

# **AQS**

**AQUASPIRIT**



UKRAINIAN SHIPBUILDING COMPANY



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## ABOUT COMPANY

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“Aquaspirit” is a Ukrainian shipbuilding company specializing in the production of high-quality aluminum boats for military and special purposes. Our mission is to strengthen the combat capabilities of Ukrainian defenders by creating reliable equipment that meets the modern challenges of war. We offer comprehensive solutions — from engines and electronics to specialized options tailored to current military needs and customer requests.

All Aquaspirit boats are built by professionals using advanced equipment and undergo extreme testing to meet the highest reliability standards. Superior quality and safety are our absolute priorities: our boats are certified and codified by the Ministry of Defense of Ukraine in accordance with NATO standards.

With over six years of experience, we are capable of delivering even the most complex projects. Today, our boats are successfully operated by the National Police of Ukraine, special units of the Armed Forces of Ukraine, as well as emergency response and law enforcement services in other European countries.

**AQUASPIRIT**

# S700HD

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The S700HD model boat is designed for amphibious assault, raid, patrol, and rescue operations that require speed, agility, and rapid deployment. It ensures an enhanced level of crew safety during missions at sea, in large bays, estuaries, lakes, and rivers, where conditions may include winds up to force 6 and waves up to 2 meters high. The boat falls under Category “C”.

This model is equipped with a D-shaped semi-inflatable tube, which maintains buoyancy even if the collar is damaged — the boat remains operable even without it. The S700HD can reach speeds of up to 90 km/h, allowing it to maneuver around obstacles, take sharp turns, and maintain a speed reserve when needed.

The model can be configured to meet specific mission requirements and operating conditions — including a turret, mount for electronic warfare systems, engine protection arch, fishfinder, trailer, and more.







#### S700HD TECHNICAL SPECIFICATIONS

Length o.a	6,99 m
Width o.a	2,85 m
Draft	0,5 m
Passenger capacity	11 ppl
Maximum engine power	300 hp
Speed with 300 hp engine	90 km/h
Engine shaft length	25"/635mm (XL)
Fuel tank capacity	300 liters
Bare weight	1160 kg
Payload *without passengers	1602 kg
Maximum load	1031 kg
Loaded displacement mass	2890 kg
Hull material	EN AW 5083 H111 (AlMg5)
Boat category	C

# S585HD

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The S585HD is a versatile aluminum boat with a D-shaped tube and full hull, designed for amphibious assault, raid, rescue, patrol, and transport missions. With a draft of just 0.43 meters, it can approach shorelines at minimal depth, enabling efficient troop landings of up to 8 personnel.

This boat is ideally suited for units of the Navy, Defense Intelligence (HUR), Air Assault Forces (DSHV), Special Operations Forces (SSO), and Support and Logistics Forces of the Armed Forces of Ukraine. Its removable collar system allows for quick replacement in field conditions without the need for special equipment or training. Compared to traditional RIBs, the S585HD offers increased internal space, significantly enhancing operational functionality.

The boat remains operational even if the collar is damaged, performs reliably in waves up to 2 meters (Category “C”), and can be further equipped with mission-specific features such as a turret, mount for electronic warfare systems, engine protection arch, fishfinder, trailer, and more.







#### S585HD TECHNICAL SPECIFICATIONS

Length o.a	5,88 m
Width o.a	2,55 m
Draft	0,43m
Passenger capacity	8 ppl
Maximum engine power	150 hp
Speed with 150 hp engine	90 km/h
Engine shaft length	25"/635mm (XL)
Fuel tank capacity	132 liters
Bare weight (CC/DC)	744/763 kg
Payload *without passengers (CC/DC)	1095/1114 kg
Maximum load (CC/DC)	667/648 kg
Loaded displacement mass (CC/DC)	1854 kg
Hull material	EN AW 5083 H111 (AlMg5)
Boat category	C

# S530HD

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S530HD is a 5.3-meter boat featuring a spacious cockpit, seaworthy hull, and excellent speed and handling performance with engines ranging from 70 to 100 hp. The boat is equipped with a reinforced hull and can be customized to meet the customer's specific needs.

This design enhances crew safety and maintains stability in challenging conditions. S530HD offers optimal maneuverability and exceptional stability and in waves. This model is successfully used in rescue and law enforcement operations.







#### S530HD TECHNICAL SPECIFICATIONS

Length o.a	5,3 m
Width o.a	2,31 m
Draft	0,37 m
Passenger capacity	7 ppl
Maximum engine power	100 hp
Speed with 100 hp engine	78 km/h
Engine shaft length	20"/508 mm (L)
Fuel tank capacity	62 liters
Bare weight	389 kg
Payload *without passengers	642 kg
Maximum load	1000 kg
Loaded displacement mass	1538 kg
Hull material	EN AW 5083 H111 (AlMg5)
Boat category	C

# S450HD

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The S450HD is a versatile, lightweight RIB-class boat engineered for professional military use in challenging environments. Weighing only 175.5 kg, it offers an impressive payload capacity of up to 850 kg. With a draft of just 0.3 meters, the boat can land on virtually any shoreline, enabling rapid deployment in diverse coastal conditions.

