



## HULL

- Color - Oyster gel coat hull with colored inset and waterline [standard color options]
- Structural lamination w/multiple layers of hand laminated fiberglass reinforced plastic using knitted fiberglass, cored above waterline with ATC Core-cell® closed-cell foam
- Stringers - Continuous full length foam cored hand laminated fiberglass structural stringers
- Bulkheads - Infused using resins & knitted fiberglass reinforcements, cored for structural and sound properties
- Boarding platform integrated in hull w/ telescopic swim ladder
- Hull Guards - UV-stabilized PVC-guards: anchor, hull and sheer, 316 SS inset on hull side guard
- Hull Guard - Solid 316 SS bow stem
- Fasteners - All exterior fasteners 316 SS
- Bottom Paint - Ablative black antifouling INTERLUX MICRON CSC® (2 coats)
- Port Lights - 17.78cm x 35.56cm 316 SS w/screens, hull sides (2, forward)
- Port Lights - 20.32cm x 40.64cm 316 SS w/screens, hull sides (5)
- Bilge Pumps - 14002 LPH, (3) forward, engine room and laz, 7568 LPH (1) amidship w/auto-manual switches at helm
- Bonding System - common bonding zincs on transom plus rudder, shoe and thruster zincs

## DECK

- Color - Oyster gel coat
- Deck - Molded textured surface in walking & work deck areas
- Deck - Recessed walk-around side decks
- Door - Centerline on transom, hinged
- Scuppers - cockpit
- Bow Pulpit
- Anchor Roller Assembly - Polished SS
- Windlass - 24VDC LEWMAR® H3 anchor windlass w/foot controls at bow and remote control at helm
- Bow Bitt - 316 SS Samson post
- Storage - Molded in cockpit cabinet w/double doors
- Storage - Fender holder recess in cockpit
- Storage - Lockers molded into forward trunk cabin sides
- Storage - Locking deck hatch to lazarette w/sealing gasket and spring-assist lifts
- Storage - Forward facing sun seat molded into forward trunk cabin top w/storage under
- Hand Rails - 3.81cm 316 SS on main deck and boat deck (removable port), double-buff
- Ladder - 316 SS open rail w/wide UHMW treads from aft deck to boat deck starboard side
- Hand Grabs - 316 SS salon roof drains at aft salon corners
- Hand Grabs - 316 SS, two forward of pilot house doors
- Hand Grab - 316 SS on transom over swim ladder
- Windows - DIAMOND SEA GLAZE® Oyster powder-coated
- Doors - DIAMOND SEA GLAZE® Oyster powder-coated: two sliding pilot house entry, one hatch-style from pilot house to boat deck and one Dutch aft entry door

## DECK

- Portlights - 30.48cm round 316 SS w/screens (2) in pilothouse, port and starboard aft
- Cleats - 30.48cm 316 SS mooring cleats (8), 4 on caprails, 2 aft in each cockpit corner via closed chocks
- Chocks - 316 SS closed chocks, 2 fwd, 2 amidships and 4 aft
- Deck Fittings - 316 SS 5.08cm fuel fills (2), SS 3.81cm water fills (2), 3.81cm waste suction fitting
- Lights - Aft deck LED overhead (4)
- Lights - Boarding platform LED (2)
- Lights - Cockpit LED
- Outlet - 220VAC [cockpit]
- Inlet - Phone/TV - dock connection
- Propane System - Regulator valve, leak sensor, shut off switch and sealed tank compartment w/overboard vent
- Davit - STEELHEAD® 453kg low profile, model #WD1000
- Aft Docking Station - Engine start & stop controls, engine throttle & shift controls and thruster controls
- Mast - w/radar and antenna mounts
- Pennant Staff receiver - in bow rail
- Sea water deck washdown hose bibs fore & aft
- Lazarette Vents
- Cockpit shower
- Utility SS basin in aft deck cabinet w/faucet

