

# MOBITRAC<sup>®</sup> USA



## AMPHIBIOUS 5070



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**MOBITRAC aquatic plant harvester PROUDLY BUILT for the UNITED STATES of AMERICA.**

The MOBITRAC is an amphibious machine, engineered to be extremely versatile on land, water, eco-sensitive waterways and wetlands. MOBITRAC machines are currently being used in many industries and governments all over the world.

The MOBITRAC is incredibly maneuverable and its unique weight distribution design makes it possible to carry various weights on land and water. Allowing a single operator to comfortably and safely work in hard to access areas, such as retention ponds, wetlands, river embankments, and canals.

With an array of attachment tools for aquatic cutting, collecting, excavating and dredging- the MOBITRAC is equipped to do it all! It can also collect aquatic plants including floating, submerged and emergent weeds in waterways, as well as terrestrial weeds encroaching on the boundaries of waterways. With smart connector on its lift arm, changing tool attachments is quick and easy!

Approx.: 0 – 3 mile/h



# TECHNICAL FEATURES

**MOBITRAC AMPHIBIOUS 5070** is designed with all comfort in mind. Ergonomically luxury designed, adjustable driver seat and height adjustable armrests. Folding Sun/Rain cover protecting the driver. Double joystick operation, Left Joystick, for driving the MOBITRAC, and buttons to operate the cutter ON/OFF and REVERSE. Right Joystick, for lift/tilt of front arm, and buttons for weight distribution and horn. Allowing the driver to handle the machine smoothly.

## AMPHIBIOUS 5070

- Powerful Diesel engine, 3000 rpm, Final TIER 4, fuel consumption approx. 1 gal/h
- Hydraulically driven tracks
- Servo assisted Joysticks to lift the accessories in the front (lifting power Max: 550 lbs.), weight distribution (seat-engine compartment), to activate cutter bar and various other accessories
- Pontoons manufactured of saltwater resistant Aluminum
- Steel frames, hot dip galvanized
- Colored parts are powder coated

*The MOBITRAC is built under CE laws and regulations.*







## CUTTER BARS



### T-CUTTER BAR WITH DOUBLE SIDE CUTTING KNIVES

Cutting depth: approx. 0 – 2,4 ft.

Cutting width: approx. 7 ft.

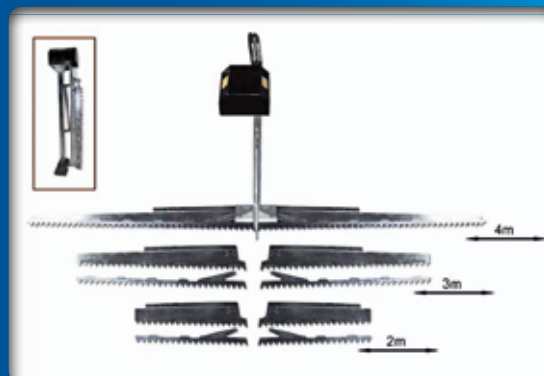
Suitable in reed beds and heavy vegetation, for in and above water.

### CUTTER BAR FOR WEEDS

Cutting depth: approx. 0 – 5 ft.

Cutting width: approx. 7 ft. up to 10 ft.

(13ft. up on request) Needs water for lubrication







## STANDARD RAKE

The standard Collecting rake can collect water plants, reeds, floating debris etc.

When equipped with a screen, the rake can pick up floating algae or small duckweeds.

Width: approx. 11 ft.

## BUCKETS

Buckets used with the excavator arm. These accessories are designed to work in a water environment.

Made of high tensile steel.

Capacity: approx. 7 gal, 13 gal.

Digging rake, Root knife, Clamshell bucket.



## EXCAVATOR ARM

The excavator can be attached to the front of the MOBITRAC. This way the combination becomes a floating excavator with unique possibilities.

Arm length: approx. 10 ft.

Working radius: approx. 20 ft.



## DREDGE PUMP



Standard dredge pump, depth approx. 8 ft. has a capacity of approx. 15.800 gal/h with its own engine. Mounted in the front of the lift arm on the MOBITRAC.

The hydraulic dredge pump (centrifugal open impeller) has a capacity of approx. 47.500 gal/h with a separate power pack. To be placed either in the front or back. The pump can be attached by chain to the lifting arm. Or to Excavator arm.



The Dredge pump is for sediment pumping, sucking the Sludge from the ground of the waterways. Pumping the sludge through the hoses.

## TRAILER

The trailer is specially designed for transporting the MOBITRAC amphibious Aquatic Plant Harvester machine in fast traffic and behind a standard car.

The chassis is manufactured of high tensile steel, strong but light in weight. Special ramps go with the trailer enabling the driver to get safely on or off the trailer. Permissible load for this trailer (picture) is approx. 5000 lbs.

Picture is just an example as this can be different than the trailer ordered by customer.



## TECHNICAL DATA OF TRAILER BED

Length:	approx. 16 ft.
Width:	approx. 84"
Total permissible weight:	approx. 5000lbs





# TECHNICAL FEATURES

Dimension/Weight	Length	Approx. 16 ft.
	Width	Approx. 7 ft.
	Height	Approx. 7 ft.
	Weight	Approx. 2650 lbs.
Flotation	Material Compartment	Aluminum, saltwater resistant 4 in total, 2 each pontoon
Superstructure	Operator area	Left joystick to operate the caterpillar drive tracks (forward/reverse, left/right) and operating the tools. Right joystick is handling the weight distribution, lifting and tilting of the front arm.
Power Packs / Tanks	Engine	Diesel Engine, Yanmar 3 cylinder, EPA approved, Final TIER 4, 27PS
	Diesel Tank	Approx. 8 gal.
	Hydraulic Tank	Approx. 18 gal.
Hydraulics overall		Double pump 2 x 21 CC Gear pump 8.2 CC or 11 CC Driving engines 2 x 160 CC Standard HV ISO 46 hydraulic oil (Panolin oil upon request only)
Accessories	Cutter bar for weeds, widths	Approx. 7 ft. 10 ft. 13 ft.
	Cutter bar for weeds, depth	Approx. 0 – 5 ft.
	Cutter bar double side cutting,	Approx. 7 ft.
	Rake Standard, width	Approx. 11 ft.
	Excavator arm	Arm length approx. 10 ft. Working diameter approx. 20 ft.
	Bucket	Approx. 7 gal. 13 gal. Digging rake, root knife Clamshell bucket.
	Dredge pump	MB-L 15.800 gal/h. depth 8ft. MB-H 47.500 gal/h (depth done by chain.)
	Dredge pump including	Hoses. 164 ft, with the pump MB-L
Propulsion	Caterpillar track pontoon	2 hydraulically driven tracks, Left/Right (Forward/Reverse)
	Speed	Approx.: 0 – 3 mile/h



Ask your local dealer for more information.



MOBITRAC USA LLC  
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