This model features high-speed performance, exceptional maneuverability, and can easily plane even when fully loaded with up to 9 personnel — allowing it to swiftly navigate dangerous areas during missions. The S450HD is light enough to be carried manually across land, equipped with a perimeter handle system for easy transport.

The inflatable tube can be filled with a lightweight buoyant material, preventing the boat from sinking even if all tube compartments are punctured.

Optional upgrades include a mount for electronic warfare systems, fishfinder, trailer, and more. The design also accommodates up to four soft fuel tanks, which can be included in the standard equipment set.







#### S450HD TECHNICAL SPECIFICATIONS

Length o.a	4,42 m
Width o.a	2,14 m
Draft	0,3 m
Passenger capacity	6 ppl
Maximum engine power	75 hp
Speed with 75 HP engine	70 km/h
Engine shaft length	20"/508mm (L)
Fuel tank capacity (optional)	22,3-42 liters
Bare weight	212 kg
Payload *without passengers	390 kg
Maximum load	792 kg
Loaded displacement mass	981 kg
Hull material	EN AW 5083 H111 (AlMg5)
Boat category	C

# F470HD

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This inflatable boat is specifically designed to meet the needs of military operations, intended for reconnaissance, sabotage, amphibious landing, and evacuation missions that require rapid and stealthy deployment without the use of a trailer, as well as high speed and maneuverability on water.

Equipped with removable floorboards (payols) that add rigidity on water, combined with soft tube and keel materials, the boat can be quickly deployed into operational condition and just as swiftly packed into a transport bag. Weighing only 114 kg, it requires no trailer for transportation and can be easily concealed during shoreline operations.

The transom and floorboards are made from aluminum, ensuring both durability and light weight. This boat is ideally suited for units of the Navy, Defense Intelligence (HUR), Air Assault Forces (DSHV), and Special Operations Forces (SSO).







#### F470HD TECHNICAL SPECIFICATIONS

Length o.a	4,70 m
Width o.a	1,92 m
Draft	0,33 m
Number of hull compartments	5
Passenger capacity	10 ppl
Maximum engine power	60 hp
Speed with 50 HP engine	51 km/h
Engine shaft length	20"/508 mm (L)
Bare weight	114 kg
Payload *without passengers	330 kg
Maximum load	1120 kg
Loaded displacement mass	1450 kg
Hull material	EN AW 5083 H111 (AlMg5)
Boat category	C

# A600HD

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The A600HD is a multipurpose workboat that serves as an excellent platform for rescue and transport operations. With a draft of only 0.2 meters, its full-metal aluminum hull allows it to navigate in hard-to-reach areas such as marshes, branches, rocky bottoms, and even beach itself, allowing it to approach evacuation or ammunition unloading points closely.

The boat's advantages include the capacity to carry 12 fully equipped people. Its high payload capacity (1700 kg) and spacious cockpit make it suitable for transporting bulky cargo. The low freeboard and expanded bow platform enable rapid disembarkation and embarkation (loading and unloading), even in extreme conditions.







#### A600HD TECHNICAL SPECIFICATIONS

Length o.a	5,86 m
Width o.a	2,13 m
Draft	0,2 m
Passenger capacity	12 ppl
Maximum engine power	115 hp
Speed with 115 hp engine (2 people)	69 km/h
Speed with 115 hp engine(max load)	20,7 km/h
Engine shaft length	20"/508mm (L)
Fuel tank capacity (optional)	42-150 liters
Bare weight	501,5 kg
Payload *without passengers	738,5 kg
Maximum load	1700 kg
Loaded displacement mass	2438,5 kg
Hull material	EN AW 5083 H111 (AlMg5)
Buoyancy block fill	Polyurethane Foam
Boat category	D

