



88 carbon | specification and equipment

delta
POWERBOATS

Technical data

L.O.A	25.72 m	84.4 ft
Construction length	23.82 m	78.15 ft
Beam	6.22 m	21.72 ft
Draft	1.72 m	5.64 ft
Bridge clearance	7.70 m	25.26 ft
Displacement	43,000 kg	94,799 lbs (dry)
	45,000 kg	99,208 lbs (wet)
	55,000 kg	121,254 lbs (max)
Fuel	2 x 2,740 liters	1,448 US gallons
Fresh water	1,450 liters	383 US gallons
Grey water	270 liters	53 US gallons
Black water	270 liters	53 US gallons
Engines:	3 x Volvo Penta IPS 1200 900hp, 2,700hp total	
Cruise speed	10–33 knots (load-dependent)	
Top speed	36–38.5 knots (load-dependent)	
Stabilization	Seakeeper 16 zero-speed, gyroscopic stabilization system	
Electrical	Mastervolt CZone 24V/220V	
CE Class	B	
Commercial classification	RINA with MCA compliance	
Electrical certification	RINA	
Design	Lars Modin	
Construction	Lightcraft/Diab/Luksusjaht	
Manufacturer	Luksusjaht AS	

Construction

Deep V-hull with speed rails.
 100% carbon fiber, selected secondary bonding in e-glass.
 Hull structure, bulkheads, deck bulkheads, roof, flybridge, and engine room in vacuum-infused Diab carbon fiber/vinylester/divinycell.
 Hull and superstructure in white gelcoat, 2 x waterlines in black gelcoat.
 Plumbing pipes in stainless steel and PVC.
 Calculations and weight optimization by Diab.

Deck

- 1 x Hand-laid, vacuum-glued teak deck
- 2 x Stainless steel handrails
- 1 x Stainless steel, custom-fabricated pennant pole, bow
- 1 x Stainless steel, custom-fabricated flag pole, aft
- 60 x Courtesy lights with day/night zones for guest safety and ease of navigation
- Lewmar flush hatches used throughout – except for teak clad hatch at forecastle access
- Multiple sound zones with Sonance Audio drivers and full wireless Control4 management

Outside social areas, main deck

- 1 x Aft deck sofa
- 1 x Aft deck hi/low table convertible to sunpad
- 1 x Aft deck sofa cushion set
- 1 x Aft deck sofa cover
- 1 x Aft deck table cover
- 1 x Aft deck retractable ShureShade awning in Sunbrella
- 1 x Aft deck serving galley
- 1 x Isotherm ice maker
- 1 x Foredeck sofa with Sunbrella cushions
- 1 x Foredeck hi/low table with Sunbrella cover
- 1 x Foredeck sunpad with storage and Sunbrella cushions
- 1 x Foredeck sunpad cover
- 5 x Foldable outside chairs, Dedon X chair
- 4 x Sonance Sound outside speakers
- 2 x Control4 sound zones – Foredeck/Aft deck (streaming from iPhone or onboard Mac)

Flybridge forward

- 1 x Treben Italy captain's sofa, providing seating for captain plus four (2/1/2)
- 1 x Volvo Penta joystick control in captain's armrest with autopilot control
- 1 x Delta steering wheel
- 1 x Volvo Penta/Garmin Glass Cockpit System
- 1 x Volvo Penta gear/throttle unit
- 1 x Volvo Penta autopilot
- 3 x Garmin 12" HD multifunction touch displays

- 1 x Garmin VHF with loudspeaker
- 1 x Lewmar windlass control unit with chain counter
- 1 x Humphree interceptor display and control pad
- 1 x Jabsco search light
- 1 x Magnetic compass
- 1 x GPS compass
- 1 x Graphic overview of yacht with indicators for gensets/shore power/nav lights
- 1 x Switchboard with 12 direct switches for controlling the yacht's most vital functions
- 1 x Windscreen
- 2 x Side storage compartments

