

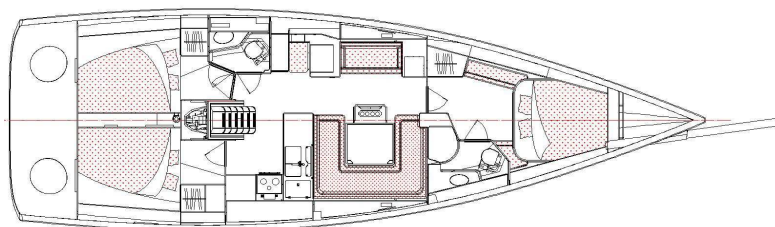
## RETAIL PRICELIST

RP – A – 2009 – 1

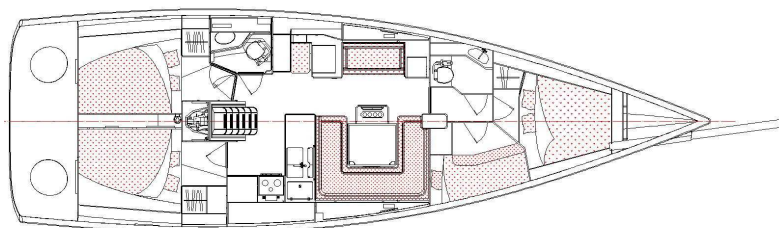
Effective: January 1<sup>st</sup> 2009

### STANDARD PRICE ELAN 450

<b>Version1:</b>	3 cabins, 2 toilette; Volvo D2-55	<b>245.990,00 €</b>
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<b>Version2:</b>	4 cabins, 2 toilette; Volvo D2-55	<b>247.990,00 €</b>
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All prices in EUR, excl. VAT. EXW Begunje, Slovenia. Elan Marine d.o.o. reserves the right to modify specifications and price lists without prior notice.

Elan Marine d.o.o. Begunje 1, 4275 Begunje na Gorenjskem, Slovenia  
[www.elan-yachts.com](http://www.elan-yachts.com)

RP – A – 2009 – 1

## TECHNICAL SPECIFICATION ELAN 450

Boat Type	Elan 450
Boat Class	Sailboat
Boat Design Category	A "Ocean"
Manufactured by	ELAN MARINE, d.o.o. Begunje 1, 4275 Begunje na Gorenjskem, Slovenia
Certification	Examination Report Module B+C
Notified body	GERMANISCHER LLOYD Head office Vorsetzen 35, D-20459 Hamburg, Germany
Length max.	13,60 m
Hull length	13,60 m
Length at waterline	12,52 m
Beam max.	4,37 m
Draft	2,25 / 2,60 m
Airdraft (incl. 1m antenna)	21,97 m
Unladen weight	9150 kg
Manufacturer's recommended load	1850 kg
Displacement max.	11,30 t
Ballast	4180 / 4020 kg
Engine power max.	55,0 kW / 75,0 hp
Fuel capacity	200 litres
Water capacity	440 litres
Holding tank (optional)	105 litres
Gas bottle (propane/butane)	3 kg
Maximum crew	10 persons
Cabins	4
Berths	8 + 2
Mainsail	60,70 m"
Genoa	56,30 m"
Genaker	205,00 m"
I	17,72 m
J	4,90 m
P	17,43 m
E	5,87 m
Design	Robert Humphreys Yacht Design

## 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 high quality materials sandwich construction using multi-directional fibreglass, low density closed cells fume core on hull sides and single skin on loaded areas, vinylester skin cote and isoftalic polyester resin. VAIL - vacuum assisted infusion lamination to considerably improve strength, mechanical and chemical properties of the hull powerful inner structure distribute all loads from the keel and rig effectively with a minimum flexing of the hull deck is laminated in 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 composite (iron fin / lead bulb) performance keel as standard