## PROPULSION / ENGINE ROOM

- Engine - Single 500kW CUMMINS® QSM11 electronic
- Marine Reduction Gear - ZF® 360A marine gear 2.636:1
- Alternator - 80 amp (24V)
- Fuel Filter - RACOR® 75/1000MAX dual fuel/water separator filter for main engine w/10 micron element
- Exhaust - 20.32cm underwater exhaust w/10.16cm muffled transom bypass
- Propeller - HUNG SHEN® 88.90cm x 82.55cm 5-blade NiBrAl LH, tuned to Class S ISO-484 pitch tolerances
- Propeller Shaft - 7.62cm SS, AQUAMET® 19 grade or equal, w/PSS® drip-less shaft seal
- Auxiliary start/stop controls in engine room with digital display
- Stainless steel liquid containment area under engine
- Seawater Strainers - bronze
- Generator Fuel Filter - RACOR® 500MA10 fuel filter / water separator for primary fuel filter
- Oil Change Pump System - plumbed to main engine, generator and transmission
- Sound Insulated - 5.08cm with barrier covered w/white powder coated aluminum perf plate finish
- Hand Rails - SS along port side of engine
- Lighting - AC/DC lights (6) dual voltage fluorescent engine room lights
- Outlet - 220VAC
- Access to engine room from compartments forward and aft via locking weather tight doors

## HEATING & COOLING

- Heat/cool - MARINE AIR® split air system, air conditioning/reverse cycle heating: four compressors in engine room; four zone control panels w/individual air handlers in: salon, pilot house, aft cabin and forward cabin.



## UTILITY ROOM

- Access - Teak entry door forward
- Access - DIAMOND SEA GLAZE® locking weather tight door aft to engine room
- Panel, Electrical - 24VDC main distribution
- Potable Water Pump - HEADHUNTER® XR-124 24VDC
- Heater, Water - 75L electric/engine heat
- Freezer - NOVA KOOL® F3800-PS AC/DC

## GALLEY

- Cook Top - 4-burner, propane
- Designed to accommodate an over-cooktop convection microwave
- Refrigerator - Undercounter, 161L
- Refrigerator/Freezer - Undercounter, 161L
- Ice maker
- Countertop - U-shaped CORIAN® "Sandstone" countertop w/coved backsplash and searail
- Sink - stainless steel, undercounter mount single bowl w/single lever spray extension faucet and soap dispenser
- Cabinets - Solid teak flush face frames, drawer faces and door frames, doors and drawers are equipped with push type sea locks
- Storage - Tip-out storage in front of sink
- Drawers - built w/ApplePly® and include full extension ball bearing tracks & push locks
- Lights - Overhead, 24VDC LED w/SS bezel, switched at aft door & galley
- Outlets - 220VAC (5)
- Teak and Holly sole

## SALON

- Cabinets - Teak faced w/teak doors and tops
- Table - Removable, teak top
- Settee - port side, starboard left open
- Valances/Mullions - Teak
- Access from salon to aft deck, pilothouse and lower deck
- Lights - Overhead, 24VDC LED w/SS bezel, switched at aft door & galley
- Lights - LED step lights, red, on each riser
- Lights - Valance, LED
- Lights - Accent LED (4)
- Outlets - 220VAC (3)
- Outlet - Phone/TV

## PILOT HOUSE

- Helm seat - STIDD® 500N Admiral Slimline Low Back, adjustable pedestal
- Observer seat on starboard side of helm seat
- Settee - U-shaped, w/chart drawer under & teak table w/CORIAN® inlay
- Lower teak helm panel tilt up for access to engine instruments and controls
- Overhead console for electronics installation
- Raised dash for mounting electronics for three 38.10cm screens
- CORIAN® "Flint" helm counter w/large chart area on starboard side
- Large chart drawer under chart counter top