Flybridge aft

- 1 x U-shaped sofa with cushions and cover in Sunbrella fabric
- 1 x Hi/low teak table with insert cushion and cover in Sunbrella fabric
- 1 x Flybridge sunpad in Sunbrella fabric with cover
- 1 x Electrohydraulic bimini top
- 1 x Wetbar with Vola faucet
- 1 x Isotherm 50 liter marine refrigerator, 24V
- 2 x Storage lockers
- 4 x Sonance Sound outside speakers
- 1 x Control4 sound zone – Flybridge (streaming from iPhone or onboard Mac)
- 1 x Carbon fiber radar arch with attachments for radar/antennas
- 1 x Garmin GMR 626 xHD2 6' open array radar
- 2 x High beam spotlights (work/security lights) in radar arch, 2 aft
- 10 x Courtesy lights
- 1 x Garmin wind indicator

Main station

- 1 x Treben Italy captain's leather sofa
- 1 x Treben Italy electrically controlled captain's leather seat
- 1 x Leather side sofa for two
- 1 x Webasto electrical skylight
- 1 x Oceanair remote controlled blind for skylight
- 3 x Windscreens in hardened glass with wipers and powered washers
- 1 x Delta steering wheel
- 1 x Volvo Penta gear/throttle unit
- 1 x Volvo Penta joystick in captain's armrest with autopilot control
- 1 x Volvo Penta autopilot
- 1 x Czone data interface
- 1 x Volvo Penta Glass Cockpit system
- 3 x Garmin 22" HD multifunction touch displays
- 1 x Garmin depthsounder module HF
- 1 x Garmin AIS module (transmit and receive)
- 1 x Garmin VHF with loudspeaker
- 3 x Garmin engineroom cameras
- 1 x Apple iPad Pro with pre-installed CZone and Control4 apps
- 1 x Lewmar windlass control unit with chain counter
- 1 x Search light control
- 1 x Humphree interceptor display and control pad, fully automated
- 1 x Magnetic compass
- 1 x Backup navigation application installed on iPad
- 1 x SeaKeeper display and control pad
- 1 x Graphic overview of yacht with indicators for gensets/shore power/bilge alarms/nav lights
- 1 x Switchboard with 16 direct switches for the yacht's most vital functions
- 1 x Dedicated 180AH lithium cell with isolated charging for navigation instruments
- 1 x Storage for printed full-size charts
- 1 x Storage locker
- 1 x Tinted glass technical locker with the following control units:
 - 1 x Czone 12" master display
 - 2 x Fischer Panda controls
 - 1 x AC controls for mainstation
 - 1 x AC compressor control
 - 1 x Fire alarm system
- 1 x Delta Air engine fans control with 5" display
- 1 x Black water gauge
- 1 x Black water discharge activator
- 1 x Gray water gauge
- 1 x Gray water discharge activator
- 1 x Fresh water gauge
- 1 x HRO Systems watermaker control unit
- 1 x Emergency fire alarm activator

Salon

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Oiled teak flooring.

- 2 x L-shaped leather sofas, seats approximately 12
- 2 x Leather side seats
- 2 x Teak salon tables
- 8 x OceanAir leather covered, remote controlled blinds
- 4 x Philippe Starck table lamps 220V
- 24 x Spotlights
- 1 x Bar locker
- 1 x Wine cooler for 20 wine bottles
- 1 x Samsung 55" TV
- 1 x Apple TV connected to onboard Wi-Fi and Mac mini
- 1 x Apple iPod with Control4 remote control for TV/sound
- 1 x Control4 Sound zone – Salon (streaming from iPhone or onboard Mac)
- 6 x Sonance Sound roof mounted speakers
- 1 x Future Automatics hi/low remote controlled "TV-elevator"
- 1 x Opacmare custom made sliding aft doors
- 2 x Opacmare electrically locked pantograph side doors
- 6 x Side windows in 9 mm hardened glass
- 2 x 12V outlets
- 4 x 220V convenience outlets
- 4 x USB outlets
- 6 x Air conditioning diffusers
- 1 x Delta Air 24V ventilation system
- 1 x Dining table and 8 x dining table chairs

Galley

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Oiled teak flooring. Countertops in Corian.

