates are included with the MVH308, 408, and 508 series, increasing plate width and weight. ** Oil alarm is not available on diesel-powered models.

Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

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All features and specifications are subject to change without notice.
Version (0126)

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