

MOBITRAC amphibian

To deal with the maintenance of various water areas as:

Shallow waters / Little
Canals or Ponds
On Golf courses, In
Parks Or Wetlands

MOBITRAC

This amphibious machine is the solution for you!

Machine of the Year 2010!



MOBITRAC THE AMPHIBIOUS SOLUTION

Multifunctional

harvester, excavator, dredging

Easy operation

smart tool connection and single person operation

Great maneuverability

in and out of water

Transportation

drives up and down the trailer pulled by a normal car



The Company

The company originally started in 1985. Since then the MOBARN group has been specializing themselves in developing machines for cleaning and the maintenance of the waterways. Such as in nature preserve areas, swamps, wetlands, ponds etc.

The group comprises two main activities that are intrinsically related: Development, i.e. manufacturing of specialized machinery and services.

Working closely with various waterdomes and having many years of experience in manufacturing and product development, have made it possible for MOBARN to produce award-winning equipment with good quality and outstanding performances.

All machines are being built with the newest CE marking.



The **MOBITRAC** is a multifunctional machine.

MOBITRAC is an amphibious machine that has many advantages. A basic machine can be equipped with a complete set of tools, such as; A T- or Side cutter, A Collecting rake, An Excavatorarm or even a Dredgepump.

No other machines, like a crane, are needed for loading or unloading into the water.

MOBITRAC drives up and down the trailer, turns easily around its own axle in water and is ideal for narrow areas.

The smart connector makes it easy to change tools. This makes it possible for the **MOBITRAC** to work as a harvester, collector, excavator and dredger. The weight distribution makes it possible to carry various weights on land and in water.

MOBITRAC can be operated by one single person. Less operation costs, Less damage to surroundings etc.



Technical information

MOBITRAC 30 & 40:

Dimensions and weight

Length	15'4 FT	4.75M
Width	6'9 FT	2.10M
Height	6'9 FT	2.10M
Weight	2,799 lbs	1.270kg

Engines water cooled, Environment class Euro 2

Lombardini 3 cylinder	27.2 HP
Lombardini 4 cylinder	35.2 HP
Yanmar 3 cylinder	30.6 HP

Hydraulics

Driving pumps	2 x 21cc
Driving engines	2 x 160cc
Pump for accessories	6cc , 8.5cc or 11cc
Hydraulic tank	60 ltr
POWERLIMITER	

Electric system

Generator and battery 45 ampere

Material

Pontoons manufactured of saltwater proof aluminum.
Steel construction is galvanized



Propulsion

Caterpillar tracked pontoon with paddles
2 hydraulically driven, independently operated,
reversible

Floatation

Draft while floating 15,7" 40CM

Pontoons made of Salt resisting Aluminum
4 Compartments, watertight



Lift arm with easy connecting device

Lifting Capacity max 551 lbs 250 kg

Option here would be a longer lift arm



Optional



Operator's Console

1 joystick, operate caterpillar pontoons (forward, reverse, left/right)

3 handles or joystick, hydraulically operate the various tools and weight distribution

****Option double joystick****

Additional Equipment upon request

- Work lightings
- Wind Cabin
- Choice of Seat ****
- Heater in Seat ****



RAKES

Collecting Rake 11.5 FT 3.50 M

Also available with springing pins different width than the rake above.

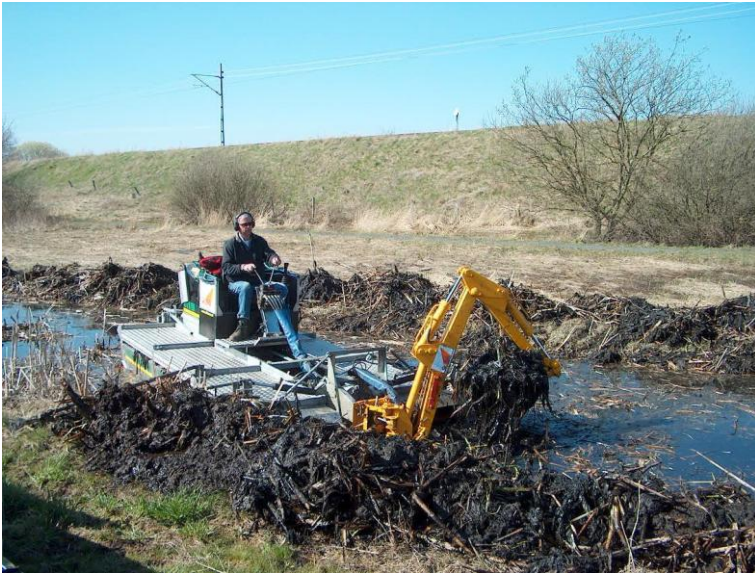
The rake can be completed with a wide range of strain plates for collecting rubbish, algae and absorbs (oil cleaning)

Cutters

Cutter for weeds width 6,9" / 13.13 FT 2.10/4.0 M
Cutter for weeds depth 0 - 4.9 FT 0 - 1.50 M



Optional



The excavator

When attached to the MOBITRAC, the combination becomes a floating excavator with unique possibilities.

Now the MOBITRAC excavator is well adapted for cleaning inflow and outflows to lakes, digging works in canals, ditches, around bridges, cable digging etc.

