

# Technical Data

## DIMENSIONS:

Construction material	Composite
Length Overall	20.30M
Maximum Beam	5.30M
Maximum Draft	1.00M
Maximum speed	40 Knots
Full Load Displacement	48 Tons
Fuel Capacity	4400 L
Fresh Water	550 L
Engine	MTU 12V M91 1500HP @2350rpm x 2
Builder :	Tachou Ship Building Co., Ltd.

## **STANDARD EQUIPMENTS FOR CT-70 MOTOR YACHT**

### **Section 1 : Hull / Deck Construction**

- 70-01-01 The FRP construction is comply with NK Rule. Hull FRP lamination is made by Hand-laid up; deck FRP lamination is made by “Scrimp” infusion system.
- 70-01-02 Transverse and longitudinal strengthening stringers throughout hull.
- 70-01-03 The interior of hull bottom is painted out in gelcoat.
- 70-01-04 The hull & deck are pantedout in Awlgrip.
- 70-01-05 Hull and deck joint bolted and FRP bonded.
- 70-01-06 Carbon fiber for some area construction.
- 70-01-07 The Vinylester Resin for outside skin, Orther Resin for inner skin.

### **Section 2 : Main Deck And Fittings**

- 70-02-01 Bow roller & chain lockers w/ 2hatches w/ flush type installation .
- 70-02-02 Fresh water anchor wash down.
- 70-02-03 Hydraulic. LEWMAR 4000 windlass (3 station controls).
- 70-02-04 S/S Danforth anchor (50 Kg) with 3/8” high tensile chain (50M).
- 70-02-05 Stainless steel chain way.
- 70-02-06 Teak deck thru-out.
- 70-02-07 Around type stainless steel to guest cabin.
- 70-02-08 Stainless steel spring cleats/ shafting plates.
- 70-02-09 Stainless steel mooring cleats/shafting plates.
- 70-02-10 Oval type stainless steel pulpit & guard rails.
- 70-02-11 Rubber rub rail WIKS HFR606 TACO TWV-899.
- 70-02-12 2” water & fuel fillers.
- 70-02-13 Tempered glass directly molded on FRP.
- 70-02-14 Deck lights & full set navigation lights.
- 70-02-15 Waterproof speakers from saloon CD/stereo system cockpit.
- 70-02-16 Alum. frame sliding door to saloon.
- 70-02-17 Stairs w/ oval type s/s handrails to fly bridge and fore decks.
- 70-02-18 Aft deck FRP seat w/ cushion.
- 70-02-19 Lockers containing manual bilge pump with valve chest/ shore power inlet & storage area.

70-02-20	Aft deck fresh water wash down.
70-02-21	Self draining.
70-02-22	Cockpit halogen lighting.
70-02-23	Transom shower (hot & cold).
70-02-24	Transom lazaretto with remote control pressurized opening.
70-02-25	Stainless steel swimming ladder under cover.
70-02-26	Stern winch LEWMAR CAPSTAN 3 & S w/ bollard.
70-02-27	Swimming platform w/ track for water ski.
70-02-28	S/S SUS 316 for stanchions and fittings.
70-02-29	S/S fender holder x 3 sets.
70-02-30	Solar vent x 4.
70-02-31	Search lights SANSHIN HR1210.
70-02-32	S/S port lights x 8 w/ stay & storm cover.
70-02-33	Sika glue for hardware installation.

### **Section 3 : Flybridge And Second Helm Position**

70-03-01	Accessible from side decks.
70-03-02	Shore power outlet 50Amp x 2 w/ lengthen cable 75' x 2.
70-03-03	Stainless steel handrail with acrylic windshield
70-03-04	Power assisted steering system (TELEFLEX)
70-03-05	Elect. engine controls ( Dual station )
70-03-06	Steering wheel. ( Edson )
70-03-07	Start/stop engines keys.
70-03-08	Audible and visual engine alarm.
70-03-09	Engine rpm gauges.
70-03-10	Engine cooling water temperature gauges.
70-03-11	Engine oil pressure gauges.
70-03-12	Rudder indicator (VDO)
70-03-13	Bilge pump visual and audible warning indicators.
70-03-14	Water jet control.
70-03-15	Remote windlass control.
70-03-16	Search light w/ remote control.
70-03-17	Marine air horn w/ control.
70-03-18	Compass
70-03-19	Watertight intercom.
70-03-20	Dual helm chair. ( Stidd )
70-03-21	L shape seating with cushion & table, settee seating with cushion.
70-03-22	FRP radar arch.

