

UTILITY connection



2018



WWW.SOILPICK.COM



Available in three models, the Soil Pick excavates soil without risk of damaging buried utilities. The Soil Pick weighs 6.2 lbs., has zero hand/arm vibration and can be used for extended periods without fatigue. The Soil Pick is ideal for utility crews, contractors, and arborists.

- SP 80 CFM (300080)
- SP 125 CFM (300125)
- SP 160 CFM (300160)

ACCESSORIES

42" EXTENSION (03848)

up to three 42" extensions can be added to the Soil Pick for hard to reach areas.



21" EXTENSION (03849)



45 DEGREE NOZZLE

Available in 80, 125, and 160 CFM, the 45 degree nozzle was designed to reach underneath buried pipes.

- 45 degree nozzle 80 CFM (17748)
- 45 degree nozzle 125 CFM (17749)
- 45 degree nozzle 160 CFM (17750)

* requires an extension barrel



REPLACEMENT BARREL WITH NOZZLE

- 12", 125 CFM BARREL (14593)
- 42", 80 CFM BARREL (03820)
- 42", 125 CFM BARREL (03813)
- 42", 160 CFM BARREL (17594)

WATER NOZZLE (21372)

Includes sprayer nozzle, 10 foot hose and extender



SOIL PICK CASE (19358)

A rugged case designed to protect your Soil Pick and accessories.



MBW's ERGO-TAMP is available in both 60" and 74", which allows for versatility and safety. It is made mostly of aluminum and weighs around 39 lbs. Comes equipped with a standard 6" shoe. Periodic exposure to excessive vibration is known to be a contributing factor in the development of white finger, carpal tunnel syndrome, arthritis and other chronic ailments. The ERGO-TAMP reduces hand/arm vibration as much as 70%, allowing for some variation as conditions of compaction change. The vibration absorption system easily handles the range of amplitudes typical of pneumatic tampers and is cooled by a constant flow of compressed air through its working mechanism. Patent Pending.

ERGO TAMP (786C)

ERGO TAMP SHORT (786CS)

ACCESSORIES

The patented vibration suppressor can be attached to most other models of pole tampers and will reduce the hand/arm vibration between 50 and 70%, depending on conditions of compaction.

VIBRATION SUPPRESSOR (VS77)

**VIBRATION SUPPRESSOR
W/METRIC ADAPTER (VS77M)**



ERGO TAMP

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The MBW Vapor Extraction Unit (VEU) removes residual gas quickly and safely, while monitoring the percent of gas in the moving air. Current applications include the pinpointing of leaks on cast iron pipes and residual gas remediation. Some use the VEU purely for pinpointing leaks. Accurate pinpointing has made "keyhole technology" viable, reduced "dry holes," and increased overall efficiency. Using the VEU for gas remediation allows businesses that may have residual gas underneath or around the foundation to promptly reopen - avoiding expensive downtime

VAPOR EXTRACTION UNIT (85427D)

ACCESSORIES

PROBE KIT (19051)

EVERYTHING YOU NEED
TO GET YOUR VEU STARTED...
6 - PROBES, 5 - 5 FT. FOOT HOSES,
1 - 25 FT. HOSE



VEU

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MAN HOLE KIT (19874)
20' OF 3" HOSE IN 4' SECTIONS
W/ COUPLERS & SAFETY NOZZLE



TRAILER KIT (20357)



PARTS KIT (20350)
ISUZU ENG, VEU 854
MAINTENANCE PARTS FOR VEU



PROBE (19184)



SENSOR CALIBRATION KIT (19279)



5' HOSE (19049)



25' HOSE (19050)

AIRAMMER



ACCESSORIES
**KILLFROST ANTI-FREEZE/
 LUBRICANT (19605)**
**INLINE RAMMER FILTER &
 LUBRICATOR KIT (12248)**



The Airammer is a pneumatically powered rammer. It eliminates a long list of engine related problems. There are no fuel or fuel mixing issues, no carburetor, no spark plug, no exhaust ports or muffler to foul with carbon, no rewind starter, no flooding problems, no air or fuel filters that can be plugged, no rpm issues, all of which affect performance. The new Airammer features a unique 3 year warranty.

