Search And Rescue Hovercraft

The IH-Series



Ivanoff HOVERCRAFT

hovercraft.eu



SCAN ME

IH-3 Demo Video

IH-3

The IH-3 Hovercraft is a compact amphibious vehicle designed to operate on water, ice, snow, mud, and other difficult surfaces. Developed by us at Ivanoff Hovercraft AB, it is suitable for recreational, transport, rescue, and inspection applications.
The craft uses a lightweight composite hull made from materials such as Kevlar, carbon fibre, and epoxy resin, providing high strength while keeping the weight low.





Specifications

Length: **4,34 m**
Width: **2.32 m**
Hover height: **0.25 m**
Dry weight: **320 kg**
Thrust duct: **1.10 m**
Lift duct: **0.63 m**
Hull: Fiberglass reinforced epoxi with kevlar/carbon reinforced bottom
built-in flotation (500 liters)
Max payload: **350 kg**
Top speed: **Ice 40 knots, Water 25 knots**
Cruise speed: **Ice 30 knots, Water 20 knots**
Fueltank: **40 liters**
Thrust-engine: **Vanguard 4 stroke, 2 cyl. injection, 40 hp**
Lift-engine: **Briggs & Stratton 4 stroke, 1 cyl, 18 hp**
Fuel consumption: **6-12 l/h (0.3-0,8 l/nm)**

Standard features: Navigation lights, beacon light, & fire-extinguisher.

Optional features: Head lights, Searchlight, GPS, Intercom, AIS, VHF radio, Hover-on/off trailer and storage-cover



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IH-6 Open Video

IH-6 Open Offshore

The IH-6 Open Rescue Hovercraft is built for rapid, reliable response in the toughest environments. Operating effortlessly over water, ice, mud, sand, and flooded terrain, it reaches casualties where conventional rescue vehicles cannot. Its open-deck design enables fast patient access granting efficient emergency operations, making it the ideal solution for search and rescue.

Specifications

Length: **5.44 m**
Width: **2.55 m**
Hover height: **0.30 m**
Dry weight: **670 kg**
Thrust duct: **1.17 m**
Lift duct**: 0.69 m**
Hull: Fiberglass & kevlar reinforced epoxy polyester with built-in flotation (980 liters)
Cockpit length: **2.45 m**
Cockpit width: **1.50 m**
Total height (off cushion): **2,20 m**
Max recomended load: **550 kg***, Overload max **750 kg***
Cruising speed Water: **20-25 knots**
Fueltank: **70 liters**
Thrust-engine: **Ford 1,5, VVT, injection, 120 hp**
Lift-engine: **Kohler EFI, 27 hp**
Fuel consumption: **8-20 l/h (0.4-1.0 l/nm)**
Noice level in cookpit at cruise: **81dB(A)***
Noice level outside: **72dB(A) at 40 m. distance***

Standard features: 2 x Drain plugs, 2 x Head light, 2 x Side light, Search light, Flash light, GPS, 2 x Bilge-pump, and 2 x fire-extinguisher, Full BUS electrical system, Anti-plow bow, Pilot swing seat & Dry plenum system

Optional features: Intercom, AIS, VHF radio, Hover-on/off trailer and storage-cover





The standard

IH-6

The IH-6 Hovercraft is the parent model of the IH-6 Open. Developed in Sweden the craft is designed to make quick and easy rescues in otherwise unaccesible areas such as ice, sand, water & mud. The cabin keeps the crew warm while piloting the craft making the IH-6 a great multiweather option. The IH-6 is widely used by Boarder Guards, Sea Rescue, Coast Guard, Police and Taxi Services.



Specifications

Length: **5.44 m**
Width: **2.55 m**
Hover height: **0.30 m**
Dry weight: **750 kg**
Thrust duct: **1.17 m**
Lift duct: **0.69 m**
Hull: Fiberglass reinforced polyester with built-in flotation: (980 liters)
Cabin length: **2.45 m**
Cabin width: **1.50 m**
Cabin height: **1.20 m**
Max load water: **550 kg***, Maxload Ice: **750 kg***
Top speed: **Ice 40 knots,** Water **25 knots**
Fueltank: **70 liters**
Thrust-engine: **Ford VVT, injection, 120 hp**
Lift-engine: **Kohler EFI, 27 hp**
Fuel consumption: **8-20 l/h (0.4-1.0 l/nm)**
Noice level inside cabin at cruise: **81dB(A)***
Noice level outside: **72dB(A) at 40 m. distance***

Standard features: Cabin with electric heated front windscreen,
2-speed/intermittent wiper, floodlight, Searchlight, flashlight, GPS,
Radar, 2 x Bilge-pump, 10kw heater/defroster and fire-extinguisher.
Full BUS electrical system

Optional features: Intercom, FLIR camera,
AIS, VHF radio, Hover-on/off trailer and storage-cover

For more information regarding purchasing options or to learn more about our hovercraft, please visit our website by scanning the QR code on the front page or by navigating to **hovercraft.eu**. If you have any questions or would like to discuss your requirements, feel free to contact us at **info@hovercraft.se.**