

ELAN 450 Vulcain Limited Edition

RETAIL PRICELIST

RP – LE – 2011 – 450

Effective: January 21st 2011

Vulcain Pack:

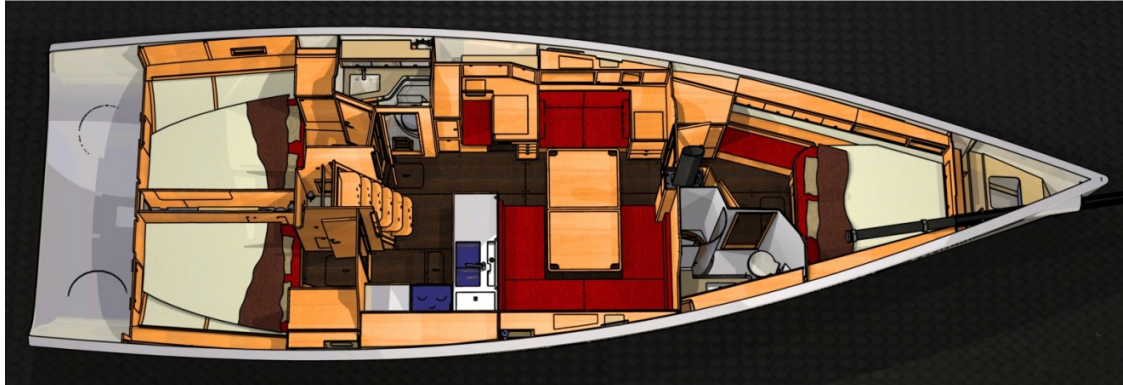
- Hull color:** Metallic stone gray hull, white water decoration line (Awlcraft)
- Deck equipment:** Harken upgraded winches:
 - Electric halyard winch on star board side 46.2
 - 60.2 jib winches
 - 50.2 main sail winches
- Mast & rigging:** Selden Performance mast:
 - ROD standing rigging
 - Gottfriedi Maffioli running rigging in spectra quality
- Cockpit equipment:** Metallic stone gray steering wheels Elan
Carbon gangway
GRP instruments pod's on steering pedestals
Cockpit table, foldable
LED outdoor ambience lights
- Interior Comfort:** LED ceiling lights
LED safety lights underneath companion way
LED indoor ambience lights
Additional reading lights in saloon and cabins
Curtains over port lights and blinds over hatches
Cooker and sink covers in galley
Black water tank

Watch: Vulcain Cricket X-Treme Automatic –limited edition

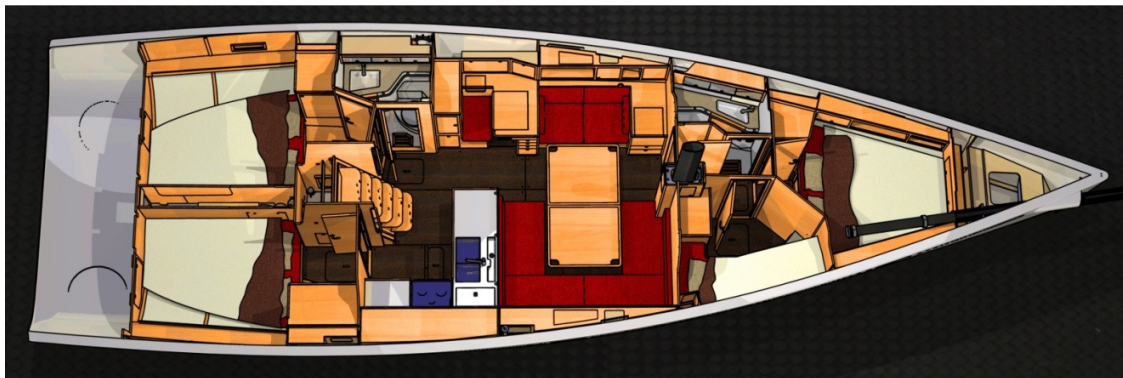


STANDARD PRICE ELAN 450 Vulcain

Version1:	3 cabins, 2 toilette; Volvo D2-55	245.990,00 €
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Version2:	4 cabins, 2 toilette; Volvo D2-55	247.990,00 €
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TECHNICAL SPECIFICATION ELAN 450

Boat Design Category	A "Ocean"
Manufactured by	ELAN, d.o.o. Begunje 1, 4275 Begunje na Gorenjskem, Slovenia
Notified body	GERMANISCHER LLOYD
Length max.	13,60 m
Hull length	13,60 m
Length at waterline	12,52 m
Beam max.	4,37 m
Draft	2,05 m / 2,25 m / 2,60 m
Displacement	9150 kg
Ballast	4180 kg / 4020 kg
Engine Volvo Penta D2	55 hp / 75 hp (optional)
Fuel capacity	200 l
Water capacity	440 l
Holding tank	100 l (optional)
Gas bottle (propane/butane)	3 kg
Maximum crew	10 persons
Cabins	3 / 4
Berths	6 / 8 + 2
Mainsail	60,70 m ²
Foresail	56,30 m ²
Genaker	205,00 m ²
I	17,72 m
J	4,90 m
P	17,43 m
E	5,87 m
Design	Humphreys Yacht Design & Elan Design Team

