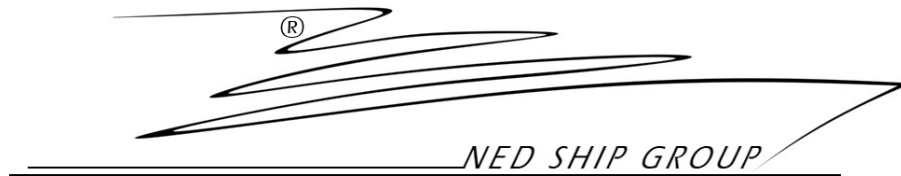


*A product of NED Ship Group, Antalya, Turkey*

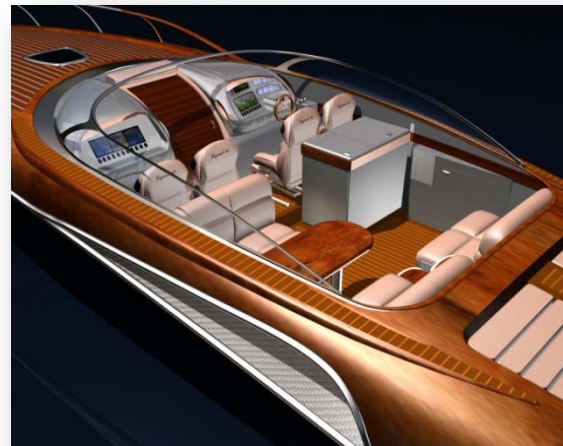
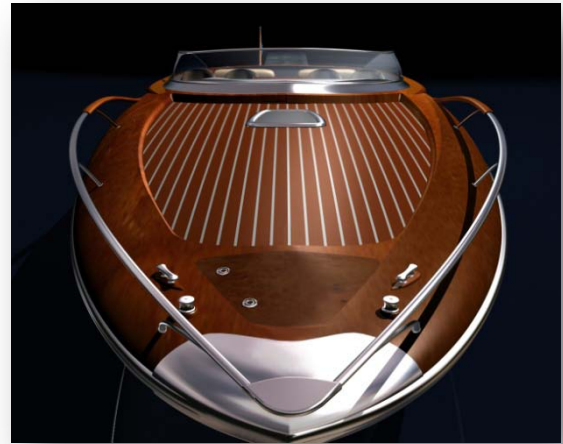


# CAVALLA 45



# Technical Specifications

Project Number - .....



# Part 1 - Basic Specifications

## A - MAIN CHARACTERISTICS

Type of vessel	Twin screw motor boat
Type of hull	High speed planning
Hull material	E-glass & epoxy & carbon composite sandwich
Main power (standard)	Ilmor, MV10-650, 10 cyl, 2 x 650 hp
	Option: Other Ilmor packages, Volvo, Caterpillar, Seatek or Yanmar marine diesel

### *1. Dimensions / Displacement*

Length overall	14,6 meters
Beam	3,9 meters
Design displacement	9.900 kilograms
Fuel capacity:	2.500L
Water capacity:	800L
Engines:	2 x 650 Hp to 2 x 1050 Hp

### *2. Tank Capacity*

Fuel tank	2500 litres
Fresh water	800 litres

## **B - DESIGN & ENGINEERING**

### ***1. Exterior Styling***

**NED Ship Group**, Antalya, Turkey

### ***2. Interior Styling and Design***

**NED Ship Group**, Antalya, Turkey

### ***3. Naval Architecture***

**NED Ship Group**, Antalya, Turkey

### ***4. Structural Engineering***

**NED Ship Group**, Antalya, Turkey

### ***5. Systems Engineering***

**NED Ship Group**, Antalya, Turkey

## **C - APPROVAL & CHANGES**

### ***1. Periodic Approval***

Some installations may need to be tested and/or approved before other work can be started. Periodically the shipyard project manager may require the approval of the correct positioning, installation, functioning, and/or positive testing of an item.

Therefore, the project manager will notify the client or his designated representative in writing within 10 days of the date of item to be approved. Witnessing of the correct result will be accompanied by the client or his authorised representatives signature. Refusal to comment or attend will imply that the item has been accepted. This is required for the smooth completion of the vessel and avoids changes later on that may not be possible.

### ***2. Change Orders***

Any deviation from this specification can only be made by the client or his authorised representative submitting a change order. A CO form will be provided. This CO will be duly signed by the client or his authorised representative.

If the requested change is accepted by TSMM/NEDSHIP, the cost and the construction delay incurred by the change will inserted on the CO by the Shipyard Manager. If the cost and delay is accepted by the client, then he will sign same and return it to the Shipyard Manager. The original copy will then be appended to these specifications.

TSMM/NEDSHIP reserves the right to refuse any change order that it deems to be detrimental to the good design, performance or safety of the vessel.