## PILOT HOUSE

- Engine Control - CUMMINS® electronic single lever throttle/shift
- Engine Instrumentation - CUMMINS® SmartCraft VesselView LCD color monitor
- Systems Monitoring - all liquid tanks, MARETRON® DSM250 NMEA2000 network color monitor 5.7" screen
- Compass - RITCHIE® FN-203 flush mount
- Windshield wipers - (5) Pantograph style, adjustable speed, self park with washer system
- Windshield defroster
- Wired for speakers and power for stereo
- Lights - Overhead LED red (2), chrome bezel
- Lights - Overhead, 24VDC LED w/SS bezel, switched at two locations
- Lights - Reading, 24VDC LED (2)
- Light - Chart, LED red/white
- Outlets - 220VAC (4)
- Power Ports - 12VDC (2)
- Outlet - Phone/TV
- Direct access to boat deck via stairway

## FORWARD GUEST

- Berth, Full - w/storage under
- Mattress - hinged pillow top delux
- Hanging locker w/automatic lighting, CORIAN® top, cedar lining
- Teak faced cabinets w/teak drawer faces and doors
- Teak entry door
- Lights - Reading, 24VDC LED (2)
- Lights - Overhead, 24VDC LED w/SS bezel
- Outlet - Phone/TV
- Outlets - 220VAC (3)
- Escape ladder

## MID MASTER

- Queen-size berth w/teak faced drawers under
- Mattress - hinged pillow top delux
- Teak faced cabinets w/ teak drawer faces and doors
- Dressing vanity
- Pair of hanging lockers, automatic lighting, cedar lining and CORIAN® top
- Direct access to master head
- Teak hinged entry door w/mirror on inside panel
- Lights - Reading, 24VDC LED, over berth (2)
- Lights - Vanity LED (2)
- Lights - Overhead, 24VDC LED w/SS bezel, switched at door & berth
- Outlet - Phone/TV
- Outlets - 220VAC (4)

## HEAD COMPARTMENTS

- Toilets - TECMA® EasyFit [household size]
- Shower - molded stall w/textured sole and clear acrylic surround w/door
- Teak cabinets w/CORIAN® "Savannah" top & CORIAN® sink basin
- Vanity w/LED lighting, storage and mirrored doors
- Toilet paper holders, towel racks, and mirrors
- Doors - Teak entry, full mirror and locking handle



## HEAD COMPARTMENTS

- Floor covering - LONSEAL® Teak and Holly look
- Lights - Overhead, LED
- Outlets - 220VAC
- Exhaust fan w/switch

## INTERIOR FINISH AND TRIM

- Upholstery - choice of colors [see option sheet/samples]
- Carpet - choice of colors [see option sheet/samples]
- Flush Teak cabinet door and drawer faces
- Valances, Teak - salon & pilothouse
- Teak interior passageway doors and trim
- Wall covering teak wainscot, vinyl overhead & upper walls
- Day 'N Night Shades - window treatments in salon
- Central Vacuum System - two inlets

## LAZARETTE

- Access to engine room via DIAMOND SEA-GLAZE® locking weather tight door
- Compartment is lighted, ventilated and fully gel coated
- Batteries - House bank and stern thruster bank
- Steering gear
- Storage space

## STEERING SYSTEM

- Steering System - manual hydraulic
- Autopilot hydraulic pump
- Rudder port bearing and shaft lip seal
- Stainless steel rudder, shaft w/galvanic protection
- Cast iron double tiller arm w/rudder stops
- Helm Wheel - Teak w/chrome trim ring
- Bow Thruster - SIDE POWER® SE170/250TC-24V, 170kg thrust, CR dual prop w/two 4D AGM batteries
- Stern Thruster - SIDE-POWER® SE170/250TC-24V, 170kg thrust, CR dual prop w/two 4D AGM batteries

## 12V DC ELECTRICAL SYSTEM

- Converter - 24-12 volt w/12VDC panel in the pilothouse, 12 volt power plugs in pilothouse (2)
- Battery parallel solenoid switch at helm

