



MBI

MARSH EXCAVATOR

ME-382166



We, at Marsh Buggies Inc. , have always anticipated and responded to the growing and changing requirements of the industry. Our clients from around the globe have expressed a need for larger and more powerful undercarriage, and we have listened. And delivered. We are proud to now offer in our product line the Model ME-382166 Marsh Excavator.

This new model is a much larger machine than the existing Marsh Excavator Models and is typically equipped with a 36 metric ton excavator.

Engineered for the most rugged demands, the excavator has been taken off its conventional undercarriage and mounted onto a turntable ring between the amphibious undercarriage that we manufacture at our facility. The planetary motor assembly is located inside the pontoon, protecting it from the elements. It is easily accessed through a manhole cover on the inside of the pontoon or via a hatch cover on top. The machine disassembles into three sections, minimizing its shipping width and facilitating transportation.

The Model ME-382166 Marsh Excavator has been specifically designed to reduce operating costs by harnessing 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 highly-versatile equipment, the ME-382166 is completely amphibious and excels in conquering the harshest terrain.

Similar custom-designed Marsh Excavators can be manufactured to accommodate excavators as small as 7 metric tons or as large as 50 metric tons.

CAPACITIES

Gross Weight: 140,000 lbs.
Net Weight: 75,500 lbs.
Maximum Payload: 65,500 lbs.

GROUND PRESSURE

1.8 TO 2.15 lbs. per sq. in.

SPEED

Land: 1.5 mph
Water: 1.0 mph

OVERALL DIMENSIONS

41' long x 21' wide x 6'-10" high (Undercarriage Dimensions).

HYDRAULIC MOTORS AND DRIVE LINE

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

TRAVEL OPERATION

Hydraulic power is routed from the Excavators' track drive port to the amphibious track drive motors. Steering is obtained by the existing control levers located inside the Excavators' operators cab.

PONTOONS

(2) 38' long x 6'-6" wide x 6' high and constructed of high tensile alloy steel with five watertight compartments per pontoon.

TRACK SYSTEM

(4) Chain strands per side of 4" pitch heavy duty marsh buggy chain connected to extra heavy duty forged 3.5" Aluminum Track Cleats with (3) U.H.M.W. wear pads per side.

FEATURES

- Disassembles into three pieces for ease of transporting and shipping
- Hydrostatic-driven track system
- Extra high flotation, giving more versatility and safer water operation