



2014

MOVING BOATS



Combi Series

The MFB Combi has been designed and constructed principally as a weedcutting boat but with the facility to carry out many other tasks associated with waterway maintenance. The front mounted, hydraulic telescopic arm, capable of rotating through 210 degrees, is designed to carry a varied range of accessories including both a Tee front cutter and a bank mowing attachment, a weed rake, a hedge cutter, a roto-milling attachment, a compact dredging grab and a flail mower.

The high quality operator's seat incorporates separate joysticks which control all the major functions. Propulsion, forward and backwards, is controlled by double foot pedals. This area of the hull is shielded from the engine compartment by a full height waterproof bulkhead and is lined with aluminium panels to protect the operator in the event of a ruptured hydraulic hose, etc. An electronic control panel indicates all the performance characteristics of the diesel engine plus fuel level, hydraulic pressure and temperature gauges. The ignition control switch and the emergency stop button are ergonomically placed.

The engine compartment is fully insulated to maintain acceptable noise levels both for the operator and the surrounding community.

Watertight aluminium and steel panels avoid rainwater damage and protect the boat against vandalism. The covers are automatically raised, for ventilation and exhaust gases, once the ignition switch is activated. Outside of the cutting period, these covers allow the boat to be used to carry items used for maintenance work on the waterways.

The standard propulsion system is by means of double helical augers which can be raised out of the water for removal of rubbish. This weedcutting boat can virtually turn in its own length with this twin auger design.

One man operation of an extremely versatile boat!

Model	Engine HP	Max work. depth mm.	Max work. width mm.	Max length mm.	Weight Kgs	Floating cm.	CE
Combi 180	65	2500	2400	5700	2650	35	yes



Features

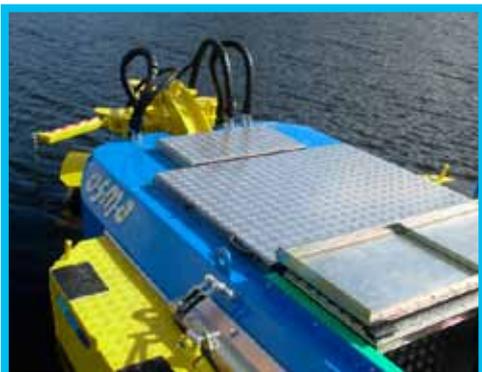
The twin auger installation has a hydraulic booster circuit which allows the boat to travel faster when not actually cutting weed.



Electronic control panel in operator compartment



Lifting attachment showing watertight antivandalcovers and optional buoyancy tanks



The telescopic hydraulic arm offers an excellent outreach and a dump, height of approx. 4 metres when used with the weed rake attachment.



Operator's position showing joystick controls



Double propulsion screws, hydraulically driven and with hydraulic lifting



Equipment

Model	Description	
FF125	ROTOVATOR ACQUATIC CUTTER	
BFT/H	CUTTER EDGE "T" BAR 180x120	
BFL 150	CUTTER EDGE BAR FOR BANK OF THE RIVER	
TE 80 DL	FLAIL MOWER	

Equipment

Model	Description	
PNZ 100	Log grapples	
TR 130	CUTTER EDGE BAR (9 CM.MAX CUT SIZE)	
FA180	RAKE FORK	
	2 Bouyancy tank (suggested if you plan to lift heavy weight with the rake fork often)	

S1F Series

The roto milling boats OSMA, S1F series are boats used to guide maintenance of canals and watercourses.

The S1F is suitable for milling of the riverbed. This type of processing, can weed out all the aquatic plants that are present on the bottom, also greatly reduces the presence of debris, sediment, and more. The water level, therefore, can be constantly monitored, since the work of milling lowers considerably the bed of the channel, causing the water has better drainage, especially during heavy rains and the mass of water increases dramatically.

In these cases, the presence of a bumpy surface and is obstructed so that the water has other outlets, thus making the bed of the overflow channel, causing flooding.

The series is S1F, above, also used in agriculture, in times where you need to remove the water from watercourses, to water the crops. In some cases are also used simply to provide strengthening to the flora and fauna in the channels, because the action of milling, causes the water to oxygenate lathes, thus avoiding stagnation.

The S1F series is equipped with a cutter front, with reversible rotation, on which are fixed knives which serve eradication of all herbs and milling of the fund. In the rear part is located the propulsion unit with special design (cochlea), and a special blade system under the canopy of the helix, the herbs in flotation that could go in the helix, are destroyed.

The motor boat also has the operator compartment and engine compartment completely independent from each other, because the safety of the operator, it also all hoses are protected by special casing, which in case of accidental explosion, protect the operator from hydraulic oil coming out. The motorboat is propelled by hydrostatic hydraulic system, the directionality is given by the propeller unit which, thanks to a cylinder hydraulic system moves the bow in the direction chosen.

Model	Engine HP	Max work. depth mm.	Max work. width mm.	Max lenght mm.	Weigth Kgs	Floating mm.	CE
S1F 150	45	1700	1500	4900	1600	30-35cm.	Yes
S1F 180	60	2000	1800	5700	1950	30-35cm.	Yes
S1F 220	75	2500	2200	6800	2750	35-38cm	Yes

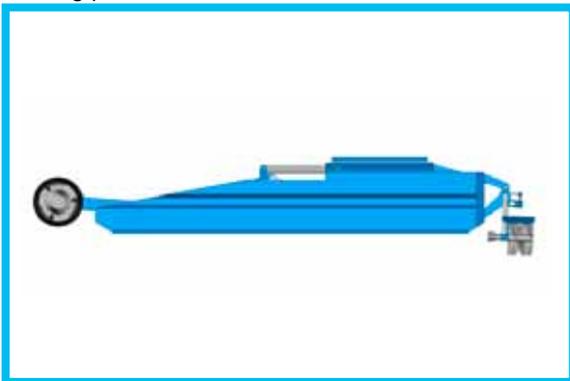


Features

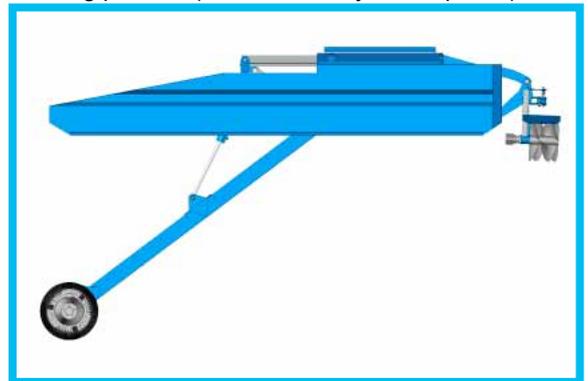
OPTIONALS:

Anti vandals cover for driver compartment	€.2.400,00
Water electric vacuum pump	€.980,00
Hosting chain (used to load and un-load the boat)	€.930,00

Starting position



Working position (variable with hydraulic piston)



Frontal hydraulic mulcher



Auger - 1 or 2 according to the model



Dashboard



Normal truck for transport

