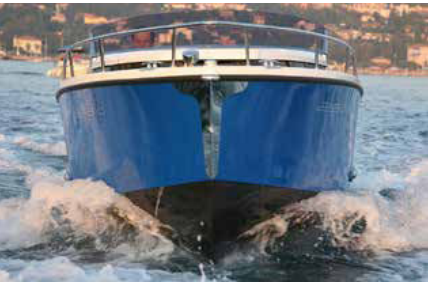
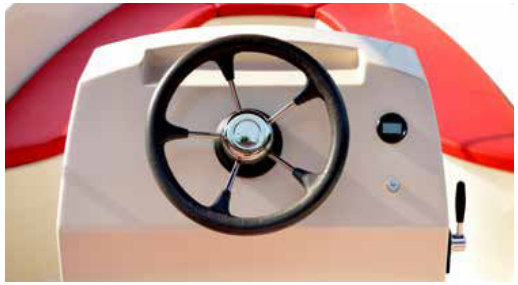
Outboard motors

Benefits

- Unique efficiency
- Max. smooth running
- Flow-optimized drive enclosure with a minimum drag and optimal flow conditions at the motor housing and propeller
- Clean solution
- Permanent useable for salt- and sweet water through the use of an seawater-resistant aluminium alloy





Model overview

Model	A10e	A20e	A30e	A41e	A80e	A100e	A110e	A150e	A200e	A250e
Output power	1.000 W	2.000 W	3.000 W	4.100 W	8.000 W	10.000 W	11.000 W	15.000 W	20.000 W	25.000 W
Input power	1.090 W	2.180 W	3.260 W	4.450 W	8.690 W	10.870 W	11.950 W	16.300 W	21.690 W	27.080 W
Efficiency	92 %	92 %	92 %	92 %	92 %	92 %	92 %	92 %	92 %	92 %
Voltage	24 V	24 V	36 V	48 V	48 V	72 V	48 V	48 V	96 V	96 V
Current	45 A	87 A	89 A	93 A	178 A	151 A	249 A	339 A	225 A	281 A
Weight	19 kg	27 kg	28 kg	29 kg	42 kg	44 kg	55 kg	56 kg	58 kg	59 kg
Motor type	sensorless AC-motor									
Suspension	with star nubs and optional fixed screwed									
Trim mechanism	4-steps adjustable by hand									
Warranty	2 years									

Serial components

Battery cables

Battery monitor

Leaver

Key switch

Motor controller

Optional

Full-Color bordcomputer

Suspension for fix mounting

CONNECTION FOR MONO-CABLE-STEERING SYSTEM

The connection is made for a rope steering as standard.

Additional the installation kit for the mono-cable-steering system which is also useable for a hydraulic steering can be added.

As a consequence the motor is useable for every steering system.

HIGH-ADJUSTABLE SHAFT

The shaft of Aquamot outboard motors isn´t profiled purposely. The reason is the streaming speed at the eddy is roughly zero.

It is more important in our opinion for having the right immersion depth.

This can be achieved easily with the high-adjustable shaft.

SUSPENSION WITH TILTING AND STOW MECHANISM

The robust suspension is made from seawater resistant aluminum. So you can put the motor four-step in the correct position for optimal propulsion.

Optional you can tilt the motor permanent with a tilting leaver.

OPTIMIZED ANTI-CAVITATIONS PLATE

The anti-cavitations plate prevent the air-drawing of the propeller and therefore it is needed a minimum immersion depth.

INTEGRATED ANODE PREVENTS CORROSION

The anode is integrated in the motor system and prevents the corrosion at the housing.

SOLID, FLOW-OPTIMIZED HOUSING

The housing is cast of a seawater resistant aluminum alloy. The result is a remarkable robustness.

In addition the motor is painted with a 6- layers coating which projects against fouling and corrosions.

FLOW-OPTIMIZED FIN

The boat can be also steered very well through this fin during the propeller doesn´t operate. Therefore it isn´t necessary to use additional rudder blades.

Furthermore the fin has a predetermined breaking point for break down when the motor touch on the ground.

MULTI-DIMENSIONAL OPTIMIZED PROPELLER AT A SOLID MOTOR SHAFT

This solid brazen propeller is used in professional shipping and gives you max. thrust.

HIGHLY-EFFICIENT MOTOR

The main part of the electric propulsion is inside the housing. The motor with a low rpm turns the propeller through a solid shaft of stainless steel directly without a gearbox.