



Yachting Solutions
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Sealegs 9.0M Hydrasol RIB

Boat Type: Rigid Inflatable Boat (RIB)



OVERVIEW

The 9.0m Hydrasol RIB is the largest amphibious RIB ever produced, and is a dream for anyone needing a large platform for their adventures. The 9.0m Hydrasol RIB comes in at 9m long, with massive space in front of the console, along the tubes and on either side of the Sealegs inboard engine box.

Add additional seating behind the console pedestal seats with an auxiliary bench seat, or choose to give yourself more space instead. The 9.0m Hydrasol RIB is perfect as a dive boat or fishing craft - or as the workhorse for family excursions. Fit surfboards, paddle-boards and more along the deck under the tube - the only limit is your imagination.

The Benefits

- Single handed operation. Gives one person the freedom to launch their boat by themselves, when they want
- Immediate access to and from the water — no waiting, backing trailers, winching or parking
- Embarking and disembarking no longer means getting wet
- Children can safely be in the boat at all times thereby avoiding possible accidents

- More time on the water, less time spent getting in and out of water
- The ability to explore places inaccessible in a traditional boat
- Greater use of your investment

SPECIFICATIONS

Basic Information

Manufacturer:	Sealegs	Boat Type:	Rigid Inflatable Boat (RIB)
Model:	9.0M Hydrasol RIB	Hull Material:	
Year:	2018	Hull Type:	
Category:	Power		

Dimensions & Weight

Length:	30.00 ft	Draft - max:	1 ft 4 in - 0.41 meter
LOA:	30 ft - 9.14 meter	Bridge Clearance:	-
Beam:	10 ft 3 in - 3.12 meter	Dry Weight:	4938 ft
Deadrise Aft:	23.00 °		

Tank Capacities

Fuel Tank:	-	Holding Tank:	-
Fresh Water Tank:	-		

Accommodations

Total Cabins:	-	Crew Cabins:	-
Total Berths:	-	Crew Berths:	-
Total Sleeps:	-	Crew Sleeps:	-
Total Heads:	-	Crew Heads:	-
Captains Cabin:	No		

FEATURES

Craft Features

Each Sealegs craft is powered by Sealegs patented Amphibious Enablement System, or AES. The AES, including a fully marinised system of hydraulically powered legs and wheels, is powered by a marinised 35HP inboard engine. This allows the craft to travel for up to 30 minutes within every hour at 7.5kph on land.

?The fully integrated, turn-key package uses the same fuel source as the outboard, and is simple to learn and engage. Over time, the AES technology has improved to allow owners more freedom to use their Sealegs amphibious craft.

All Wheel Drive (AWD)

All Sealegs craft come standard with All Wheel Drive (AWD). Both the front wheel and rear wheels have their own

wheel motor. This allows for maximum traction and terrain capability when encountering beach inclines of soft sand, shell, shingle and/or pebbles.

AWD greatly increase the maneuverability of Sealegs craft, but if further traction is required, reducing the pressure in tires can further increase traction in difficult terrain. Finally, diff-lock is available as an option to augment the functionality of AWD.

The diff-lock option allows operators to force all wheels to turn in unison, regardless of traction (or lack thereof) available to all wheels. This, combined with AWD, will allow a Sealegs craft to overcome more extreme conditions.

Automatic Braking System (ABS)

The Automatic Braking System (ABS) is an exceptional safety feature that comes standard on all Sealegs craft. ABS is a land-based mechanical brake within the rear drive motors which automatically activates when:

1. the craft is parked and the inboard motor is turned off OR
2. in the unlikely event of a hydraulic transmission failure OR
3. if the operator activates the emergency stop button on the console*

To support these enhanced safety features, the leg assemblies have been redesigned for greater strength and fitted with specifically designed hubs and bearings.

In the interests of safety, we have engineered the system so that it can be retrofitted to most of the existing Sealegs customer fleet, so if you own a Sealegs without ABS and would like this system fitted, please feel free to contact us.

Extended Run Time (XRT)

All Sealegs craft come standard with the Extended Run Time (XRT) feature. XRT allows users to run the inboard engine for far longer continuous periods than was previously possible, meaning that the range of Sealegs craft from the water's edge is much greater. Using innovative cooling technology, users can drive on land for up to 30 minutes every hour. At 7.5kph, this provides a terrestrial range of 3.75km.

	no XRT	w/ XRT
Runtime	10 mins / hr	30mins / hr

XRT Features include:

- Fan-assisted hydraulic oil cooling - a high performance fan has been fitted to help reduce engine box and exit air temperature.
- Hydraulic hot flush valve - sends hot transmission oil to the oil tank and replaces it with cooler filtered oil.
- High temperature warning - warning lights on the dash panel and a buzzer alarm alert the operator if the hydraulic system is overheating.
- Additional 45 amp alternator - an extra alternator allows for greater battery charging as well as the ability to run additional electronics.

