



elan

IMPRESSION 40

STANDARD 2019 A

TECHNICAL SPECIFICATIONS

LENGTH OVERALL	11.83 m / 39'0" ft
HULL LENGTH	11.48 m / 37'8" ft
LENGTH AT WATERLINE	10.00 m / 32'10" ft
BEAM	3.91 m / 12'10" ft
DRAFT (standard)	1.80 m / 5'11" ft
DRAFT (option)	1.50m / 4'11" ft
AIR DRAFT (Incl Antenna)	17.60 m 57'9" ft
LIGHT DISPLACEMENT (mLCC)	8.368 kg / 18,4 lbs
BALLAST	2.545 kg / 5,6 lbs 2.479 kg / 5.5 lbs
ENGINE VOLVO (standard)	20 kW / 29 HP
ENGINE YANMAR (option)	20 kW / 29 HP
ENGINE VOLVO (option)	29 kW / 39 HP
FUEL CAPACITY	146 liters / 38 US gal

WATER CAPACITY (STANDARD)	240 liters / 63 US gal
WATER CAPACITY (OPTION)	520 liters / 137 US gal
MAINSAIL (furling)	37.9 m ² / 407'9" sq ft 31.59 m ² / 340'1" sq ft
GENOA	38.1 m ² / 410'1" sq ft
GENNAKER	98.0 m ² / 1054'8" sq ft
I	13.96 m / 45'10" ft
J	3.90 m / 12'9" ft
P	13.00 m / 42'8" ft
E	4.86 m / 15'11" ft
DESIGN	Humphreys Yachts Design & Elan Design Team

STANDARD EQUIPMENT

CERTIFICATION

The Impression 40 is delivered with a CE certificate and meets the requirements of European directive 2013/53/EU for recreational craft. The CE class A category certificate (unlimited Ocean voyages) is issued by Germanischer Lloyd.

HULL

Laminated with VAIL - Vacuum Assisted Infusion Lamination technology, 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 Isophtalic polyester resin are used for 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

- 1,80m draft cast iron L shape keel

INTERIOR

- Interior is built with Light Oak veneered type of Finline plywood, laminated Maple Grey floorboards

SALOON

- Saloon table
- U-shaped settee on port side and settee on starboard side
- Panoramic window with curtain
- Escape deck hatch 2 large deck portlights and 4 hull portlights
- Curtains over portlights and blinds over escape hatch
- Lockers along the hull on both sides
- Overhead LED lights
- Ambient LED lights
- 2 reading LED lights

GALLEY

- L-shaped galley
- Acrylic water protection
- Front opening 12 V refrigerator 85L
- S/S 2 ring cooker with oven
- Double sink with tap and pressurized water system
- Cooker and sink covers
- Lockers and drawers
- Opening deck hatch and deck portlight with opening above the cooker
- Curtains over portlights
- Overhead LED lights
- Ambient LED lights

HEAD / SHOWER COMPARTMENT

- Separate shower compartment
- Marine toilet
- Washbasin with pressurised tap
- Stowage lockers and mirror
- Large deck portlight with opening
- Opening portlight
- Hatch
- Overhead LED light
- Curtains over portlight
- Electric shower drain pump

NAVIGATION STATION

- Pivoting chart table
- Reading spotlight
- Lockers
- USB socket

FORWARD CABIN

- Double berth on port side along hull
- Hanging locker
- Locker with shelves
- Bed side cabinets
- 2 lateral shelves
- Storage under berth
- Overhead LED lights
- Reading LED lights
- Ambient LED lights
- Escape hatch
- 2 opening hatches
- Blinds over escape hatches
- Locker in bow

AFT CABIN

- Double berth
- Settee on port side
- Hanging locker
- Locker with shelves
- Lateral shelf
- Overhead LED lights
- 2 reading LED lights
- Ambient LED lights
- 2 opening cockpit portlights
- Hull portlight
- Curtains over portlights

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
- Genoa car adjustment lines

SAILS

- Semi batten main sail
- Furling genoa with UV strip

ENGINE EQUIPMENT

- Volvo Penta D1-30, S/S engine control lever in cockpit and engine control panel
- Fuel tank 146, fuel filter with water separator
- Fixed propeller

DECK EQUIPMENT

- S/S pulpit with integrated teak step and S/S pushpit with integrated teak seats
- S/S stem-head fitting with roller and S/S bow protection
- 6x fixed mooring cleats
- Teak toe rail
- 2 sets of deck organisers
- 2 set of clutches
- 2 halyard Harken B40.2 STA winches
- 2 genoa Harken B40.2 STA winches
- 2 genoa sheet tracks adjustable from cockpit
- Mid-boom sheeting with 2 stand up blocks
- Winch handle pocket
- Cockpit locker on port and starboard side
- Gas bottle locker draining outboards
- Fresh water shower at transom
- 2 composite steering wheels
- Steering Compass
- Teak cup holders on port and starboard side
- Fixed cockpit table with folding leaves
- Grab rails on coach roof
- Teak slatted cockpit seats incl. helmsman's seats
- Teak on cockpit floor
- Teak sliding hatch trimming
- Standard swimming platform with teak
- S/S bathing ladder

WATER SYSTEM

- Fresh water tanks 240 l
- Black water tank 110 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 15m shore power cable 230V
- Battery charger 12V/40A
- Inverter 350 VA
- 2 separate 12V AGM batteries (70Ah engine battery and 95Ah service battery)
- Navigation lights according to Col Reg
- Ambient cockpit LED lights
- Courtesy LED lights at companionway
- 12V socket on control panel
- 230V socket in navigation area
- Double IP67 USB socket and 12V socket in cockpit

GAS SYSTEM

- 30mbar pressure 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