



AMPHIBIOUS MARINE HOVERCRAFT

SURVEYOR 16

A rugged, low-maintenance hovercraft for five, built from real-world operation to run rivers, rapids, swamps, mud flats, ice and rough water with heavy loads, low noise and high fuel efficiency.

40 mph

Top speed, flat calm
30 mph cruise

1,100 lb

Payload (500 kg)
or 5 adults

1.6 gph

Fuel at cruise
(6 litres/hour)

38 hp

Kohler EFI
V-twin, 4-stroke

78 dBA

At cruise, 25 m
over grass

24 mo

Warranty
or 1,000 hours

RESCUE

Search and rescue, ice rescue, mud rescue and flood-water rescue.

WORK

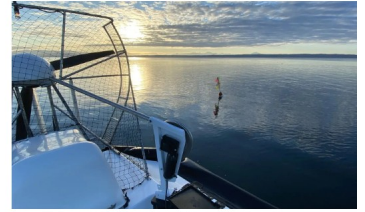
Oyster and clam harvesting, tidal research and monitoring, weed abatement, oil-spill cleanup, surveys, pipelines and drilling, tender for larger vessels, and sites where docks aren't permitted.

RECREATION & GUIDING

Fishing (easy shoreline access, skims over nets), duck hunting, exploration, camping, commercial hunting and guide services, and tourist attractions.

SURVEYOR 16 SPECIFICATIONS

Custom built in Shelton, Washington



Cushion	16 × 7.5 ft (4.9 × 2.3 m), 103 ft ² (9.6 m ²)
Length overall	16 ft (4.9 m)
Height	7 ft (2.1 m) off cushion
Cockpit	100 × 52 in (254 × 132 cm)
Hard clearance	11.25 in (28.6 cm) cushion depth
Payload	1,100 lb (500 kg) or 5 adults, including people, fuel and gear
Empty weight	595 lb (270 kg)
Speed	40 mph (65 km/h) max on water in flat calm; 30 mph (48 km/h) cruise
Fuel use	1.6 US gal (6 L) per hour at cruise
Engine	Kohler Command PRO ECV938, 38 hp (28.3 kW) EFI, 4-stroke V-twin, aluminum block, gasoline; 61 cu in (999 cc)
Drive system	Vertical-shaft engine drives the lift fan directly and the propeller through a single carbon-fiber belt
Thrust propeller	76 in (193 cm), 3-blade carbon fiber, adjustable pitch
Lift fan	24 in (61 cm), 9-blade nylon, adjustable pitch
Skirt system	Multi-compartment with front and inner divider curtains; large-diameter bag skirt on sides and rear
Skirt material	40/23 oz/yd ² dual-weight commercial-duty urethane, nylon reinforced; approx. 1,500–2,000 hour life
Hull	Molded composite laminate, epoxy resin with carbon/glass fiber reinforcement and structural cores. Hull, deck and seven bulkheads permanently bonded together. No wood used anywhere.
Flotation	Three sealed compartments, front and rear: 1,500 lb (680 kg)
Windshield	Carbon-fiber frame, glass windows, dual wiper/washer system
Noise	82 dBA full power, 78 dBA cruise (measured at 25 m over grass)
Warranty	24 months or 1,000 hours

WHAT SETS IT APART

Operator-controlled brakes

Reduce pressure in the forward compartment for smooth slowing, stopping and turning. A feature not found on any other hovercraft.

Carbon-fiber belt drive

No slippage, better efficiency, no re-tensioning, and no belt covers or touch bars. Double-sealed idler bearings for long service life.

Quiet by design

The large-diameter propeller makes efficient use of power, keeping noise far below common hovercraft.

Built to work

Stainless steel, aluminum, urethane-coated fabrics and carbon/glass composites. Full maintenance, training and repair service available.

OPTIONS & TRAILERS

All carbon-fiber body (+5% payload)

Full engine painting for saltwater use

Full enclosure with stainless muffler/heat exchanger, dash vents and dash control

Standard bunk or galvanized ground-deployment trailer

Current pricing on request.