MBW, Inc. provides to the original purchaser a 5 year warranty on bellows part #11694 used on Airammer models AR56 & AR57. This warranty covers defects in material and workmanship.

MODEL	AR56	AR57
Shoe Size	Iron 11 x 13 in (28 x 33 cm)	Alum 13 x 15 in (33 x 38 cm)
Operating Weight	124 lb (56 kg)	126 lb (57 kg)
Percussion Rate	650 blows/min	650 blows/min
Compaction Area	3300 ft ² /hr (307 m ² /hr)	3900 ft ² /hr (362 m ² /hr)
Travel Speed	Up to 60 ft/min (18.3 m/min)	Up to 60 ft/min (18.3 m/min)
Compaction Depth	Up to 24 in (61 cm)	Up to 24 in (61 cm)
Air Required	75 cfm 100 psi	75 cfm 100 psi
RPM	4500	4500

RAMMERS



GAS RAMMERS

MBW, Inc. gas rammers have a 5 year warranty on percussion system slide bearings and bellows.

MODEL	R422	R442	R482 - 11"	R482 - 13"
Shoe Size	11 x 13 in (28 x 33 cm)		11 x 13 in (28 x 33 cm)	13 x 15 in (33 x 38 cm)
Engine Options & Operating Weight	Honda GX100 145 lb (66 kg) Honda GX100 Oversized Air Filter 149 lb (68 kg) Honda GXR120 145 lb (66 kg)	Honda GX100 150 lb (68 kg) Honda GX100 Oversized Air Filter 154 lb (70 kg) Honda GXR120 150 lb (68 kg)	Honda GX100 158 lb (72 kg) Honda GXR120 158 lb (72 kg)	Honda GX100 165 lb (75 kg) Honda GXR120 165 lb (75 kg)
Percussion Rate	Up to 720 blows/min		Up to 650 blows/min	
Compaction Area	2520 ft ² /hr (234 m ² /hr)	2900 ft ² /hr (269 m ² /hr)	3300 ft ² /hr (307 m ² /hr)	3900 ft ² /hr (362 m ² /hr)
Travel Speed	Up to 55 ft/min (16 m/min)		Up to 60 ft/min (18.3 m/min)	
Compaction Depth*	Up to 18 in (45 cm)		Up to 24 in (61 cm)	

* Clean sand, optimum moisture. MBW recommends that lifts not exceed 12" of granular soil, 9" of cohesive soil. Fuel capacity of 1.1 gal (4.2 L); Engine 3600 rpm () Metric Measurements

STATIC OR VIBRATORY WHEELS – 24 & 36

This highly versatile range of stick-mounted compaction wheels are available in interchangeable 24 and 36 inch working widths, padded drum configurations, and static or vibratory modes. Massive frame supports compaction wheels at both ends to accommodate enormous static and vibratory forces, torque on uneven surfaces and provide maximum life. Shafting and bearings are highest capacity in the industry. Up to 10 times more productive than walk-behind rollers or stick-mounted vibratory plates. Maintenance is low when properly serviced. Recommended for excavators in the 20K to 60K range. Affixed to booms via pin mount adapter. All models standard with integral leveling blade.

US & International Patents



Vibratory

MODEL	STATIC	VIBRATORY
Working Width	W24 24 in (61 cm)	
	W36 36 in (91 cm)	
Operating Weight	W24 1367 lb (620 kg)	W24 2386 lb (1082 kg)
	W36 1750 lb (793 kg)	W36 2829 lb (1283 kg)
Amplitude	N/A	Variable with Static Pressure
Centrifugal Force	N/A	10,000 lbs (44.5 kN)
Exciter Speed	N/A	3000 vpm
Flow Requirement	N/A	10-70 gpm (38-265 Lpm)
Pressure Requirement	N/A	1500-3000 psi (103-207 bar)

() Metric Measurements

EXA18L & EXA18

The **EXA18L** is a lightweight (1090 lbs) vibratory wheel for large mini-excavators and rubber tired backhoes 12K to 18K pounds.

