

Viper Rescue Hovercraft



Viper Rescue Hovercraft are practical hovercraft designed specifically for rescue and patrol use.

Viper Rescue Hovercraft are widely used in many regions around northern Australia and South East Asia. These are excellent vehicles for ice, tidal and flood rescue.

The Viper Rescue Hovercraft can be supplied in large numbers and in a variety of configurations to suit individual department needs. The R5X model incorporates additional floatation for extreme rescue needs.

Viper Rescue Hovercraft are manufactured to impeccable standards, offering outstanding performance and reliability. Our products are manufactured using the most advanced composite materials and techniques available. The resin infused, Kevlar reinforced, foam sandwich lower hull is just a small feature of our high performance designs.

Viper Rescue Hovercraft are stable floating platforms for retrieving stranded patients. Our positive buoyancy systems ensure a unsinkable Hovercraft, even if it is completely swamped. Easy passage to all interior & deck areas, gives Viper Rescue Hovercraft the edge over all competitors.

Viper Rescue Hovercraft are powered by a 100hp, inline 3 cylinder, water cooled two-stroke engines. This provides spirited acceleration, tighter turns and higher cruise speeds. Viper Rescue Hovercraft are suited to full payloads and rough conditions.

Viper Rescue hovercraft use reliable, proven engines. Our engines are new from the factory and are designed for small hovercraft.

Viper Rescue Hovercraft are sold all over the world. High quality, best performance, total reliability and customer satisfaction is why customers love us.

Viper 5X features

- Capacity to seat one crew and up to four passengers
- Light weight
- High payload capacity
- High positive buoyancy
- Easy egress over all interior and deck surfaces
- Enclosed electrical and engine air-intake filtration system
- Externally vented and removable aluminium fuel tank
- High gloss, marine grade gel coat finish
- Tooth belt drive system incorporating a torsional dampener
- Kevlar reinforced Foam composite hull and high quality components
- Carbon Fibre Dash
- Carbon Fibre steering, elevator and flow vanes
- Quality PU coated nylon skirting
- Deck and floor anti-slip finish
- Gunwale to provide Impact protection
- Forward tow point
- Elevator trim system
- Cockpit hand rails
- External grab handles (5X Rescue)
- Side pontoons (R5X Rescue)
- High volume bilge system
- Cockpit illumination
- Stainless steel light bar incorporating emergency lighting
- Colours - White, Central Blue, Safety yellow, Signal red, Chrome green and more.

Viper Rescue Hovercraft

Specifications

Specifications	5X Rescue	R5X Rescue
Seating	1 crew. 4 passengers, Inline	1 crew. 4 passengers, Inline
Length	4.6 m (15 ft)	4.6 m (15 ft)
Width	2.2 m (7.2 ft)	2.2 m (7.2 ft)
Height	1.7 m (5.5 ft)	1.7 m (5.5 ft)
Weight (dry)	295kg (650 lb)	310kg (683 lb)
Payload	490kg (1,080 lb)	480kg (1,058lb)
Hover height (avg)	240mm (0.78 ft)	240mm (0.78 ft)
Positive Buoyancy	850kg (1,873 lb)	1,150kg (2,535 lb)
Fuel capacity	50 L (13.2 gal)	50 L (13.2 gal)
Thrust (Approx)	140kg (308 lb)	140kg (308 lb)
Speed - Safe max	80kph (43 knot)	80kph (43 knot)
Ideal Cruise speed	30 - 60kph (16 - 32 knot)	30 - 60kph (16 - 32 knot)
Endurance	4.5—5 hours (avg)	4.5—5 hours (avg)
Noise	72db @ 30m - (full power)	72db @ 30m - (full power)

Engine	
Capacity	939cc
Type	Water-cooled, 3 cylinder, two-stroke
Power	Hirth 74 kW (100 hp) @ 6,000 rpm
Fuel	95 - 98 Octane 2% oil premix
Ignition	Single sparkplug per cylinder
Starting	Electric and pull start
Generator	12V DC 30amp = 250w
T.B.O.	900 - 1000 hours
Drive system	HTD Tooth belt via torsional dampener
Propulsion	Integrated thrust and lift



Viper Hovercraft

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