All of the components required to bring the XRT system to all Sealegs have been chosen to ensure that they are light-weight and durable in the marine environment. This was all done without increasing the size of the engine box.

With the XRT package, Sealegs International warrants a run-time on land of 30 minutes every hour, with an annual

recreational use of 100 land return trips (to a maximum of 20 hours total use).

Power Steering (PS)

The Sealegs Power Steering (PS) system comes fitted with high pressure hydraulic hoses and fittings which result in an easier effort at the wheel - even when under heavy load. In the unlikely event of a failure in the electric power steering pump, the system automatically reverts back to standard manual hydraulic steering.

Power Steering combines fantastically well with the Sealegs AWD system, making new Sealegs craft a pleasure to operate.

PS Features include:

- Fingertip steering control
- High pressure and grade hydraulic hoses
- Works well with Sealegs AWD system
- Manual hydraulic steering backup in the unlikely event of pump failure
- Comes with on/off switch on console for stiffer outboard control on water.

Sealegs Power Steering uses an electric hydraulic pump to provide extra pressure to the steering system. This provides the operator with fingertip control at the steering wheel for a more enjoyable experience with far less effort. The Power Steering system makes three point turns and maneuvering in tight areas a dream.

Enhanced Power Steering (EPS)

Enhanced Power Steering, or EPS, is Sealegs new proprietary steering system. EPS uses smart PLC and magnetic sensor technology to provide a smooth, seamless amphibious experience.

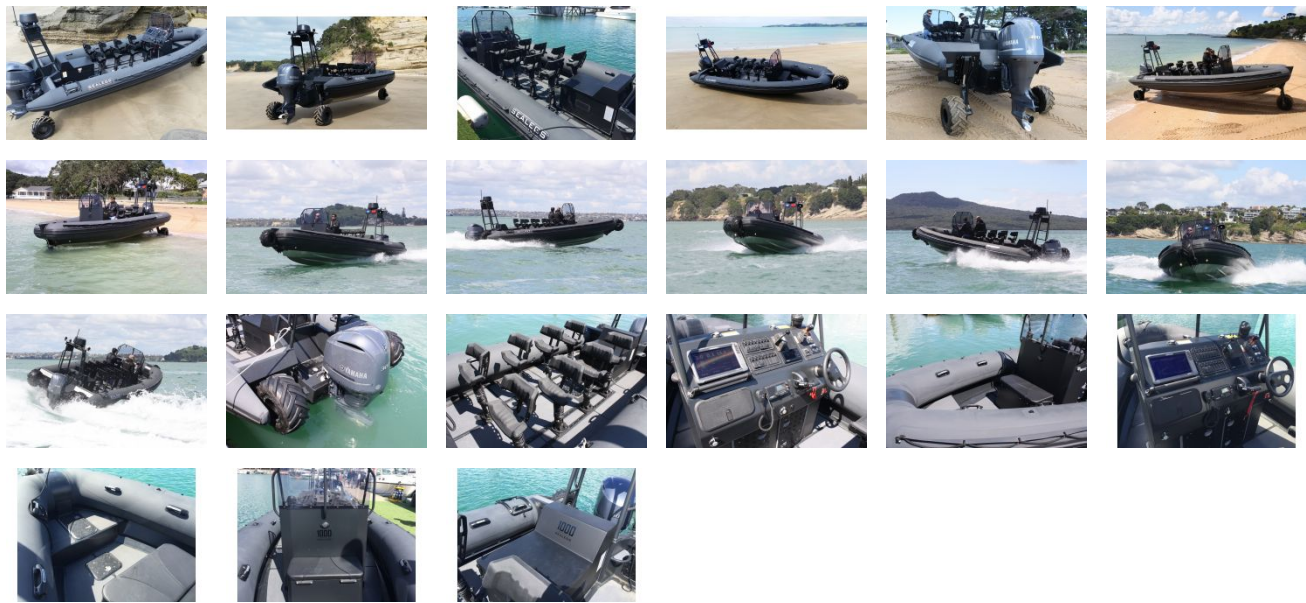
While operating a Sealegs craft with EPS on water the bow wheel remains central, but when the craft switches to land operation wheel steering locks in. During the transition, EPS ensures wheel alignment is central. This ensures perfect steering alignment on demand and ideal function during transition – all automatically.

In the unlikely event of a malfunction, EPS includes an emergency steering system, ensuring operation can be completed for repair.

EPS represents the next step in amphibious craft operation and embodies the spirit of Sealegs craft – less hassle, more fun.

EPS is standard on all 9m craft and will be made available as an option on other craft.

GALLERY



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