

**elan**

IMPRESSION 45.1

**STANDARD 2022 A**

STANDARD PRICE 229.900,00 €

**TECHNICAL SPECIFICATIONS**

LENGTH OVERALL	13.51 m / 44'4" ft	ENGINE VOLVO (standard)	37 kW / 50 HP
HULL LENGTH	13.00 m / 42'8" ft	ENGINE YANMAR (option)	42 kW / 57 HP
LENGTH AT WATERLINE	11.44 m / 37'6" ft	ENGINE VOLVO (option)	55 kW / 75 HP
BEAM	4.18 m / 13'9" ft	ENGINE OCEANVOLT (option)	15 kW Oceanvolt electric
DRAFT (standard)	1.90 m / 6'3" ft	AIR DRAFT (Incl Antenna)	19.50 m / 63'12" ft
DRAFT (option)	1.60 m / 5'3" ft	MAINSAIL	46.79 m <sup>2</sup> / 503'6" sq ft
LIGHT DISPLACEMENT (mLCC)	10,510 kg / 23,170 lbs	MAINSAIL (furling)	39.75 m <sup>2</sup> / 427'9" sq ft
BALLAST (standard)	3,310 kg / 7,297 lbs	GENOA	52.47 m <sup>2</sup> / 564'7" sq ft
	3,450 kg / 7,605 lbs	GENNAKER	110.00 m <sup>2</sup> / 1184'0" sq ft
WATER CAPACITY (STANDARD)	300 liters / 79,3 US gal	I	15.90 m / 52'2" ft
WATER CAPACITY (OPTION)	572 liters / 151,1 US gal	J	4.78 m / 15'8" ft
FUEL CAPACITY	215 liters / 56 US gal	P	14.80 m / 48'7" ft
		E	5,37 m / 17'7" ft
		DESIGN	Humphreys Yachts Design & Elan Design Team

**STANDARD EQUIPMENT****CERTIFICATION**

The Impression 45.1 is delivered with a CE class A certificate and meets the requirements of European directive 2013//53//EU for a recreational craft.

**HULL**

Laminated with VAIL - Vacuum Assisted Infusion Lamination, technology with longitudinal 3D VAIL stringer, to considerably improve strength/mechanical and chemical properties of the hull. High quality materials, SVG gelcoat for optimal chemical resistance against osmosis and mirror finish, sandwich construction using multi-directional fibreglass, structural closed cells foam core on hull sides and single skin on hull bottom and loaded areas, vinyl ester skin coat and Isophthalic polyester resin are used for a high quality product.

Powerful inner structure distributes all loads from the keel and rig effectively with a minimum flexing of the hull.

**DECK**

- Sandwich hand lamination technology using Balsa core to assure thermal and sound isolation, moulded anti slip surface on deck and coach roof.

**KEEL**

- 1,90m draft cast iron L shape keel

**INTERIOR**

- Interior is built with Natural Iroko veneered plywood, framed with solid Iroko and laminated floorboards.

**SALOON**

- Saloon table
- Deck hatch
- Opening escape deck hatch
- 2 large deck portlights
- 2 hull portlights
- Curtains over portlights and blind over big hatch
- Panoramic window with curtain
- Lockers along the hull
- Overhead LED lights
- Ambient LED lights
- 2 reading LED lights with USB

**GALLEY**

- Side galley
- Front opening 12 V refrigerator 130 l
- S/S 3 ring cooker with oven mounted on gimbals
- Double sink with tap and pressurized water system
- Cooker and sink covers
- Lockers and drawers
- Portlight
- Deck portlights with opening above the cooker
- Curtains over portlight
- Overhead LED lights
- Ambient LED lights

**FORWARD HEAD COMPARTMENT**

- Marine toilet
- Washbasin with pressurised tap
- Mirror
- Stowage lockers
- Overhead LED light
- Hatch

