



STANDARD 2019 B

elan ^{E4}

TECHNICAL SPECIFICATIONS

LENGTH OVERALL	10.60 m 34'9" ft
HULL LENGTH	10.60 m 34'9" ft
LENGTH AT WATERLINE	10.10 m 33'1" ft
BEAM MAX	3.50 m 11'6" ft
DRAFT (standard)	2.15 m 7'1" ft
DRAFT (option)	1.70 m 5'7" ft 2.35m 7'8" ft (composit)
LIGHT DISPLACEMENT (mLCC)	5,132 kg 11,314 lbs
BALLAST (standard)	1,385 kg 3,053 lbs
BALLAST (option)	1,560 kg 3,439 lbs 1,300 kg 2,866 lbs
WATER CAPACITY	185 liters 48 US gal
FUEL CAPACITY	75 liters 19 US gal
ENGINE (standard)	22 kW 30 HP Volvo Penta
ENGINE (option)	21 kW 29 HP Yanmar

AIR DRAFT (incl. antenna)	17.61 m 57'9" ft
MAINSAIL	39.60 m ² 426'2" sq ft
JIB	34.60 m ² 372'4" sq ft
GENNAKER	128.00 m ² 1377'8" sq ft
I	13.77 m 45'2" ft
J	4.03 m 13'2" ft
P	13.49 m 44'3" ft
E	4.63 m 15'2" ft
BOAT DESIGN CATEGORY CE	A
DESIGN	Humphreys Yacht Design & Elan Design Team

STANDARD EQUIPMENT

CERTIFICATION

The ELAN E4 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 and single skin on 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 construction using multi-directional fibreglass and Balsa core, moulded anti slip surface on deck and coach roof
- Teak on cockpit seats
- Garage with instrument pod

KEEL

- 2,15m draft performance cast iron T shape keel

INTERIOR

- Interior is built with Natural Oak veneered plywood, laminated floorboards Tobbacco style

SALOON

- Saloon table
- U shape saloon seating
- Custom deck port lights
- Flush deck escape hatch
- Lockers and shelves above backrests along the hull on both sides
- Overhead LED lights
- Curtains over portlights and blinds over hatch
- 2 hull portlights

GALLEY

- L-shaped galley
- Refrigerator (75 L) 12V with accumulation plate in cool box
- S/S gas cooker with 2 rings and oven
- Double sink with tap and pressurised water system
- Cooker and sink covers
- Lockers, cupboards and drawer
- Opening portlight above galley
- Overhead LED light, LED light over the worktop
- Curtains over portlights and blinds over hatch
- Acrylic water protector

HEAD / SHOWER COMPARTMENT

- Marine toilet
- Washbasin with pressurised tap
- Storage locker under the sink
- Locker with mirror
- Electric shower drain pump
- Wet locker
- Overhead LED light
- Opening flush deck hatch
- Opening portlight
- Curtains over portlights

NAVIGATION STATION

- Chart table
- Reading LED spotlight
- Shelves and lockers below opening portlight
- USB socket inside (1 pcs)

FORWARD CABIN

- Double berth
- 2 lateral stowage shelves
- Port and starboard lockers
- Stowage under berth
- Reading LED light
- Overhead LED light
- Flush deck escape hatch
- Blind over hatch

AFT CABIN

- Double berth
- Storage under the berth
- 2 lateral storage shelves
- Storage locker
- Reading LED light
- Overhead LED light
- Flush opening deck hatch per cabin and 2 opening portlights per cabin
- Curtains over portlights

MAST / STANDING RIGGING

- Selden tapered keel stepped performance aluminium anodised fractional mast profile with 2 sets of aft swept spreaders and aluminium single line reefing boom with rigid vang
- Genoa furling system Selden Furler 200TD
- Windex
- Stainless steel standing rigging 1/19
- Mechanical backstay tensioner (hasselforce)
- Deck light

RUNNING RIGGING

- Main halyard, jib halyard, gennaker halyard
- Main sheet, 2 jib sheets 2 gennaker sheets
- Gennaker retriever
- Outhaul for the main, 2 reefing lines
- Topping lift

DECK EQUIPMENT

- 2 halyard winches on coach roof Harken B35.2
- 2 genoa winches Harken B40.2
- 2 main sail winches Harken B35.2
- Harken mainsheet track recessed in the cockpit floor with T mainsheet system
- 2 jib sheets tracks with cars adjustable from cockpit
- 2 deck organisers
- 2 sets of clutches Spinlock
- Gennaker deck gear with carbon retractable gennaker pole
- Steering compass
- 2 white composite steering wheels
- S/S Pulpits, pushpits and stanchions with 2 lifelines
- Bow anchor fitting removable S/S
- 6 retractable mooring cleats
- Winch handle pocket
- Cockpit locker on starboard side
- Gas bottle locker draining outboard
- S/S bathing ladder, grab rails on coach roof
- Removable cockpit table

ENGINE EQUIPMENT

- D1-30 Volvo Penta, S-Drive, S/S engine control lever in cockpit and engine control panel
- Fuel tank 63 l, fuel filter with water separator
- 2 blade Flex-o-fold folding propeller

WATER SYSTEM

- Fresh water tanks 180 l
- Black water tank 70 l
- 12 V fresh water pressure pump
- Central 12V bilge pump with automatic switch
- Hot water system incl. hot water shower in cockpit
- Hand bilge pump in cockpit

ELECTRICAL SYSTEM

- 12 V 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
- 3 separate 12V AGM batteries (70Ah engine battery and 2 95Ah service battery)
- Navigation lights according to Col Reg
- Cockpit ambient LED lights
- Courtesy lights at companionway
- Double IP67 USB socket and 12v socket in cockpit

GAS SYSTEM

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

MISCELLANEOUS

- 2 winch handles
- 2 fire extinguishers
- Flag pole

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