70-03-23	International navigation lights.
70-03-24	Waterproof sound marine speakers CD/stereo system.
70-03-25	Flag pole socket.
70-03-26	Davit.
70-03-27	Dinghy.

#### **Section 4 : Interior**

70.-04-01	Sandwich type floor throughout w/ carpet, teak/holly floor.
71.-04-01	Choice of carpets, upholstery and curtain fabrics.
72.-04-01	Selected cherry wood veneer and burl wood furnishings.
73.-04-01	Synthetic leather hand liners.
74.-04-01	Sandwich type for bulkhead, partition bulkhead.

#### **Section 5 : Main Helm Position and Dinette**

70-05-01	Teak floor.
70-05-02	FRP instrument console with leather decorated with burl panel.
70-05-03	Single helm seat. ( Stidd )
70-05-04	Repeat engine instruments as upper helm.
70-05-05	Repeat engine controls.
70-05-06	Repeat power assisted steering system.
70-05-07	Steering wheel. ( Edson )
70-05-08	Fuel contents gauges and rudder indicators.
70-05-09	Engine room fire extinguisher warning system.
70-05-10	Compass
70-05-11	Intercom
70-05-12	Clear forward windscreen.
70-05-13	Windscreen wipers w/ water spray ( EXALTO )
70-05-14	AC/DC control panels beside helm seat.
70-05-15	Lights and sockets.
70-05-16	U shaped dinette leather settee with coffee table.
70-05-17	Access stairs to lower deck with lighted steps.
70-05-18	Overhead in synthetic leather.
70-05-19	Ceiling lights.
70-05-20	Saloon ladder to helm position w/ hand rail.
70-05-21	Chart table area.

## **Section 6 : Main Saloon**

70-06-01	Teak floor.
70-06-02	Halogen ceiling lightings.
70-06-03	Curtains or drapes to all windows and doors.
70-06-04	Overhead in synthetic leather
70-06-05	U shape leather sofa with coffee table x 2.
70-06-06	Step lighting under sofa and around curtain valance.
70-06-07	Fixed intercom above sofa.
70-06-08	Acrylic mirrors inside liquor cabinet.
70-06-09	Some locker decorated with grain/honeycomb countertop.
70-06-10	Entertainment cabinet w/ wiring.
70-06-11	TV, stereo w/ tape, CD & speakers. ( Owner supply )
70-06-12	Alum. frame door to aft deck.

## **Section 7 : Galley**

70-07-01	Teak floor.
70-07-02	4 burner cook top w/ oven ( Owner supply )
70-07-03	Exhaust fan over stove.
70-07-04	Refrigerator (freezer / refrigerator) (Owner supply)
70-07-05	Grain/honeycomb countertop.
70-07-06	Microwave oven ( Owner supply )
70-07-07	Double sinks w/ hot & cold mixed faucet.
70-07-08	Trash bin.
70-07-09	Lockers & drawers.
70-07-10	Ceiling lights.
70-07-11	GFI 110V power sockets.
70-07-12	Water gauge at overhead cabinet.
70-07-13	Hanging lockers with lights and cup holder.
70-07-14	Lights and sockets.

## **Section 8 : Forward p/s guest Cabins**

70-08-01	Twin berths w/ mattresses and drawers under.
70-08-02	Hanging locker with light.
70-08-03	Cloths lockers
70-08-04	Desk & swing chairs
70-08-05	Intercom.

70-08-06 Lights and sockets.

**Section 9 : Head**

70-09-01 Grain/honeycomb counter top with KOHLER sink.  
70-09-02 Decorative faucet ( Owner supply )  
70-09-03 Mirrored cabinet.  
70-09-04 Flush toilet (Owner supply)  
70-09-05 Exhaust fan.  
70-09-06 Wall & ceiling lighting.  
70-09-07 Towel bar, soap dish, toothbrush holder and toilet paper roller.  
70-09-08 GFI 110V power socket.

**Section 10 : Shower**

70-10-01 Grain/honeycomb counter top with KOHLER sink.  
70-10-02 Decorative faucet ( Owner supply )  
70-10-03 Fixed & hand held shower head.  
70-10-04 Jacuzzi Tub. Around wall with grain/honeycomb and acrylic shield  
with stainless steel handrail.  
70-10-05 Mirrored cabinet.  
70-10-06 Exhaust fan.  
70-10-07 Wall & ceiling lighting.  
70-10-08 Towel bar, soap dish & tooth brush holder.  
70-10-09 GFI 110V power socket.