- 1 x Miele five burner cooktop with touch controls
- 1 x Miele speed oven (oven/microwave)
- 2 x Miele full-size (6 ft. tall) fridge/freezer with pin-locks
- 1 x Miele dish washer
- 1 x Stainless steel double sink
- 1 x Vola faucet
- 1 x Kitchen extraction fan, 220V with carbon filter + outside ventilation (not a recirculating unit)
- 1 x set of stemware/glassware, all custom-fitted in cabinets, including:
 - 12 x littala champagne glasses
 - 12 x littala wine glasses
 - 12 x littala seltzer glasses
 - 12 x littala highball glasses
 - 12 x littala dinner plates "Teema"
 - 12 x littala side plates "Teema"
 - 12 x littala bowls "Teema"
 - 12 x littala coffee/tea cups "Teema"
- 1 x Collection of cutlery and kitchen utilities
- 1 x Collection of littala pans and casseroles
- 1 x Oversized trash compartment
- 1 x Standard trash compartment
- 1 x Safeguard around stove top
- 4 x 220V convenience outlets
- 8 x Spotlights
- 1 x Courtesy lights
- 1 x Night light
- 1 x Fire extinguisher
- 1 x Fire blanket
- 1 x Fire alarm unit

Owner's cabin

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Oiled teak flooring. Miscellaneous storage and drawers.

- 1 x 20cm thick mattress with Sunbrella interior cover
- 1 x 7cm thick makeup mattress with Sunbrella interior cover
- 1 x Leather sofa, seats three
- 2 x Custom made leather seats
- 1 x Make up table/work desk
- 1 x Isotherm marine refrigerator
- 1 x Combined glass/wine cabinet
- 1 x Concealed safe
- 4 x Sonance Sound roof mounted speakers
- 1 x Control4 sound zone — Owner's cabin (streaming from iPhone or onboard Mac)
- 1 x Apple iPod with Control4 remote control for TV/sound
- 1 x Garmin 12" touchscreen display for engine data, nav data, genset and shore power status
- 4 x USB outlets
- 4 x 220V convenience outlets
- 1 x Air conditioning diffuser
- 1 x Webasto air control unit
- 12 x Spotlights
- 2 x Bedside lights
- 6 x Concealed lights
- 4 x Side windows
- 2 x Deck windows, operable for ventilation
- 4 x OceanAir manual blinds for windows
- 1 x Delta Air 24V ventilation system
- 1 x Fire alarm
- 1 x Fire extinguisher
- 1 x Fire blanket

Owner's cabin walk-in-closet

- 1 x Overhead light
- 1 x Access to crew area
- 1 x Mirror
- 1 x Deck window, operable for ventilation
- 18 x Delta hangers

Owner's cabin bathroom:

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Miscellaneous storage and drawers. Corian flooring. Glass mosaic tiles on shower walls.

- 1 x Custom made counter top in corian with two integrated sinks
- 2 x Vola lavatory faucets, wall mounted
- 1 x Vola shower column
- 1 x Vola shower blender
- 1 x Vola roof-mounted rainshower
- 1 x Vola handheld shower wand
- 1 x Wall mounted mirror
- 10 x Spotlights
- 1 x Concealed light
- 1 x Deck window operable for ventilation
- 1 x Towel dryer
- 1 x Tecma silent flush toilet
- 1 x Custom made toilet paper holder in corian
- 1 x Custom made glass shower enclosure
- 1 x Air conditioning diffuser
- 1 x Webasto air conditioning control unit
- 1 x Switchable opacity glass wall between owner's cabin and bathroom
- 2 x 220V Convenience outlets

VIP guest cabin

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Miscellaneous storage and drawers. Oiled teak flooring.