STANDARD EQUIPMENT ELAN 450

CERTIFICATION

ELAN 450 is delivered with a **CE certificate** and meets the requirements of **European directive 94/25/CE** for recreational crafts. The **CE class A category certificate (unlimited Ocean voyages)** is issued by **Germanischer Lloyd**.

CONSTRUCTION

Hull is laminated with **VAIL - Vacuum Assisted Infusion** Lamination **technology**, to considerably improve strength, mechanical and chemical properties of the hull.

High quality materials, NPG (Neo Penttyle Glycol) gelcoat for optimal chemical resistance against osmosis and mirror finish, sandwich construction using multi-directional fibreglass, low density closed cells fume core on hull sides and single skin on loaded areas, vinyl ester skin cote and isofaltic 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 is build in sandwich construction by hand lamination technology with low density balsa core to assure thermal and sound isolation, moulded anti slip surface on deck and coach roof.

2,25m draft performance composite keel (iron fin / lead bulb) as standard equipment.

INTERIOR

Standard layout: 3 cabins and 2 toilettes.

Interior build in **Anigre** veneered type of Alpiwood plywood, leather panel ceiling, plywood floor boards.

Saloon: **U shape** sofa, folding and extendible saloon table, lockers and shelves above backrests along the hull on sides, overhead lights, blue Elan upholstery, curtains over port lights, hull port lights.

Galley: **L - shaped** galley, front opening fridge - 130l, S/S 3 flame cooker with oven and cooker cover, double sink with covers, mixing tap with pressurized water system, lockers, cupboards and drawers above and under the worktop, place for detergents, overhead lights, light over the worktop.

Forward cabin: Island shape double berth, 2 lateral stowage shelves, 1 hanging locker to port, lockers above the berth on port and starboard side, 2 drawers under berth, stowage under berth, 1 seat to port and starboard, 2 reading lights and overhead lights, hull portlights.

Forward Head: Marine toilette, washbasin with pressurized tap, storage lockers above the sink, lockers with mirror, 1 electric shower bilge pump, overhead lights, teak trim floors in shower compartment and WC, separate shower compartment with plexi doors, shower tap, opening port light.

Aft cabins: Double berth, storage under the berth, 1 double locker (hanging and shelves), 1 lateral storage shelf, 1 reading overhead light, hull port lights.

Aft Head: Marine toilette, washbasin with pressurized tap, storage lockers above the sink, 1 electric shower bilge pump, overhead lights, teak trim floors, opening port light.

Navigation station: Chart table, storage under navigation seat – hinged, instrument panel, reading LED spotlight, 12V socket in navigation corner, 220V socket in navigation corner, book shelves, lockers and drawers.

Wet locker by navigation corner.

MAST and RIG

Selden **keel stepped** aluminium anodized mast fractional, two swept back spreaders, Selden aluminium anodised **SLR boom, rod kicker** with gas spring.

Standing rigging in Compact quality.

Running rigging includes: 1 x main halyard in 1 x genoa1 halyard, 1 x genaker1 halyard, 1 x outhaul, 1 x reef1, 1 x reef2.

Selden **Furlex TD furler** for foresail sail, Holmatro **hydraulic tensioner** for backstay, windex, mast flood light.

DECK EQUIPMENT

Harken deck equipment

2 x Harken B46.2 halyard winch, 2 x Harken B50.2 foresail winch, 2 x Harken B46.2 main sail winch, Harken mainsail track on cockpit floors with mainsheet traveller and lines, Harken headsail tracks with travellers and lines, 2 x winch handles with holder.

German sheeting system for mainsail with sheets leads below deck level, S/S chain plates for shrouds, S/S chain plates for fore- and back- stay.

Deck

6 mooring cleats, S/S open bow pulpit with separated navigation lights, S/S stanchions, S/S push pits with navigation light, lifelines, recess for spray hood, **carbon retractable gennaker bow sprit** with **gennaker deck equipment, windlass 1000W with 10mm G**, jacking attachments on deck (5pcs).

Cockpit

2 x side cockpit lockers, 1 x stowage locker in transom, 1 x gas bottle locker draining outboard, S/S bathing ladder attach on swimming platform, S/S grab rails on coach roof, **two composite steering wheels** Elan 900mm, **swimming platform** - manual opening, compass beside steering pedestals, **teak on cockpit seats, teak on cockpit floor with teak helmsman supports**.

