

# MOBITRAC



## AMPHIBIOUS 5070

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The most ecologically friendly machine built in Europe. To use for: the maintenance of nature preserved and sensitive areas.

The MOBITRAC AMPHIBIOUS 5070 is the latest model of our unique amphibious machines. Used in various locations, where more conventional machines it is difficult or nearly impossible to operate. The caterpillar designed, tracks make it possible for the machine to be operating in water and on land. Low ground pressure, allowing the machine, to drive over fairways on golf courses, or even drive in sensitive areas without harming the surroundings.

MOBITRAC AMPHIBIOUS 5070 is a machine with many advantages. A Basic machine can be equipped with a complete set of tools. The adjustable weight distribution system installed allowing you to adjust the platform easily for the various attachments. The caterpillars tracks mounted on the machine can be driven simultaneously, allowing you to operate in narrow areas and turn around the axis. When in contact with the bottom in shallow waters or driving on land, the paddles provide the perfect traction you need.

Approx.: 0 - 5 km/h

# TECHNICAL FEATURES

The MOBITRAC AMPHIBIOUS 5070 has been designed with all comfort in mind. The driver's seat is adjustable, forward/backward, armrests up/down, including a folding cover protecting the driver from sun or rain. The MOBITRAC is operated with two Joysticks. 1 joystick for steering, 1 joystick for operating the optional attachments. Allowing the driver to handle the machine smoothly.

## AMPHIBIOUS 5070

- Powerful Diesel engine, 3000 rpm, fuel consumption approx. 3 L/h
- Hydraulically driven tracks
- Servo assisted Joysticks to lift the accessories in the front (lifting power 250 kg), 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. 0.50 M

Cutting width: approx. 2.10 M

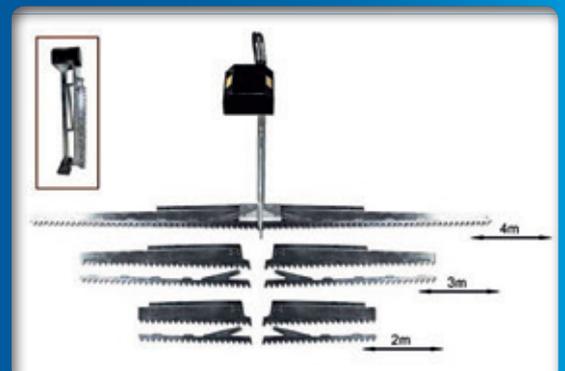
Suitable in reed beds and heavy vegetation, in and above water.

## CUTTER BAR FOR WEEDS

Cutting depth: approx. 0.50 M

Cutting width: approx. 2.00 M, 3.00 M, 4.00 M

(4 M up on request) Needs water for lubrication.





## STANDARD RAKE

The standard 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. 3.30 M

## BUCKETS

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

Made of high tensile steel.

Capacity: approx. 25 L, 49 L, digging rake or root knife.



## EXCAVATOR ARM

Having done various tests, the new model excavation arm, could be integrated in our sales plan. Several buckets are available.

Arm length: approx. 4.00 M, including the 25 L bucket.

Working Diameter: approx. 8.00 M





## DREDGE PUMP

Standard dredge pump, depth 2.40 M has a capacity of approx 60 M<sup>3</sup> per hour and has its own engine. Mounted in the front of the lift arm on the MOBITRAC.

The heavier pump (centrifugal open impeller) has a capacity of approx 130 m<sup>3</sup> per hour with a separate power pack 18 PS mounted on the back of the MOBITRAC. This power pack is removable. The pump is attached by chain to the lifting 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 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 is approx. 2.700 kg.

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



## TECHNICAL DATA OF THE TRAILER BED

Length:	approx. 490 - 520 cm
Width:	approx. 200 - 210 cm
Total permissible weight:	approx. 2.700 kg



# TECHNICAL FEATURES

Dimension/Weight	Length	Approx. 4.60 - 4.90 M
	Width	Approx. 2.00 - 2.10 M
	Height	Approx. 2.00 - 2.10 M
	Weight	1100 - 1400 kg
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, 27 PS
	Power Pack	18 PS
	Diesel Tank	33 Liter
	Hydraulic Tank	70 Liter
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. 2/3 and 4 M
	Cutter bar for weeds, depth	Approx. 0 - 1.50 M
	Cutter bar double side cutting,	Front, width approx. 2.10 M
	Rake Standard, width	Approx. 3.30 M
	Excavator arm	Arm length approx. 4 M Working diameter approx. 8 M
	Bucket	Approx. 25 L, 49 L, Digging rake and Root knife
	Dredge pump	MB-L 60 M3/p hour. depth 2.40 M MB-H 130 M3/p hour. depth done by chain.
Dredge pump including	Hoses. 50 M with the MB-L 60 Hoses. 300 M with the MB-H 130	
Propulsion	Caterpillar track pontoon	2 hydraulically driven tracks, Left/Right (Forward/Reverse)
	Speed	Approx 0 - 5 km/h



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