### **MAST and RIG**

Selden keel stepped aluminium anodised mast fractional, Two swept back spreaders in aluminium, Standard running rigging includes: 1 x main halyard in Dyneema quality, 1 x genoa1 halyard in Dyneema quality, 1 x genaker1 halyard, Selden aluminium anodised SLR boom, 1 x outhaul, 1 x reef1, 1 x reef2, Standing rig: Compact, Rod kicker with gas spring, Furler TD furler for head sail, Holmatro hydraulic tensioner for backstay, Windex, Mast flood light,

### **INTERIER**

**Standard layout:** 3 cabins and 2 toilettes

**Saloon** anigre wood interior, leather pannel ceiling, U shape satee, folding top saloon table, lockers and shelves above beekrests along the hull on both sides, overhead lights, blue Elan upholstery, Curtains over portlights.

**Galley:** L - shaped galley, Front opening fridge - 130l, S/S 3 flame cooker with oven with 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 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 shover compartment with plexi doors, shower tap.

**Forward cabin:** 1 island 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 and overhead lights,

**Aft cabins:** 1 double berth, storage under the berth, 1 double locker (hanging and shelves), 1 lateral storage shelve, 1 reading overhead 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

**Aft Head** marine toilette, washbasin with pressurized tap, storage lockers above the sink, 1 electric shower bilge pump, overhead lights, teak trim floors in shower compartment and WC.

### **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.

### **DECK EQUIPMENT**

Harken deck equipment, 2 x Harken B46.2 STA halyard winch, 2 x Harken B53.2 STA head sail winch, 2 x Harken B46.2 STA main sail winch, 2 x winch handles with holder, german sheeting system for mainsail with sheets leads below deck level, Harken mainsail track on cockpit floors with mainsheet traveler and lines, Harken headsail tracks with travelers and lines, S/S chainplates for shrouds, S/S chainplates for fore- and back- stay, 2 x side cockpit lockers, 1 x cockpit locker in transom, 1 x center cockpit locker in cockpit floors as storage for life raft and cockpit table, 1 x gas bottle locker draining outboard, S/S bathing ladder attacht on swimming platform, S/S grab rails on coachroof, two steering wheels Jefa 900mm with leather cover, swimming platform in transom, manual opening, wash boards with possibility of closing independed of sliding hatch, jackstays attachments on deck (5pcs), compass beside steering pedestals, compass beside steering pedestals, "sail or fender locker" in bow (anchor locker devided in two parts), teak on cockpit seats (vacum assisted), teak on cockpit floor (vacum assisted), teak helmsman supports on cockpit floor, 6 mooring cleats, S/S open bow pulpit with separated navigation lights, S/S stanchions, S/S pushpits with navigation light, lifelines, recess for sprayhood, carbon retractable genaker bow sprit with gennaker deck equipment, lofrans windlass 1000W with 10mm G.

**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:** hot water tank (boiler) heated by engine cooling water, or by integrated heater run with 230V shore power.

**Electrical system:** 12V circuit, two service battery 90Ah and one engine battery 85Ah, engine alternator 115Ah, navigation lights according to ColReg, 230V electricity, 230V socket in navigation corner, battery charger 12V/50Amp, 230V shore connection with 20m cable