ENGINE EQUIPMENT

D2-55 Volvo Penta, S-Drive, 2 blade folding Flex o Fold propeller, engine control lever in cockpit, engine control panel with engine hour counter, fuel tank (203l) with fuel filter and water separator.

INSTALLATIONS

Water system

Fresh water tanks 440l, 12V fresh water pump, central electric bilge pump with automatic switch, hand bilge pump in cockpit.

Hot water system, boiler heated by engine cooling water, or by integrated heater run with 230V shore power.

Electrical system

12V circuit, two service AGM batteries 90Ah and one engine battery 85Ah, engine alternator 115Ah.

230V electricity, 230V socket in navigation corner, battery charger 12V/50Amp, 230V shore connection with 20m cable.

Navigation lights according to ColReg.

Gas system: 3kg butane-propane gas bottle, 30mbar pressure - relief valve with a shut-off valve.

Miscellaneous: owner's manual, 2 fire extinguishers, flag pole

OPTIONS - ELAN 450 Vulcain

*All prices are including installations of the items

CRUISING Pack	3.590,00 €
220V socket in each cabin, WC, galley	
12V socket in cockpit (by engine instruments)	
Guard rail side deck exit (port and strb)	
GORI Dynamic folding propeller 20x13x3 LHS/RHS	
NAVIGATOR pack 1	5.420,00 €
Raymarine ST 60 + Tridata System	
Raymarine ST 60 + Wind System	
Raymarine autopilot ST 6002 (Smart Pilot SPX30)	
NAVIGATOR pack 2	6.370,00 €
Raymarine autopilot ST70 (Smart pilot SPX30)	
Raymarine ST70 Wind, Speed,Depth system	
Raymarine ST70 2xdisplay	
NAVIGATOR Pack 3	9.290,00 €
Raymarine ST 70+ Wind, Speed, Depth System	
Raymarine ST 70+ 2 x Display	
Raymarine ST70+ keypad	
Raymarine Autopilot system ST 70+ (Smart Pilot SPX30)	
NAVIGATOR pack 4	3.965,00 €
2 x Tacktick Maxi Wireless Multi Display T210 x 2	
Tacktick Remote – Wireless portable Multi Function Display & NMEA interface T106	
Tacktick Wireless T108 Speed Depth & Wind System with Triducer (two multi Displays)	
Mast Bracket T232	
Flux gate compass T909	
PERFORMANCE Pack for GRAND PRIX RACING	45.384,00 €
SELDEN keel stepped clear coated CARBON mast	
Main sheet, head sail sheets and gennaker sheets in spectra quality	
Three color navigation light on mast top	
Internal "in mast" lazy jack system for main sail	
Running rigging in Dyneema quality includes:	
1 x main halyard Dyneema	
1 x head sail1 halyard Dyneema	
1 x head sail2 halyard Dyneema	
1 x gennaker1 halyard Dyneema	
Selden aluminium match race black anodized SLR boom	
1 x outhaul	
1 x reef1	
1 x reef2	
Standing rig: ROD / Cap tang system	
Furlex TD furler for head sail	
HULL & DECK	
Transport foil protection & loading	420,00 €
2,60m deep draft racing composite keel (iron fin, lead bulb)	5.272,00 €
2,05m shallow draft (lead keel)	4.472,00 €
Teak deck including 6 NOMEN foldable mooring cleats	14.370,00 €
SAILS & RIGGING	
Elan design VICTORY SAILS:	
main sail standard, hi modulus dacron 10 oz, cross-cut, 60.70sqm	3.639,00 €
main sail fully battened, hi modulus dacron 10 oz, cross-cut, 60.70sqm	4.705,00 €
main sail standard, spectra radial 10 oz, triradial cut, 60.70sqm	6.732,00 €
main sail fully battened, spectra radial 10 oz, triradial cut, 60.70sqm	8.271,00 €
furling head sail, hi modulus dacron 9 oz, cross-cut, 45.50sqm, with UV Acrylic Sunbrella cloth	2.487,00 €
furling head sail, spectra radial 9 oz, triradial cut, 45.50sqm, with UV Acrylic Sunbrella cloth	4.602,00 €
Elan design VICTORY gennaker, nylon 1.5oz, triradial cut, 205sqm	4.134,00 €
Lazy jacks + Lazy bag with front part around the mast - Acrylic Sunbrella with Logo "Elan 450"	687,00 €
Main sail cover - Acrylic Sunbrella with logo "Elan 450"	452,00 €
Sock for gennaker, nylon, reinforcements in dacron	552,00 €
Boom cover – Acrylic Sunbrella with logo "Elan 450"	394,00 €
Sock for head sail – Monospalmato	521,00 €
Additional Genoa halyard Dyneema including Harken block and Spinlock clutch	899,00 €
Hydraulic vang Holmatro	3.790,00 €