## 24V DC ELECTRICAL SYSTEM

- Battery Charger - 60 amp 3-outputs
- Batteries - AGM 6V house wired for 24VDC (8)
- Batteries - AGM 4D start 24VDC (2)
- Batteries - AGM 4D bow and stern thrusters 24VDC (2 ea)
- Battery - AGM group-24 for generator 12VDC
- Breaker Panel - BLUE SEA® 24VDC w/LED lights
- Master on/off switches for engine and house batteries
- Paralleling tie switch for house and engine start batteries for emergency engine cranking power
- Wire - marine grade tinned copper throughout

## 220V AC ELECTRICAL SYSTEM

- Shore power connections - one GLENDINNING® Cable Master w/75' cable stern and one inlet connection at the bow w/7.6m 220VAC/32A cordset
- Generator - NORTHERN LIGHTS® 16kW 220VAC/50Hz w/sound shield
- Breaker panel - BLUE SEA® 220VAC w/LED lights
- Breaker - RCBO (1)

## 220V AC ELECTRICAL SYSTEM

- Inverter/Charger - MASTERVOLT® 4000W/100A w/digital display
- Switches and outlets - VIMAR® used throughout boat

## SAFETY & MOORING PACKAGE

- Fire Extinguishing System - FIREBOY® in engine room w/auto shut down
- Fire blanket
- High bilge water alarm - sensor mounted in engine room w/audible alarm at helm
- Exhaust overheat alarm - temperature sensor on main engine wet elbow w/audible alarm at helm
- Carbon Monoxide detectors in each cabin (2) and in central seating area (1)
- Smoke Detector in each cabin (2) and in central seating area (1)
- Radar reflector - located in stack
- Horn - Dual Air
- Light - Anchor, LED, CE approved
- Lights - Navigation, LED, CE approved
- Mooring Lines - 1.90cm x 10.67m (4)
- Fenders - G-6 and lines (6)
- CE Certification

## TANKAGE

- Fuel tanks - 4920-liter capacity in two tanks w/crossover line, shutoff valves, brass push to open valve and sight gauge
- Water Tanks - 1136-liter capacity in 2 tanks w/valves sight gauges and crossover line, aluminum, located in utility room
- Grey Water Tank - 492-liter capacity FRP construction in keel w/automatic discharge pump w/control panel
- Black Water Tank - 492-liter capacity FRP construction in keel, w/deck suction and macerator w/overboard discharge
- Tank Level Monitoring - MARETRON® NMEA2000 network, readout at helm on SDM250 color monitor [fuel, fresh water, gray and black water]

## DIMENSIONS

- Length Overall - 56' 10" / 17.32m (w/pulpit)
- Beam - 16' 10" / 5.13m
- Draft - 5' 3" / 1.60m
- Freeboard - Amidships, at pilothouse door 6' 3" / 1.90m
- Freeboard - at cockpit 4' 11" / 1.49m
- Approximate height from: Waterline-top (bridge clearance) mast down 18' 2" / 5.54m
- Displacement Weight - 68,000 lbs / 30,872kg
- Headroom - Salon 6' 10" / 2.08m
- Headroom - Pilot House 6' 10" / 2.08m
- Headroom - Master Cabin 6' 8" / 2.03m
- Headroom - Salon & Galley 6' 8" / 2.03m

## COMMISSIONING PACKAGE

- Engine Manual
- Owners Manual - w/Schematics
- Reduction Gear Manual
- Tug Operators Manual
- 10-micron fuel filter element for main engine RACOR® filter(s)



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2011 Model Year Standard Equipment  
Nordic Tug 54 CE

### **COMMISSIONING PACKAGE**

- Matched gel coat touch-up kit
- Wax Paste - Ultra Performance® 3M9030
- Video - CORIAN® care and maintenance
- Assortment of screws & snap caps
- Multi-Bit Screwdriver & SS Deck Fitting Key
- Clear silicone
- Shaft Seal Collar O-Ring Kit
- Container boxes w/Lids - (2)
- Vacuum accessories kit