**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

<b>ELAN 60 YEARS Jubilee pack</b>	<b>3.570,00 €</b>
2 speakers in saloon and 2 waterproof speakers in cockpit Foot pump for salt water in galley Black water tank Curtains over port lights and Ocean air blinds over hatches in saloon and forward cabin LED safety lights underneath companion way	
<b>CRUISER Pack</b>	<b>3.492,00 €</b>
Harken electric halyard winch, 46.2* (starboard side) Additional reading lights in saloon and cabins 220V socket in each cabin, WC, galley 12V socket in cockpit (by engine instruments) Guard rail side deck exit (port and strb)	
<b>NAVIGATOR pack 1</b>	<b>5.598,00 €</b>
Raymarine autopilot ST6002 (Smart pilot S3) Raymarine ST60+ Tridata Raymarine ST60+ Wind Raymarine ST60+ Graphic Raymarine C80 display with GPS antenna, fitted at chart table	
<b>NAVIGATOR Pack 2</b>	<b>5.620,00 €</b>
Raymarine ST 70 Wind, Speed, Depth System Raymarine ST 70 2 x Display Raymarine Autopilot system ST 70	
<b>NAVIGATOR pack 3</b>	<b>8.895,00 €</b>
Raymarine Autopilot ST6002 (Smart pilot S3G Gyro) Raymarine ST290 system pack T22071 Raymarine ST290 active Wind E22068 Raymarine ST290 graphic E22057 Raymarine ST290 graphic E22057 Raymarine E80 display with GPS antenna, fitted at chart table	
<b>NAVIGATOR pack 4</b>	<b>2.296,00 €</b>
Tacktick Wireless T108 Speed Depth & Wind System with Triducer (two multi Displays) Tacktick Wireless Dual Digital Multi Display x 2 T111	
<b>NAVIGATOR pack 5</b>	<b>3.792,00 €</b>
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	

\* When purchasing a pack, it is not allowed to change the configuration of the pack. All prices are including installations of the items.

<b>PERFORMANCE Pack for CLUB RACING</b>	<b>13.956,00 €</b>
<b>PERFORMANCE Pack for CLUB RACING* (with Cruiser's Pack)</b>	<b>11.956,00 €</b>
Upgraded Harken winches 2 x Harken B46.2 STA halyard winch (stbr side electric)* 2 x Harken B53.2 STA head sail winch 2 x Harken B48.2 STA main sail Main sheet, head sail sheets and gennaker sheets in spectra quality Performance SELDEN keel stepped mast 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 gennaker1 halyard Dyneema Selden aluminium anodized SLR boom 1 x outhaul 1 x reef1 1 x reef2 Standing rig: ROD Furler TD furler for head sail	

<b>PERFORMANCE Pack for GRAND PRIX RACING</b>	<b>45.384,00 €</b>
SELDEN keel stepped clear coated CARBON mast Upgraded Harken winches 2 x Harken B46.2 STA halyard winch 2 x Harken B53.2 STA head sail winch 2 x Harken B48.2 STA main sail 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 Furler TD furler for head sail	

