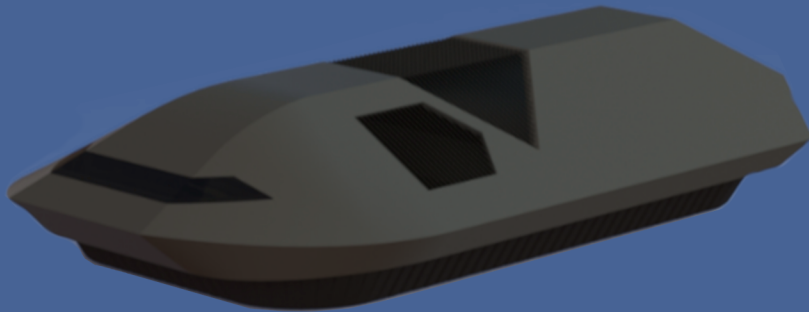


HOVERCRAFT
SPECIFICATIONS



	KP 4	KP 8	KP 20
Passenger Cap.	4	10	20
Max Speed	25 knots	30 knots	45 knots
Power	100hp / 6,000(gas)	260hp / 3,800(diesel)	300hp / 2,600rpm(diesel) x 3
Size	4.2m x 2.0m x 1.4m	7.2m x 2.3m x 1.8m	12.4m x 6.6m x 3.8m
Weight	360kg	1,300kg	4,500kg
Gross Tonnage	-	-	Approx. 4 tonne
Buoyancy	800kg	1,500kg	7,500kg
Payload	300kg	640kg	2,500kg
Skirt	Segment	Double / Hybrid	Double / Hybrid
Hover Height	250mm	350mm	800mm
Fuel Capacity	40 liter	80 liter	400 liter
Wave Tolerance	400mm	600mm	800mm
Propulsion	9-blade Fan	CPP 4-Blade Fan	FPP 4-Blade with BowThruster(reverse)
Transmission	Poly Chain Belt	Poly Chain Belt	Poly Chain Carbon Belt
Safety Rating	KOMSA	KOMSA	KOMSA

USH-12



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Hovercraft
Phantom Series by K-Marine

Amphibious Vessel That Can Navigate
On Land · Water · Over Marine Plants

Easy Landing | Economic | Safe | Convenient



Amphibious Vessel Hovercraft

The Phantom is developed in-house, using patented technology. Its automobile engines provide top-notch performance and easy maintenance. It is built to meet the ISO 9001 and 14001, Quality & Environmental Management Systems.

K-Marine Co. Ltd.'s innovative design was tested by Korean 119 Rescue Agency, military and police, for use in search & rescue and patrol missions.

Benefits of Phantom Hovercrafts

1 Easy Landing

- Ability to sail over ground, aquatic plants, seaweed etc.
- Navigational ability affected significantly less by elements

2 Economic

- 1/3 the fuel cost compared to conventional vessels of the same class
- Special plastic materials – No corrosion on the propellers
- Easy maintenance & automobile engine parts easily accessible

Features of Phantom Hovercraft

01 — Hull

Rigid, durable GRP: Easier maintenance, flexible design parameters allowing more aerodynamic shape compared to steel hulls.

02 — Engine & Propeller

The use of automobile engine yields high mileage and guarantees quality, longevity, and easy maintenance.

03 — Skirt(Air Cusion)

Using Hypalon hybrid skirt design, the Phantom hovercraft provides comfortable ride with its low surface friction, along with excellent structural durability, stability and functionality.

04 — Bow Thruster

The bow thruster is mounted in the front, and aides the vessel's lateral and rearward movement.

05 — Rescue Deck

Rescue deck on both port and starboard side of the hull have ladders that can be deployed to assist rescue operations.

Application of Hovercraft

01 Sports



The Phantom can maneuver into areas not easily accessible on conventional vessels. On any reasonably even surfaces: shallow water, mud, sand, snow, ice. The Phantom will brave through them at high speeds and bring you to your destination, whether it is across the river or islands. The exhilarating speed and safety the Phantom series provides makes it an ideal choice for sports and recreational activities.

02 Rescue



The Phantom can be used for search and rescue missions, with powerful, quick launch diesel engine capable of carrying heavy rescue equipment and patient. Less affected by fast ocean current and surface conditions, it can reach the patient-in-need-of-rescue faster than most boats. Navigational aides such as GPS and radar can be easily installed aboard the Phantom. With the Phantom, you can execute search and rescue missions with increased efficiency.

03 Military



The multipurpose Phantom's capability to brave various terrain makes it a perfect choice for military's most demanding operations: reconnaissance, shock attack, and covert missions. K-Marine is currently developing a stealth hovercraft USH-12, which will feature our patented design that absorbs and deflects enemy radar signals, reduces engine noise, and is also unmanned – an ultimate tool for application in special operations.