**FORWARD SHOWER COMPARTMENT**

- Shower with mixer tap
- Stowage lockers
- Mirror
- Overhead LED light
- Electric shower drain pump
- Hatch

**AFT HEAD & SHOWER COMPARTMENT**

- Separate shower
- Marine toilet
- Washbasin with pressurised tap
- Stowage lockers
- Mirror
- Overhead LED lights
- Curtains over portlight
- Hatch
- Electric shower drain pump

**NAVIGATION STATION**

- Chart table
- Reading LED spotlight
- Lockers
- USB socket
- 230 V socket

**FORWARD CABIN**

- Double berth
- 2 lockers
- 2 shelves
- Stowage under berth
- 2 reading LED lights with USB
- Overhead LED lights
- Deck escape hatch
- 2 hull portlights with curtains
- Curtains over portlights and blinds over big hatches

**AFT CABIN (two in standard)**

- Double berth and stowage underneath
- Settee
- Locker with shelves and hanging bar
- Lateral shelf
- 2 reading LED lights with USB
- Overhead LED lights
- 2 cockpit portlights
- Hull portlight
- Curtains over portlights
- Deck portlight

**MAST / STANDING RIGGING**

- Selden deck stepped aluminium anodized fractional mast profile with 2 sets of aft swept spreaders and aluminium single line reefing boom with rigid vang
- Stainless steel standing rigging 1/19
- Windex
- Genoa furling system Selden Furler 304S

**RUNNING RIGGING**

- Main halyard, jib halyard
- Main sheet, 2 jib sheets
- Main outhaul, 2 reefing lines
- Topping lift

**SAILS**

- Semi batten main sail
- Furling genoa with UV strip

**DECK EQUIPMENT**

- S/S pulpit and S/S push pit with integrated teak seats
- S/S stem-head fitting with 2 rollers and S/S bow protection
- 6 fixed mooring cleats
- Teak toe rail
- 2 sets of deck organisers
- 2 set of clutches
- 2 halyard Harken B46.2STA winches
- 2 headsail Harken B46.2 STA winches
- 2 genoa sheet tracks
- Mid-boom sheeting with 2 stand up blocks
- 1 winch handle bin
- Cockpit lockers on port and starboard side,
- Gas bottle locker draining outboards,
- Fresh water shower at transom
- 2 composite steering wheels
- Steering compass
- Cup holders
- Twin cockpit table with central passage and lowering leaf to enable berths
- Grab rails on coach roof
- Teak floor and teak slatted seats in cockpit
- Teak sliding hatch trimming
- Standard swimming platform with teak
- S/S bathing ladder

**ENGINE EQUIPMENT**

- Volvo Penta D2-50, S-Drive, S/S engine control lever in cockpit and engine control panel
- Fuel tank 215 l, fuel filter with water separator
- Fixed propeller

**WATER SYSTEM**

- Fresh water tanks 300 l
- Black water tank 100 l
- 12V fresh water pump
- Central 12V bilge pump with automatic switch
- Hand bilge pump in cockpit
- Hot water system incl. hot water shower in cockpit

**ELECTRICAL SYSTEM**

- 12V control panel with voltmeter for batteries, fresh water and fuel level indicator
- Shore connection installation with 25m shore power cable 230V
- Battery charger 12V/40A
- Inverter 350 VA
- 2 separate 12V AGM batteries (95Ah engine battery and 95Ah service battery)
- Navigation lights according to Col Reg
- Ambient cockpit LED lights
- Courtesy LED lights at companionway
- 12V and USB socket
- 230V socket in navigation area
- Double IP67 USB socket and 12V socket in cockpit

**GAS SYSTEM**

- 30mbar pressure USB relief valve with shut-off valve
- Gas bottle ALU – EU standard; UNP 2kg/4,8l only for EU

**MISCELLANEOUS**

- 2 winch handles
- Emergency tiller
- 2 fire extinguishers
- Flag pole

All published data and allowed tolerances according to EN ISO 86766, E&OE