



**elan** I43

## TECHNICAL SPECIFICATIONS

LENGTH OVERALL	13.32 m / 43'8" ft	FUEL CAPACITY	287 liters / 75.8 US gal
LENGTH OVERALL (with optional bowsprit)	13.60 m / 44'7" ft	WATER CAPACITY (standard))	270 liters / 71 US gal
HULL LENGTH	12.82 m / 42' ft	WATER CAPACITY (option)	470 liters / 124 US gal
LENGTH AT WATERLINE	12.20 m / 40' ft	MAINSAIL	46.68 m <sup>2</sup> / 502.5' sq ft
BEAM	4.25 m / 13'11" ft	MAINSAIL (furling)	42.10 m <sup>2</sup> / 453.2 sq ft
DRAFT (standard)	1.95 m / 6'5" ft	SELF TACKING JIB STD	34.1 m <sup>2</sup> / 367 sq feet
DRAFT (option)	1.70 m / 5'7" ft	GENOA (option)	41.30 m <sup>2</sup> / 444.5 sq feet
AIR DRAFT (Incl Antenna)	19.90 m / 65'3" ft	GENNAKER	118 m <sup>2</sup> / 1,270 sq feet
STD DISPLACEMENT	11,100 kg / 24,471 lbs	I	16.30 m / 53'6" ft
BALLAST (standard)	3,541 kg / 7,807 lbs	J	4.815 m / 15'9" ft
BALLAST (option)	3,686 kg / 8,126 lbs	P	15.20 m / 49'10" ft
ENGINE YANMAR (standard)	4JH45 / 45 HP	E	5.43 m / 17'10" ft
ENGINE YANMAR (option)	4JH57 / 57 HP	DESIGN	Humphreys Yachts Design & Elan Design Team
ENGINE YANMAR (option)	4JH80 / 80 HP		
ENGINE OCEANVOLT (option)	TBQ		

## STANDARD EQUIPMENT

### CERTIFICATION

The Elan Impression 43 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 3D VAIL stringer for chainplate and 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. A powerful inner structure distributes all loads from the keel and rig effectively with a minimum flexing of the hull.

### DECK

- Sandwich Laminated with VAIL - Vacuum Assisted Infusion Lamination using PVC foam core to assure thermal and sound isolation, moulded anti-slip surface on deck and coach roof.

### KEEL

- 1.95m draft cast iron L shape keel.

### INTERIOR

- Interior is built with Natural Oak veneered plywood with small knots, and laminated floorboards.

### SALOON

- Saloon table
- 2 Deck hatch
- Opening escape deck hatch
- 2 large deck portlights
- 1 hull portlights
- Panoramic window
- Lockers along the hull
- Overhead LED lights
- Storage closet
- 2x reading light

### GALLEY

- Side galley
- Front opening 12 V refrigerator 108 L
- Stainless steel 3 ring cooker with oven mounted on gimbals
- Double sink with tap and pressurized water system
- Lockers and drawers
- Coachroof portlight
- 1 hull portlight
- Deck portlights
- Hatch above the cooker
- Overhead LED lights

### FORWARD HEAD COMPARTMENT

- Marine toilet
- Separate shower
- Washbasin with pressurised tap
- Mirror
- Stowage lockers
- Overhead LED light
- Hatch
- Electric shower drain pump

#### AFT HEAD & SHOWER COMPARTMENT

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

#### FORWARD CABIN

- Double island berth
- Double locker
- 2 shelves
- Stowage under berth
- Overhead LED lights
- Deck escape hatch
- 2 hull portlights

#### AFT CABIN (two in standard)

- Double berth and stowage underneath
- Locker with shelves and hanging bar
- Lateral shelf
- Overhead LED lights
- Cockpit portlights
- Hull portlight
- Deck portlight
- Deck hatch

#### 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 Furlex 304S

#### RUNNING RIGGING

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

#### SAILS

- Semi batten main sail
- Furling self-tacking jib with UV strip

#### DECK EQUIPMENT

- Stainless steel pulpit and stainless steel push pit with integrated seats
- Stainless steel stem-head fitting with roller
- 6 fixed mooring cleats
- 2 sets of deck organisers
- 2 set of clutches
- 2 halyard Harken B46.2STA winches
- Mid-boom sheeting with 2 stand up blocks
- 1 winch handle bin
- Cockpit lockers on port and starboard side,
- Gas bottle locker draining outboards in anchor locker
- Fresh water shower at transom hot cold mixer
- 2 composite steering wheels
- Steering compass
- Cup holders
- Twin cockpit table with central passage
- Grab rails on coach roof
- Standard swimming platform with synthetic teak
- Stainless steel bathing ladder

#### ENGINE EQUIPMENT

- Yanmar 4JH45, S-Drive, engine control lever in cockpit and engine control panel
- Fuel tank 287 L, fuel filter with water separator
- Fixed propeller

#### WATER SYSTEM

- Fresh water tanks 270 L
- Black water tank 2x 78 L
- 12 V fresh water pump
- Central 12 V bilge pump with automatic switch
- Hand bilge pump in cockpit
- Hot water system incl. hot water shower in the cockpit

#### ELECTRICAL SYSTEM

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

#### GAS SYSTEM

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

#### MISCELLANEOUS

- Winch handles
- 2 fire extinguishers
- Flag pole

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