- 1 x 20cm thick mattress with Sunbrella interior cover
- 1 x 7cm thick makeup mattress with Sunbrella interior cover
- 1 x Samsung 42" TV
- 1 x Apple TV connected to onboard Wi-Fi and Mac mini
- 4 x Sonance Sound roof mounted speakers
- 1 x Control4 sound zone – VIP cabin (radio/mp3/streaming from iPhone or onboard Mac mini)
- 1 x Apple iPod with Control4 remote control for TV/sound
- 1 x Garmin 7" Multi-display
- 2 x USB outlets
- 2 x 220V convenience outlets
- 1 x Delta Air 24V ventilation system
- 1 x Air conditioning diffuser
- 1 x Webasto air conditioning control unit
- 8 x Spotlights
- 2 x Bedside lights
- 6 x Concealed lights
- 4 x Side windows
- 3 x OceanAir manual blinds for windows
- 1 x Lewmar deck hatch 80 x 80 cm with integral blind and mosquito screen
- 1 x Fire alarm
- 1 x Fire extinguisher
- 1 x Fire blanket

VIP guest cabin bathroom

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Oiled teak flooring. Miscellaneous storage and drawers. Corian flooring. Glass mosaic tiles on shower walls.

- 1 x Custom made counter top in Corian with integrated sink
- 1 x Wall mounted mirror
- 1 x Vola wall mounted lavatory faucet
- 1 x Vola Shower Column
- 1 x Vola shower blender
- 1 x Vola handheld shower
- 1 x Towel dryer
- 6 x Spotlights
- 1 x Concealed light
- 1 x Tecma silent flush toilet
- 1 x Custom made toilet paper holder in Corian
- 1 x Custom made glass shower enclosure
- 1 x Deck window operable for ventilation
- 2 x 220V convenience outlets

Day head

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Oiled teak flooring. Miscellaneous storage and drawers.

- 1 x Miele washing machine, 5kg loads
- 1 x Miele dryer
- 1 x 220V iron with ironing board integrated in custom-made storage locker
- 1 x Tecma silent flush toilet
- 1 x Delta Air 24V ventilation system
- 1 x Deck window operable for ventilation
- 6 x Spotlights
- 1 x Fire alarm
- 1 x Fire blanket
- 1 x Fire extinguisher

2 x Guest cabins

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Oiled teak flooring. Miscellaneous storage and drawers.

20cm thick mattresses with Sunbrella interior cover

1 x Samsung 28" TV

1 x Apple TV connected to onboard Wi-Fi and Mac mini

2 x Sonance Sound roof mounted speakers

1 x Control4 sound zone – Guest 1/2 (streaming from iPhone or onboard Mac)

1 x Apple iPod with Control4 remote control for TV/sound

1 x Delta Air 24V ventilation system

2 x USB outlets

2 x 220V Convenience outlets

1 x Air conditioning diffuser

1 x Webasto air conditioning control unit

6 x Spotlights

3 x Bedside lights

6 x Concealed lights

2 x Side windows

3 x OceanAir manual blinds for windows

1 x Fire alarm

1 x Fire extinguisher

1 x Fire blanket

2 x guest cabins bathrooms

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Miscellaneous storage and drawers. Corian flooring. Glass mosaic on shower walls.

1 x Custom made counter top in corian with integrated sink

1 x Wall mounted mirror

1 x Vola wall mounted lavatory faucet

1 x Vola shower column

1 x Vola shower blender

1 x Vola handheld shower wand

1 x Towel dryer

1 x Tecma silent flush toilet

1 x Custom made toilet paper holder in corian

2 x 220V convenience outlets

6 x Spotlights

Crew cabin

Woodwork in select grade teak, varnished in six layers. Doors, front panels, and drawer panels made in ultra-light-weight foam and vacuum-applied teak veneer. Roof panels in off-white Italian soft fabric. Oiled teak flooring. Corian on shower floor. Miscellaneous storage and drawers.

