

SWAN SHADOW

Preliminary Specification

Swan Shadow 42'

TECHNICAL DATA

• Length overall - LOA	13,23 m - 43.40 ft
• Length waterline - LWL	10,70 m – 35.10 ft
• Beam	4,3 m – 14.10 ft
• Draft to Props	0,86 m – 2.82 ft
• Weight (Base Version excl. engines)	4.500 kg
• Passengers	10 in Cat. B - 12 in Cat. C
• Berths	2 (with Optional Front Cabin 2+1)
• Fuel capacity	1.000 l (250 Gal)
• Water capacity	130 l (35 Gal)
• Construction	GRP
• CE Classification	B: Offshore - C: Coastal
• Max Speed Range	37 – 55 Knots
• Standard Outboard Engines	3 x 225 HP
• Optional Outboard Engines	3 x 250 – 3 x 300 - 3 x 350 HP
• Fuel consumption (cruise)	3,2 l/Nm (3 x 225 HP Mercury – 28 Knots)
• Hull Design	Twin stepped V 20° Hull

Construction

Twin stepped deep V 20° hull with open space deck.

Hull bottom built in GRP using polyester resin and E-glass multi axial variably orientated to optimise the laminate. Hull topsides have a sandwich PVC cored structure with E-glass multi axial skins.

Vacuum infused GRP internal structure with longitudinal and transversal stringers structurally bonded to the hull shell.

Deck built in GRP impregnated with polyester resin using E-glass multi axial; sandwich structure with PVC core and E-glass skins is used on the deck flat areas to reach the best compromise between weight and panels stiffness.

Local reinforcements are laminated for loaded areas (i.e. engine supports, anchor arm, fairleads attachments, etc.).

Surface finish: white gelcoat on the hull and vertical surfaces of the deck; white anti skid gelcoat on deck flat areas (also optionally available is an 8 mm Teak decking).

Deck Arrangement and Interiors

Anchor locker with manually rotating anchor arm, windlass, anchor (16 kg) and chain.

Fairleads on fore and aft deck areas (2 + 2).

Fore deck bow area with V shaped benches and table; by lowering the table the area can be transformed into a V shaped sun-bed.

Pilot area with steering console, engines control panel, windshield, three seats and one fridge under the external seat.

Sliding companionway on the PT side of the pilot console to access the Main Cabin.

Deck hatches for access to large storage areas and coachroof hatches for cabin and toilet ventilation.

Main Cabin with central double berth, mattresses, cushions, storage lockers and separate toilet with sink, marine WC and shower.

Composite T-Top (short) pilot area cover with supports for navigation lights, pole, antennas, navigation instruments, etc.

Large open deck space area behind the pilot seats fitted with wet bar module with sink and locker.

This area can be additionally fitted with optional custom designed deck accessories like aft sun-bed, extra seats, external galley unit, etc.

Large storage area under the cockpit floor directly accessible through large watertight hatches.

Custom designed three-position transom movable platform: driving position, swim & water sports position, and passarelle position.

Propulsion

Three 225 HP Mercury Verado V6 outboards with propellers. Control panel installed on pilot console.

Other propulsion options include 3 x 250 HP Mercury Verado V8, 3 x 300 HP Mercury Verado V8 and 3 x 350 HP Mercury Verado L6.

On-Board System

Electric system with 3 x 120 Ah Lead/AGM 12 V service battery bank, main electric distribution panel 12 V DC + 230 V AC, fuse panel, cabin/toilet lights, navigation lights, 230 V battery charger, galvanic insulator and dock connection plug.

3 x 12 V engine starting battery.

1 x 12 V battery for bowthruster.

Refrigerator installed under the pilot seat.

Fuel tank (approx. 1.000 l) centrally installed under the cockpit floor.

Fresh water system with pressure hot and cold water, 40 litre 230V electric heater, cockpit shower and water tank (approx. 130 l).

Black water system, with electric marine WC, black water tank (approx. 50 litres), vent filter and discharge pump.

Grey water tank with automatic pump fitted under the toilet floor to discharge shower and sink.

Bilge pumps: 1 manual cockpit pump and 2 electric automatic pumps.

Fire extinguishers (4), horn and VHF.