ENGINE & INSTALLATION	
Volvo Penta D2-75 engine	3.831,00 €
Upgrade to GORI 3 blade folding propeller 20x13x3 for D2-55	1.750,00 €
Upgrade to GORI 3 blade folding propeller 20x15x3 for D2-75	1.750,00 €
MaxPower retractable bow thruster	7.150,00 €
Webasto heating AIR TOP EVO 5500	3.501,08 €
Webasto air condition unit (saloon only)	4.320,00 €
Generator Paguro 4000	7.439,00 €
Foot pump for salt water in galley	363,00 €
Upgrade to Jabsco electric toilet (1 pcs)	890,00 €
DECK EQUIPMENT	
2 x electric Harken HB48.2STEAM upgrade for main sail winches	5.592,00 €
2 x electric Harken HB60.2STEAM upgrade for head sail winches	7.387,00 €
Colored steering wheels (in accordance to Elan color selection)	540,00 €
6 folding mooring cleats NOMEN	2.340,00 €
Upgrade to Lofrans windlass Project X3 1500W	868,00 €
Teak cockpit table with removable foot support	1.680,00 €
Cockpit cushions	550,00 €
Sprayhood	1.650,00 €
INTERIOR	
"Classic" teak interior	14.240,00 €
Folding saloon table with cushion for double berth	780,00 €
Choice of MICROFIBRE upholstery in accordance to Elan samples (saloon only)	1.239,00 €
Choice of LEATHER upholstery in accordance to Elan samples (saloon only)	1.630,00 €
Microwave oven in galley	440,00 €
Additional freezer in galley instead of strainer	465,00 €
ELECTRONICS	
Additional battery TAB AGM 12V 90Ah	283,00 €
Inverter Sterling Power Propower S 12V-350W-230V	337,00 €
Inverter Sterling Power Propower S 12V-700W-230V	628,00 €
Inverter / Charger Sterling Power Procombi S 12V-1500W/40A-230V	1402,00 €
Inverter / Charger Sterling Power Procombi S 12V-2500W/70A-230V	1842,00 €
Inverter / Charger Sterling Power Procombi S 12V-3500W/100A-230V	2283,00 €
Battery monitor Sterling Power PMP1+S200A 12V-24V	305,00 €
RAYMARINE AUTOPILOT SPX 30 ST6002	4.250,00 €
RAYMARINE AUTOPILOT SPX 30 ST70	4.490,00 €
RAYMARINE C90W display with GPS antenna	2.540,00 €
RAYMARINE E90W display with GPS antenna	3.490,00 €
RAYMARINE Radar ANTENNA 4kw HD 18" digital	2.460,00 €
RAYMARINE ST 60+ GRAPHIC	520,00 €
RAYMARINE ST 70 additional display	570,00 €
Raymarine ST 70+ display (only available with ST 70+ keypad)	1.290,00 €
Raymarine ST 70+ keypad	395,00 €
VHF RAYMARINE 49 E with GPS and VHF antenna	730,00 €
VHF RAYMARINE 240 EU (E42002) with GPS and VHF antenna	1.410,00 €
VHF RAYMARINE 240 EU 2 nd station in cockpit	345,00 €
RAYMARINE smart controller (remote control)	615,00 €
RAYMARINE connection (chart ploter to TV)	950,00 €
RAYMARINE connection (chart ploter to PC)	1.210,00 €
RAYMARINE AIS250 RECEIVER	700,00 €
RAYMARINE AIS500 - CLASS B TRANSCEIVER	1.220,00 €
TACKTICK wireless multi function dual digital display T111	528,00 €
TACKTICK wireless multi function maxi digital display T210	1.040,00 €
TACKTICK wireless multi function maxi dual display T215	890,00 €
TACKTICK remote - wireless portable multi function display / remote control T113	426,50 €
TACKTICK dual maxi mast brackets	164,00 €
TACKTICK 3up maxi mast brackets	214,00 €
12V plug on steering pedestal	103,00 €
ENTERTAINMENT	
Sony LCD wire, water proof radio hand control in cockpit (only available with Audio or Video pack)	304,00 €
iBoat DH	477,30 €
AUDIO Pack 520,00 €	
Sony radio GT640UI: CD, MP3, WMA; USB, AUX with hand controller	
Sony indoor speakers XS1326, 150W	
Sony outdoor speakers MR1610, 140W	
VIDEO Pack 1.342,00 €	
LED TV Samsung 22" DVB-T, C Tuner, USB, with TV holder	
Glomex 9125 DVB-T antenna, with holder	
Sony radio MEX-DV1600, DVD, MP3, WMA, AAC, DivX, MPEG-4,USB, AUX with hand controller	
Sony indoor speakers XS1326, 150W	