

SCREEDEMON™

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[501H]



BUILDING A BETTER JOBSITE EXPERIENCE

MBW.COM



SCREEDEMON

SETTING NEW STANDARDS IN WET SCREEDS

At MBW, every product is designed with a focus on improving industry challenges. Portable wet screeds have traditionally faced three major issues:

MECHANICAL PERFORMANCE

Wet screeds often suffer from high maintenance due to complex drive mechanisms connecting the engine to the exciter. The ScreeDemon eliminates these issues by using simple, durable, and cost-effective rubber isolators to drive the eccentric, reducing maintenance needs significantly.

FUNCTIONALITY

Conventional screed and bar combinations often lead to uneven vibration along the bar's length, causing inconsistent concrete compaction and uneven cream levels. The ScreeDemon's magnesium bar, with its unique back-to-back triangular design, is exceptionally rigid, ensuring consistent vibration transmission across the entire screed. Unlike traditional designs that rely on bolts—susceptible to wear from concrete exposure—the ScreeDemon utilizes a simple clamp system. This eliminates the need for drilled holes, preventing bar weakening and making assembly or disassembly quick and effortless.

OPERATOR HEALTH & SAFETY

Excessive hand-arm vibration is a common issue with most wet screeds on the market. The ScreeDemon addresses this with a patented mount retention system that allows the use of low durometer isolators without compromising control. The result? Hand-arm vibration levels that are 50 to 90% lower than competing screeds, ensuring a safer and more comfortable experience for operators.

US & International Patents



MODEL	WS500
Operating Weight	30 lbs (13.6 kg)
Engine	Honda GX35
Max Rated Power	1.5 hp (1.12 kW) @7000 rpm
Displacement	2.1 in³ (35 cm³)
Fuel Tank Capacity	0.17 gal (0.64 L)

Magnesium Bar Specifications

BARS	WIDTH	WEIGHT
17804	4 ft (1.22 m)	8.1 lb (3.7 kg)
17806	6 ft (1.83 m)	12.1 lb (5.5 kg)
17808	8 ft (2.44 m)	16.1 lb (7.3 kg)
17810	10 ft (3.05 m)	20.1 lb (9.1 kg)
17812	12 ft (3.66 m)	24.0 lb (10.9 kg)
17814	14 ft (4.27 m)	28.0 lb (12.7 kg)
17816	16 ft (4.88 m)	32.0 lb (14.5 kg)
17818*	18 ft (5.49 m)	36.0 lb (16.3 kg)

*18 ft bars require two ScreeDemon power units.

() Metric Measurements, Specifications subject to change without notice.

Aluminum Bar Specifications

BARS	WIDTH	WEIGHT
23006	6 ft (1.83 m)	16.5 lb (7.5 kg)
23008	8 ft (2.44 m)	22.0 lb (9.9 kg)
23010	10 ft (3.05 m)	27.5 lb (12.5 kg)
23012	12 ft (3.66 m)	33.0 lb (14.9 kg)

() Metric Measurements, Specifications subject to change without notice.



EXTRA RIGID, DOUBLE TRIANGULAR, MAGNESIUM SCREED BAR

- minimizes variability in vibration
- is attached or removed from screed in seconds for cleaning/transport
- clamps to ScreeDemon—no holes or hardware through bar
- allows for offsetting of screed for working under protrusions

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SCREEDEMON™ FEATURES



ATTACHED TOOL

9/16 wrench

VARIABLE THROTTLE

Allows instant response to concrete conditions

KICKSTAND

Hand operated kickstand is conveniently placed by handle grip and can be used to stand screed in concrete

MAIN HANDLE

Walk-in design for easy access to lifting points. Tool-free adjustment provides 20-30% more clamping force compared to previous models. Folds down easily for convenient transport and storage

CENTRAL LIFTING POINT

Higher lifting handle over previous models for easier and more ergonomic movement of the screed

4-STROKE ENGINE

Honda GX35

HIGH STRENGTH

Die-cast, e-coated aluminum frame is lightweight and easy to clean

PATENTED

Dual level, anti-vibration system. Unique system reduces vibration transmitted to the operator yet allows complete control of the unit

CLAMPING MECHANISM

Captured hardware allows for quick and easy attachment

SEALED EXCITER

Oversized bearing design requires no maintenance

MAGNESIUM SCREED BAR

Lightweight. No cut-out or attached hardware. Easy cleanup. Available in 2 foot increments from 4' to 18'. MBW Aluminum screed bars are also compatible with ScreeDemon



ABOUT MBW INC.

Since 1967, MBW has been at the forefront of manufacturing innovative compaction, concrete, and related equipment for the construction industry.

WHAT SETS MBW APART?

MBW doesn't simply follow the crowd; we innovate. Each new engineering project begins with the belief that there is always room for improvement—whether in productivity, maintenance, longevity, user safety, or cost-effectiveness. Our research and development often lead to groundbreaking solutions that set new standards in the industry. MBW products enhance productivity, provide the safest tools in their class, address long-standing maintenance issues, and extend product lifespans. **Our mission is to offer equipment users significant, tangible value—clear reasons to choose MBW products.**



SCREEDS



TROWELS



ROLLER ATTACHMENTS



MIXERS



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