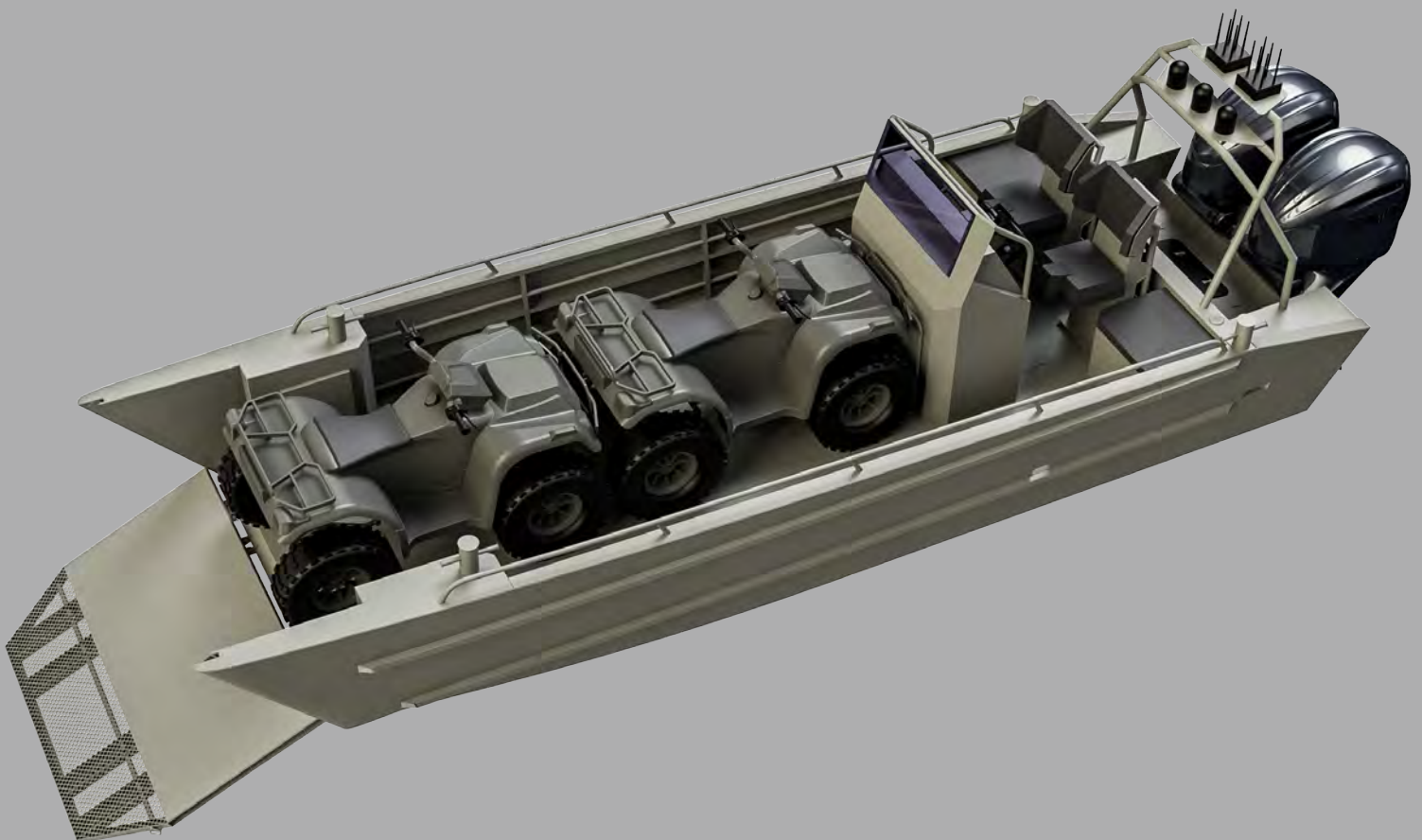
# A700HD

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Model A700HD is a versatile, high-speed aluminum boat, perfectly suited for transporting various types of cargo — from small vehicles to materials or a landing team. Its spacious cockpit and wide bow ramp make loading and unloading significantly easier.

The boat features a fully welded hull made from aluminum alloy and a reinforced structure, allowing it to withstand impacts and aggressively land on shores without issue.

The model offers exceptional stability and high performance, and when paired with a 300-horsepower engine, it can reach speeds of up to 85 km/h. In addition, the boat boasts impressive load capacity, capable of carrying up to 1.7 tons of extra weight. A700HD can be configured in several versions: with an unmanned control system or a skipper-operated console, and, if necessary, equipped with additional gear according to its intended use and specific requirements.







#### A700HD TECHNICAL SPECIFICATIONS

Length o.a	6,99 m
Width o.a	2,5 m
Draft	0,26 m
Maximum engine power	300 hp
Speed with 300 hp engine ( 1700 kg)	85 km/h
Speed with 300 hp engine ( 3500 kg)	45 κkm/h
Planing speed	40 km/h
Engine shaft length	25"/(XL)/635 mm
Fuel tank capacity (optional)	300 L
Bare weight	1000 kg
Payload *without passengers	1800 kg
Maximum load	1700 kg
Loaded displacement mass	3500 kg
Hull material	EN AW 5083 H111
Boat category	C

# A850HD

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In today's world, the demand for fast access to remote areas and the transportation of cargo or oversized equipment is constantly increasing. For such tasks, an aluminum landing craft offers the perfect solution for delivering supplies or small vehicles to hard-to-reach locations.

The A850HD is a high-speed, heavy-duty aluminum workboat, distinguished by its automatic bow ramp, which significantly simplifies loading and unloading operations. Built from a durable aluminum alloy, the vessel features a robust structure capable of withstanding heavy loads and impacts without compromise.

This model can be configured in several versions: with an unmanned control system or a skipper-operated console. There is also a modification with an enclosed cabin for protection against external factors.

The model features excellent hydrodynamic performance and is perfectly suited for rapid transport, military operations, patrol duties, police work, and more.

*\*drone version for unmanned missions*







#### A850HD TECHNICAL SPECIFICATIONS

Length o.a	8,49 m
Width o.a	3 m
Draft	0,34 m
Maximum engine power	500 hp
Speed with 500 hp engine(max load)	75 km/h
Planing speed	40 km/h
Engine shaft length	25"/(XL)635 mm
Fuel tank capacity	378 L
Maximum load	2268 kg
Bare weight	1800 kg
Loaded displacement mass	2812 kg
Hull material	EN AW 5083 H111
Boat category	C



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