The excavator-arm is regulated from the driver seat with two coordinate levers placed on a middle bracket that can easily be adapted.

Excavator with various buckets

Digging radius	19.68 FT	6.00M
Digging depth	7,70 FT	2.20M

Weight arm	551lbs	250 kg
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Valve packet with 2 coordinate levers for turn, lift, bucket and bar.

The excavator is delivered with a 30 liter bucket .

Also available as a light version (496lbs or 225kg)



ACCESSORIES

Bucket 50 l	width	1.9 FT	60CM
Root knife	length	1.9 FT	60CM
Digging rake	width	2.9 FT	90CM

Optional



Dredge pump for sediment pumping.

Upon request a feeding screw can be added to the front of the pump. This device loosens the bottom to give the pump an even flow of sediment. This is only used when exactly know what kind of material is to be dredged.

When the sediments are light and soft it may be wise to discuss the type of pump.

The pump can be regulated from a start panel which will be mounted near the driver's seat.

TECHNICAL INFORMATION UPON REQUEST



The MOBITRAC can easily be driven onto a trailer.

By using the ramps of the trailer, the height of the trailer can be overcome. The trailer can be pulled with a regular car. (Fast traffic)

As you can drive to the site yourself, most of the time, NO extra help is needed to get started. It is Men friendly to use and low in operational costs.

MORE INFORMATION ABOUT A TRAILER upon REQUEST

Possible

- DEMO
- SALES

Optional

- LEASE

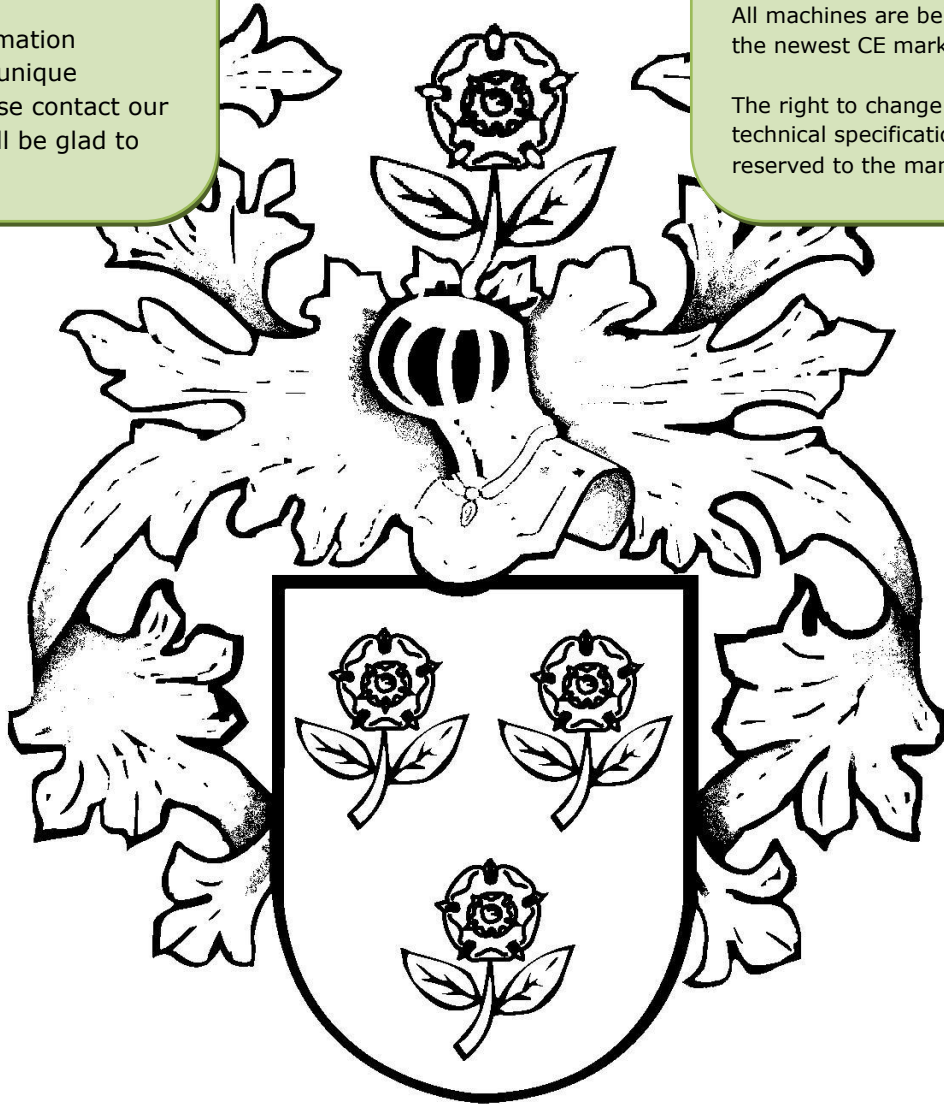
For more information regarding this unique machine, please contact our office as we will be glad to help you.

More INFORMATION or CD

Your CD and brochure are for free! On our website you will find more information about our other machines and products.

All machines are being built with the newest CE marking.

The right to change any technical specifications is reserved to the manufacturer .



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