1 x Opacmare manual pantograph door

1 x Stainless steel custom made staircase

4 x 16cm thick mattresses with Sunbrella interior cover

4 x 7cm thick makeup mattress with Sunbrella interior cover

2 x Samsung 24" TV

1 x Delta Air 24V Ventilation system

2 x USB outlets

2 x 220V Convenience outlets

2 x Air conditioning diffuser

2 x Webasto air conditioning control unit

8 x Spotlights

2 x Bedside lights

6 x Concealed lights

4 x Deck windows

4 x OceanAir manual blinds for windows

1 x Garmin 12" MFD display

1 x Fire alarm

1 x Fire extinguisher

1 x Fire blanket

1 x Isotherm marine refrigerator

1 x Microwave

1 x Sink with Vola faucet

- 1 x Tecma silent flush toilet
- 1 x Vola Shower Column
- 1 x Shower with Vola blender and handheld shower wand

Engine room

- 3 x Volvo Penta IPS 1200 systems – engines, pods, integrated control systems
- 1 x Volvo Penta electronic steering system
- 2 x Volvo Penta electronic gear/throttle (main/flybridge)
- 4 x Volvo Penta docking stations/joystick (main/flybridge/SB aft wing/P aft wing)
- 1 x Volvo Penta trip computer program reports to Garmin and Volvo 7" displays.
- 1 x Volvo Penta GPS anchor program (DPS Dynamic Positioning System)
- 3 x Twin pre-filters with crossover and "hot swap" valving (can be changed whilst underway)
- 1 x Engine room light
- 1 x Automatic fire extinguish system
- 1 x Manual fire extinguisher
- 1 x Automatic bilge pump with alarm and sensor
- 1 x Manual bilge pump
- 2 x 220V convenience outlets
- 1 x Humphree interceptors 1,400 mm with auto trim/list and twin controls (main station, flybridge)
- 1 x SeaKeeper16 gyrostabilizer with controls
- 2 x Delta Air custom engine room ventilation, inlet and outlet with 230V and remote controlled fans
- 1 x ASEA full-time power conversion and conditioning system, 36 kw
- 1 x Aircompressor 230V
- 1 x Workstation with fixed wrench

Tender and tender garage

- 1 x Williams 385 Tender or Siner'G Aermarine 360 Cabrio with 40hp Suzuki or Yamaha
- 1 x Tender garage light
- 1 x Stainless steel slider system for tender
- 1 x HB Technik electrohydraulic winch with controls
- 1 x HB Technik electrohydraulic garage door with controls
- 1 x Aircompressor outlet

Mooring

- 1 x Anchor, 80 kg, attached to 100 m stainless steel chain
- 1 x 24V Lewmar V-series windlass with capstan, foot switch and remote control
- 1 x Stainless steel custom made drop safe anchor mechanism
- 4 x Stainless steel custom made mooring cleats, bow
- 2 x Stainless steel custom made mooring cleats, amidships
- 2 x Stainless steel custom made mooring cleats, aft
- 2 x Stainless steel custom made mooring cleats, swim platform
- 4 x Stainless steel custom made fairleads, bow
- 2 x Stainless steel custom made fairleads, amidships
- 2 x 24V Lewmar mooring winches, aft mounted, with foot switches
- 2 x Custom made amidships doors

Exterior storage

- 1 x Oversized anchor and fender storage locker, bow
- 2 x Additional storages on foredeck with lights
- 1 x Outside locker with Opacmare pantograph door with:
- 4 x Shelves approximately 80 x 80cm
- 1 x EPIRB mounting plate
- 1 x Line hook
- 1 x Shurhold deck cleaning set