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<b>HULL &amp; DECK</b>	
Gray hull	1.540,00 €
Blue hull	3.684,00 €
Water line color different from standard Blue (according to selection)	669,00 €
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 €
<b>SAILS &amp; RIGGING</b>	
Elan design VICTORY SAILS:	
main sail standard, hi modulus dacron 10oz, cross-cut, 60.70sqm	3.238,00 €
main sail fully battened, hi modulus dacron 10oz, cross-cut, 60.70sqm, Selden sliders	4.050,00 €
main sail standard, spectra radial 10.0oz, triradial cut, 60.70sqm	5.969,00 €
main sail fully battened, spectra radial 10.0oz, triradial cut, 60.70sqm, Selden sliders	6.985,00 €
furling head sail, hi modulus dacron, cross-cut, 45.50sqm, with UV Acrylic Sunbrella cloth	2.199,00 €
furling head sail, spectra radial, triradial cut, 45.50sqm, with UV Acrylic Sunbrella cloth	4.171,00 €
Elan design VICTORY gennaker, nylon 1.5oz, triradial cut, 205sqm	3.764,00 €
Lazy jacks + Lazy bag with front part around the mast - Acrylic Sunbrella with Logo "Elan 450"	492,00 €
Main sail cover - Acrylic Sunbrella with logo "Elan 450"	325,00 €
Sock for gennaker, nylon, reinforcements in dacron	460,00 €
Additional Genoa halyard Dyneema including Harken block and Spinlock clutch	899,00 €
Hydraulic vang Holmatro	3.790,00 €
<b>ENGINE &amp; INSTALLATION</b>	
Volvo Penta D2-75 engine	3.831,00 €
Upgrade to FLEX-O-FOLD 3 blade propeller 18x14x3 for D2-55	1.350,00 €
Upgrade to FLEX-O-FOLD 3 blade propeller 20x14x3 for D2-75	1.580,00 €
MaxPower retractable bow thruster	8.150,00 €
Webasto heating 5000	3.120,00 €
Webasto air condition unit (saloon only)	4.320,00 €
Generator Masterwolt Whisper 3.5 (3kW) 3.000rpm	9.852,00 €
Foot pump for salt water in galley	363,00 €
Upgrade to Jabsco electric toilet	890,00 €
<b>DECK EQUIPMENT</b>	
Hydraulic opening system for swimming platform	5.920,00 €
Hydraulic support for gangway (only available with hydraulic opening system for swimming platform)	19.600,00 €
2 x electric Harken HB48.2STEA upgrade for main sail winches	5.592,00 €
2 x electric Harken HB60.2STEA upgrade for head sail winches	7.387,00 €
Racing Harken winches (only as upgrade with Performance Pack for Grand Prix Racing)	22.560,00 €
2 x Harken racing B50.2 STRA halyard winch	
2 x Harken racing B65.2 STRA head sail winch	
2 x Harken racing B50.2 STRA main sail winch	
2 x Carbon steering wheel - Elan design	4.240,00 €
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 €
Guard rail exits	670,00 €
<b>INTERIOR</b>	
"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 €
<b>ELECTRONICS</b>	
Additional battery AGM 90Ah	377,00 €
MASTERVOLT mass combi (inverter / charger) 1200W/60A	1.774,00 €
MASTERVOLT mass combi (inverter / charger) 2000W/100A	2.110,00 €
RAYMARINE AUTOPILOT Smart Pilot S3 ST6002	3.240,00 €
RAYMARINE AUTOPILOT Smart Pilot S3G(yro) ST6002	3.620,00 €
RAYMARINE C80 display with GPS antenna	2.020,00 €
RAYMARINE E80 display with GPS antenna	2.950,00 €
RAYMARINE Radar ANTENNA 2kw (only with C80 or E80 display)	1.790,00 €
RAYMARINE ST290 graphic display E22057 (only available with Navigator's Pack2)	1.010,00 €
RAYMARINE ST 60+ SPEED	420,00 €
RAYMARINE ST 60+ DEPTH	430,00 €
RAYMARINE ST 60+ GRAPHIC	470,00 €
RAYMARINE ST 70 additional display	550,00 €
TACKTICK wireless multi function wind system T101	898,00 €
TACKTICK wireless multifunction speed & depth system T103	756,00 €
TACKTICK wireless multi function digital display T110	499,00 €
TACKTICK wireless multi function dual digital display T111	511,00 €
TACKTICK wireless multi function analogue display T112	571,00 €
TACKTICK wireless multi function maxi digital display T210	884,00 €
TACKTICK wireless multi function maxi dual display T215	816,00 €
TACKTICK remote - wireless portable multi function display / remote control T113	408,00 €
TACKTICK vertical wind T220 (1.35m to clear upwash disturbance)	1.632,00 €
TACKTICK dual maxi mast brackets	136,00 €
TACKTICK 3up maxi mast brackets	190,00 €
TACKTICK active GPS antenna T908	326,00 €
TACKTICK flux gate compass transducer T909	231,00 €
VHF RAYMARINE 49 E with GPS antenna	630,00 €
VHF RAYMARINE 240 EU (E42002) with GPS antenna	1.150,00 €
VHF RAYMARINE 240 EU 2 <sup>nd</sup> station in cockpit	890,00 €
KENWOOD FM/AM radio with CD, MP3	280,00 €
iBoat DH (available only with speaker and radio)	370,00 €
iBoat DHP (available only with speakers)	540,00 €
2 speakers in saloon and 2 waterproof speakers in cockpit	240,00 €
12 V plug in cockpit	103,00 €

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