The **EXA18** is a 1,515 lb vibratory wheel with heavier frame and overall construction. This model is recommended for excavators in the 18K to 45K pound range.

Both models feature a frame free drum width of 18 inches. Combining up to 1/2 the static weight of the host machine with vibration at 2600 VPM, these compactors make quick work of compaction requirements on a full range of soil types. Both models come with integral backfill leveling blade and can be affixed to booms via pin mount adapter.



ROLLERS

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SINGLE DIRECTION VIBRATORY PLATES

MODEL	GP12	GP15	GP18	GP2000H	GP3550
Plate Size WxL	13 x 22.5 in (33 x 57 cm)	16 x 22.5 in (40 x 57 cm)	18 x 22.5 in (46 x 57 cm)	20 x 22 in (51 x 56 cm)	21 x 22 in (53 x 56 cm)
Operating Weight	132 lb (59 kg)	139 lb (63 kg)	161 lb (73 kg)	165 lb (75 kg)	226 lbs (103 kg)
Engine	Honda GX120	Honda GX120	Honda GX120	Honda GX160	Honda GX160
Amplitude	.058 in (1.47 mm)	.054 in (1.37 mm)	.067 in (1.72 mm)	.083 in (2.11 mm)	.087 in (1.5 mm)
Centrifugal Force	1920 lbs (8.5 kN)	2000 lbs (8.9 kN)	2780 lbs (12.3 kN)	3250 lbs (14.5 kN)	3550 lbs (15.8 kN)
Exciter Speed	5240 vpm	5350 vpm	5240 vpm	5050 vpm	4400 vpm
Compaction Depth	Up to 10 in (25 cm)	Up to 10 in (25 cm)	Up to 12 in (25 cm)	Up to 12 in (31 cm)	Up to 21 in (53 cm)
Travel Speed	up to 83 ft/min (25 m/min)	up to 68 ft/min (21 m/min)	up to 75 ft/min (23 m/min)	up to 120 ft/min (37 m/min)	up to 110 ft/min (34 m/min)
Compaction Area	5395 ft ² /hr (501 m ² /hr)	5440 ft ² /hr (505 m ² /hr)	6750 ft ² /hr (627 m ² /hr)	12000 ft ² /hr (1115 m ² /hr)	11550 ft ² /hr (1073 m ² /hr)

REVERSIBLE VIBRATORY PLATES

MODEL	GPR65	GPR68	GPR77
Plate Size WxL	15 x 26 in (38 x 66 cm)	18 x 26 in (46 x 66 cm)	22 x 26 in (56 x 66 cm)
Engine Options & Operating Weight	65H Honda GX160 325 lb (147 kg) 65D Hatz Diesel 1B20 365 lb (165 kg)	68H Honda GX160 330 lb (150 kg) 68D Hatz Diesel 1B20 370 lb (168 kg)	77H Honda GX270 397 lb (180 kg) 77D Hatz Diesel 1B20 399 lb (181 kg)
Amplitude	.072 in (1.83 mm)	.071 in (1.80 mm)	.066 in (1.68 mm)
Centrifugal Force	6000 lbs (27 kN)		7775 lbs (35 kN)
Exciter Speed	4400 vpm		4725 vpm
Compaction Depth*	Up to 22 in (56 cm)		
Travel Speed	up to 92 ft/min (28 m/min)	up to 88 ft/min (27 m/min)	up to 86 ft/min (26 m/min)
Compaction Area	6900 ft ² /hr (641 m ² /hr)	7920 ft ² /hr (736 m ² /hr)	9460 ft ² /hr (879 m ² /hr)

COMPACTION



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