Forepeak

- 1 x Dometic XTC 1800 watermaker, 2.2LPH minimum
- 2 x Dedicated Mastervolt 180AH lithium cells batteries for windlass + bow thruster
- 1 x Mastervolt 100A/24V charger for windlass + thruster battery bank
- 4 x Drawers
- 4 x Carbon fiber covered storage shelves approximately 2 x 0.7m
- 1 x Bilge pump
- 1 x Light
- 1 x Teak clad deck hatch
- 1 x Access to anchor storage
- 1 x Stainless steel staircase
- 1 x Bimini for forward dining area with color-matched Sunbrella fabric

Electrical

- 24V electrical by Mastervolt CZone. All distribution of 24V by CZone digital bus system.
- 2 x Fischer Panda 30KW gensets with stainless steel soundbox and dedicated balanced enginemounts
- 2 x Mastervolt AGM 75AH genset starting batteries
- 1 x Mastervolt Lithium 180AH navigation system battery bank
- 1 x Mastervolt navigation system charger 50A
- 3 x Mastervolt AGM 160AH main-engine starting batteries
- 8 x Mastervolt lithium 180AH service batteries
- 1 x ASEA Frequency converter/transformer for 110V@60Hz/220V@50Hz 36 Kva
- 1 x Mastervolt charger for main engine batteries @35A
- 4 x Mastervolt combi inverter/charger 100A/3500W
- 1 x Mastervolt charger for genset battery @20A
- 2 x CZone 12" displays for status and control of the electrical systems (crew cabin/main station)
- 12 x Remote main service battery switches
- 1 x 63A shore power cable on glendinning reel
- 1 x Set of Lopolight led navigation lights
- 2 x Horns
- 3 x Apple TV with dynamic switching and crew access to library

Technical/mechanical systems

- 1 x Bowthruster, SidePower, 240 Tci, 15hp, 24V
- 2 x Water heaters, 80 l each
- 1 x Freshwater system with dual freshwater pumps and accumulator tank, 230V
- 1 x Jabsco washdown pump with 2 hose bibbs (fore deck + aft deck)
- 1 x Webasto triple compressor chiller 150,000 BTU
- 6 x Webasto fancoils, salon
- 1 x Webasto fancoil for each cabin
- 1 x Webasto fancoil for owner's bathroom
- 1 x Webasto diesel-heated heat exchanger water loop for heating without using the compressors
- 8 x Underwater led lights, white
- 5 x 24V bilge pumps with float switch and alarm (total onboard)
- 3 x Manual bilge pumps
- 3 x Wiper motors with variable speed and twin arm

- 1 x Wiper washdown pump and reservoir
- 1 x Opacmare passerelle with remote and fixed controls
- 1 x Opacmare "transformer" swim platform for launch of additional toy or to be used as passerelle
- 1 x satellite TV system
- 1 x Wi-Fi system
- 1 x Delta Air 24V ventilation system, 1 unit for each cabin and 2 units for salon area
- 1 x Pair of spare propellers

Safety equipment

- 12 x Automatic life vests
- 2 x Life rafts, 8 persons each, Plastimo in hard canister, stored underneath bow sunpad
- 2 x Jon Buoy, carbon fiber finish
- 1 x Set flares
- 1 x Toolkit
- 1 x Set cordless drill
- 1 x Set first aid kit
- 1 x Set Volvo Penta spare parts
- 1 x EPIRB, fixed mounting
- 1 x Portable emergency bilge pump with 20m hose
- 12 x Custom made inflatable fenders
- 12 x Mooring lines in various lengths
- 1 x Spare anchor 30 kg with 60m line

Operations manual

The vessel will be provided with an owner's operating manual, which includes:

- General description of the vessel systems and operating procedures
- Maintenance checklists and schedules
- Systems schematics and equipment documentation
- Electrical (by system)
- Lighting arrangement plans
- AC and DC panel layouts
- Fuel system
- Head systems
- Black water system
- Grey water system
- Hull lifting sling locations
- Roof panel plan

Price

Price on application.

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