## **D - MAJOR EQUIPMENT & MATERIALS**

### ***1. Hull Structure***

Resin & hardener	MGS or equal	Epoxy L135 -H137
E - glass fibre	Selcom or equal	Stitched multiaxials
Carbon fibre	EPO	Uni
PVC core	Diab	Divinycell H 60/80/100
Insulation	Izocam	

### ***2. Propulsion***

Main engines	Ilmor, MV10-650, 10 cyl	2 x 650 hp
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Other engines as options up to 2 x 1050 hp (Gas or Diesel)

### **Standard Equipment:**

- Bimini top
- High quality custom classic upholstery. Marine leather, embroider emblems
- Volume single cabin with enclosed bathroom and high gloss mahogany wood interior with fully equipped galley
- Captain helm seats/ u-sofa
- Custom classic steering wheel, tilt function.
- Custom classic gauge panel
- Engine instruments
- Engine oil pressure
- Engine water temperature indicator
- Revolutions counter and hours indicator
- Fuel and water level indicators
- Furuno 8" 3D GPS/Depth sounder
- Compass
- Horn
- Helm operated electrical anchor windlass
- Generator 10 KW
- Air condition 12.000 BTU
- 12V socket
- 50L refrigerator
- Toilet room, electric toilet , sink cold/hot water, shower
- Hydraulic power steering
- Trim tabs
- Deck hardware stainless steel / brass-chrome
- Navigation lights (S/S classic)
- Courtesy LED lights (dimmer function)
- Stainless emblems
- Stainless windshield frame / safety glass
- Premium marine sound system CD/Stereo 8-speakers/remote control
- Stainless rub rails
- Stainless side ventilators
- Mahogany decking
- Removable S/S flag pole
- Automatic bilge pumps (2)
- Manual bilge pump (1)
- Flush mount mooring cleats (8)
- Acoustically sound insulated engine compartment
- Fuel water separator
- Batteries for general service 3 x 12V x 90Ah
- Batteries for engine start ( 3 x 12V x 75Ah)
- Bow thruster (Sleipner)
- 2 powder fire extinguisher
- Swimming platform including swimming ladder, shower
- Stainless steel tanks (fuel, water,)
- Fender storage

### Optional Equipment:

	Euro, ex VAT	
Basic price with Ilmor 2 x 650 hp,10 cyl		749.000 ,-
• 2 x Ilmor, 2 x 725 hp, 10V		+50.000,-
• 2 x 725 hp Caterpillar diesel		+ 55.000,-
• 2 x 800 hp MAN Diesel		+75.000,-
• 2 x 1050 hp Caterpillar		+125.000,-
• 2 x 725 hp Seatek		+65.000,-
• 2 x 820 hp Seatek		+80.000,-
• Surface drives		+55.000,-
• Bow thruster	Euro	4.500,-
• Bow lights	Euro	750,-
• Underwaterlights	Euro	4.200,-
• Full Bimini and sprayhood	Euro	7.800,-
• Remote controlled gangway	Euro	22.500,-
• Convertible bathingplatform	Euro	25.600,-
• Multimedia entertainment system	Euro	12.000,-
• Plotter	Euro	14.500,-
• VHF Radio	Euro	2.430,-
• Aircondition and heater (uprade to 20.000 BTU)	Euro	15.100,-
• Diesel generator 15 KW, upgrade	Euro	13.900,-
• Fogmaker	Euro	2.450,-
• Cockpit daycover	Euro	3.500,-
• Customized Interior (structure)	Euro	6.500,-
• Other fabrics, leather etc	Euro	on demand
• Transport and delivery protection	Euro	4.900,-
• Berthing package	Euro	3.800,-
• Anti fouling treatment	Euro	5.600,-
• Safety Pack	Euro	2.900,-
• Transport to St. Tropez	Euro	18.000,-

#### NED SHIP GROUP

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## Platform Options

Fixed Bathingplatform



Convertible Bathingplatform



The Cavalla 45 is a timeless classic looking Motorboat with the latest technologies in materials and technical configuration.

By using an Epoxy composite structure with carbon reinforcements to keep the weight low, the performance and fuel economy results are much advanced to comparable boats that size and style on the market.

Saving weight is a tremendous advantage, either for good top speed or for fuel saving.

On the deck, the wood veneer gives the classical and outstanding look. Below the waterline the fibre class structure keeps the maintenance low and gives a long life cycle.

In combination with fine upholstery, the Cavalla 45 let you feel the DNA of the other luxury yachts by NEDSHIP.

The Cavalla 45 is a perfect combination of a day boat for relaxing hours as well as a high Performer (depending on the engines) for extraordinary speed up to 55 kn on such a classic looking boat.

The full equipped double bed cabin with a comfortable high and with enclosed bathroom and fully equipped galley makes also longer trips possible.

Fine handmade parts on the boat will give the owner a unique piece of art to celebrate his own life style.

The Cavalla 45, the styling of a Princess and the muscles of a Mustang. Enjoy it.