**Section 11 :Master Stateroom**

70-11-01 Choice of carpets floor.  
70-11-02 Queen size berth w/ mattress and upholstered bed head.  
70-11-03 Couch in fabric.  
70-11-04 Hanging lockers P & S.  
70-11-05 Ceiling lights and reading lights.  
70-11-06 TV cabinet with door.  
70-11-07 Lockers and drawers.  
70-11-08 Stereo and CD player w/ speakers.  
70-11-09 Power sockets.  
70-11-10 Intercom.  
70-11-11 Upholstered settee on STBD side and end locker on both side,  
vanity on STBD side w/ chair x 2.

70-11-12	Sofa.
70-11-13	Dresser with mirror & chair.
70-11-14	Satelite telephone & internet. ( Owner supply )

## **Section 12 : Engines and Propulsion**

70-12-01	Watertight engine room bulkheads.
70-12-02	Access through aft deck.
70-12-03	Watertight door to engine door.
70-12-04	3M leaded foam with aluminum plates & mufflers for insulation.
70-12-05	High volume engine air intakes.
70-12-06	Engine room machinery fan ( AC blower ) .
70-12-07	Engine exhaust silencers and water cooled exhaust.
70-12-08	Engine beds integrally bonded.
70-12-09	Engine flexibly mounted.
70-12-10	Engine room DC lights and AC lights.
70-12-11	Stern gear, engines, fuel tanks, fillers, etc all electrically bonded.
70-12-12	Automatic electric bilge pumps & manual bilge pump.
70-12-13	Wrap exhaust pipe from engines for additional noise insulation.
70-12-14	NORTHERN LIGHT 35KW generator with sound shield.
70-12-15	FIREBOY fire extinguishing system.
70-12-16	Fittings and mounts for gen sets and accessories.
70-12-17	MTU 12V M91 1500HP @2350rpm x 2 gear box ZF 2050
70-12-18	3-1/2" AQUAMET shaft w/ PYI shaft seal.
70-12-19	Flexible coupling between engine shaft to reduce the vibration.
70-12-20	Water jet ( ISHIGAKI 1600HP )

## **Section 13 : Electrical Appliances**

70-13-01	All DC & AC circuits protected by circuit breakers.
70-13-02	Color coded wiring system.
70-13-03	DC 12V system <ol style="list-style-type: none"> <li>1. 12V for navigating and radio circuits.</li> <li>2. 2 x 100 AH maintain free battery for generator starting and charged by gene set or battery charger.</li> <li>3. 1 x 23 amp battery charger for battery bank.</li> </ol>
70-13-04	DC 24V system <ol style="list-style-type: none"> <li>1. 4 x 200 AH heavy duty maintain free batteries for engine</li> </ol>

- starting and charged by engine or battery charger w/ isolator.
2. 4 x 200 AH heavy duty batteries for service bank and charged by engine or battery charger.
  3. 4 x 100AH maintain free battery for bow thruster.
  4. 1 x 70 AH 24V battery charger.
  5. Battery master switch at main switch panel.
  6. DC lighting throughout.
- 70-13-05 240V/120V AC system.
1. One 35KW generator.
  2. Shore power supply.
  3. Generator/ shore support change over switches.
  4. Polarity check system.
  5. AC sockets throughout.
  6. Earth leakage safety trip.
  7. Ac insert tube lights.

## **Section 14 : MISC**

- 70-14-01 Aluminum fuel tanks w/ separate filters and vents.
- 70-14-02 S/S water tank w/ filters and shore water connection.
- 70-14-03 Water lever gauge.
- 70-14-04 RACOR fuel/water filters.
- 70-14-05 Water heater 30 gallon connected to gen set cooling system.
- 70-14-06 Automatic water pressure pump for hot and cold water.
- 70-14-07 Oil change system.
- 70-14-08 Grey water tank w/ pump.
- 70-14-09 Holding tank w/ macerator pump and deck discharge.
- 70-14-10 Holding tank lever gauge.
- 70-14-11 Shore water inlet.
- 70-14-12 Manual bilge pump
- 70-14-13 5 x high capacity electrical bilge pumps w/automatic float switches.
- 70-14-14 Exhaust blowers w/ tubing.
- 70-14-15 Sea water strainers.
- 70-14-16 All thru-hull w/ sea cocks.
- 70-14-17 Deck wash faucet in chain locker.
- 70-14-18 Color coded plumbing system.
- 70-14-19 Chilled water air conditioner system.. ( MARINE AIR

MCW72SRC )

- 70-14-20 Davit.
- 70-14-21 Dinghy.
- 70-14-22 Water maker.
- 70-14-23 TV/Stereo system. ( Owner Supply )
- 70-14-24 Safety/life saving equipment. ( Owner Supply )
- 70-14-25 Jet ski. ( Owner Supply )