



**MBI**

# MARSH EXCAVATOR

## ME-271444



As the industry constantly develops and grows, we at Marsh Buggies Inc. pride ourselves on listening to our client's changing needs. Recently, clients from around the globe expressed a need for a smaller undercarriage and, as always, we listened. We are now proud to offer in our product line the Model ME-271444 Marsh Excavator.

Configured just like our present models, the excavator is removed

from its conventional undercarriage and mounted onto a turntable ring, manufactured at our Belle Chasse facility. The turntable ring is located between the pontoons and is connected by mating the two flange/separation plates on the turntable to the two flange/separation plates on the machine's main cross beams.

We are also proud to announce the new configuration of our planetary and motor assembly. The planetary and motor assembly is now located inside the pontoons, which allows it to be protected from the elements. It can be easily accessed via a manhole cover located on the inside of the pontoon walls or via a hatch cover on the top. This unit disassembles into three sections for ease of transportation.

The Model ME-271444 Marsh Excavator has been specifically designed to reduce operating costs by harnessing the power from the mounted excavator to propel the amphibious undercarriage. This configuration means that only one person is required to maneuver and operate the machine.

Like all of our equipment, the ME-271444 is completely amphibious and excels in conquering the harshest terrain. If this particular model is not the perfect fit, we pride ourselves on custom equipment and can manufacture similar undercarriages to accommodate excavators as small as 7 metric tons to as large as 50 metric tons.

### CAPACITIES

Gross Weight: 38,000 lbs.  
Net Weight: 21,000 lbs.  
Maximum Payload: 17,000 lbs.

### GROUND PRESSURE

1.8 to 2.15 lbs. per square inch

### SPEED

Land: 2.0 mph  
Water: 1.0 mph

### OVERALL DIMENSIONS

29' long x 14' wide x 5' high (undercarriage only).

### HYDRAULIC MOTORS AND DRIVE LINE

(2) Variable displacement motors driven through a planetary speed reducer.

### TRAVEL OPERATION

Hydraulic power is routed from the Excavator's track driveport to the amphibious track drive motors. Steering is obtained by the existing control levers located inside the Excavator's operator cab.

### PONTOONS

(2) 27' long x 4' wide x 4' high and constructed of hightensile alloy steel with four watertight compartments per pontoon.

### TRACK SYSTEM

(2) Chain strands per side of 4" pitch heavy duty marsh buggy chain connected to extra heavy duty forged aluminum alloy track cleats with a middle UHMW wear pad.

### FEATURES

- Two-strand track chain with middle wear pad support
- Disassembles into three pieces for ease of transporting and shipping
- Hydrostatic-driven track system with braking capabilities
- Extra high flotation, giving more versatility and safer water operation

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