





42' (12.80m) 2024 Nordic Tugs 44 Annapolis Maryland United States



# OVERVIEW

Manufacturer: Nordic Tugs

Engines: 1 Volvo Hull Material: Fiberglass

Engine Model: D11 Cruise Speed: Engine HP: 510 Max Speed:

Beam: 13' 10" Cabins/Heads: / 2
Max Draft: 4' 7" Fuel Type: Diesel

Water: 200 G (757.08 L) Fuel: 600 G (2271.25 L)







### **Data Sheet**

Category: Trawlers
Condition: New

Model Year: 2024 Beam: 13'10" Max Draft: 4' 7" LOA: 45'

Dearm 15 10 Ma

6" (13.87m)

LWL: 40' 2" Sleeps: 7

Heads: 2

Fuel Type: Diesel

Hull Material: Fiberglass Bridge Clearance: 16' 3 Dry Weight: 31400 lbs

Fuel Tank: 600 gal (2271.25 liters) Fresh Water: 200 gal (757.08 liters) Holding Tank: 45 gal (170.34 liters)

# **Engines/Generators**

### **Engine 1**

Volvo D11 510HP Fuel: Diesel Year: 2023



# **Summary/Description**

Nordic Tug 44 - Just Right. The perfect combination of comfort, luxury and performance for the active cruiser.

#### Hull

Color - White gel coat hull w/colored inset & waterline

Structural lamination multi-directional knitted fiberglass w/ vinyl ester skin coat

Stringers - Fiberglass encapsulated full length composite stringers

Boarding platform with telescopic swim ladder

Hull Guards - UV-stabilized PVC-guards: anchor, hull and sheer, 316 stainless steel inset on hull side guard

Fasteners - All exterior fasteners 316 stainless steel

Bottom Paint - Ablative antifouling (2 coats/black)

Port Lights - 7"x14" 316 stainless steel w/screens, hull sides (5)

Bilge Pumps - 2000 GPH in (3) compartment w/auto/manual switches at helm

Bonding System - bonding anodes on transom plus rudder, shoe and thruster anode

#### Deck

Color - White gel coat

Deck - Molded textured surface in walking & working areas

Deck - Raised walk-around side decks

Door - Hinged transom

Drains - Cockpit & f/hatch bosses

Scuppers - Cockpit

Anchor Roller Assembly - Polished stainless steel

Windlass - 24VDC LOFRANS® TIGRES® LW400AN,

1200W anchor windlass w/foot controls at bow and remote control at helm

12" tall Transom top stainless steel hand rail

Storage - Cockpit cabinet w/ shelf & double doors

Storage - Cockpit recessed fender holder (aft wall)

Storage - Deck hatch to lazarette w/sealing gasket and gas-assist lifts (step/ladder provided)



Bow Rails - Deck, 1-1/4" - 316 stainless steel (bow & stern)

Hand Rails - 1-1/4" 316 stainless steel on salon cabin top (removable starboard) and ladder on port side

Ladder - 316 stainless steel open rail w/wide treads from aft deck to boat deck portside

Hatch - Covering opening from cockpit up to sundeck

Access to chain locker on foredeck port side

Hand Grabs - 316 stainless steel salon roof drains at aft salon corners

Hand Grabs - 316 stainless steel, two forward of pilot house doors

Hand Grab - 316 stainless steel on transom over swim ladder

Windows - DIAMOND SEA GLAZE® Powder- coated finish, sliding windows in salon and pilothouse

Doors - DIAMOND SEA GLAZE® Powder-coated: two sliding pilot house entry and aft entry door with full length half-drop window and screen

Portlights - 12" round 316 stainless steel w/screens and drains in forward cabin (2)

Cleats - 12" cap rail mounted 316 stainless steel mooring cleats (10)

Deck Fittings, 316 stainless steel - 2" fuel fill (2), 1-1/2" water fills (2), 1-1/2" waste suction

Lights - Aft deck LED overhead (2) w/switch on fixtures

Lights - Boarding platform LED (2)

Outlet - 110VAC GFCI [cockpit]

Pennant Staff receiver - in bow rail

Sea water deck wash down hose bibs fore & aft

Lazarette Vents polished stainless steel

### **Propulsion / Engine Room**

Engine - Single Volvo D11-510HP w/ electronic controls

Alternator - 80 amp (24V)

Fuel Filter - 10 micron primary element/ 2 micron secondary element on engine

Exhaust - 8" dual stage water lift muffler transom exit for main engine

Propeller - Left hand, tuned to class S ISO-484 pitch tolerances

Propeller Shaft - 2.5" stainless steel w/PSS® drip-less shaft seal

Seawater Strainers - bronze

Generator Fuel Filter - 10 micron primary element/ 2 micron engines



Oil Change Pump System - plumbed to main engine, generator & transmission

Sound insulation - Hush kit, 1" barrier silver mylar finish

Lights - engine room (4) LED

Outlet - 110VAC GFCI

Engine Room Access - (2) two access hatches hinged w/supporting gas assist shocks. Step/ladder provided

### **Heating**

Furnace - Diesel Hydronic heat system & hot water plumbed to 3-zones, 40,000 BTU

### Galley

Cooktop - 3-burner electric FORCE-10®

Microwave, Convection - under cooktop

Refrigerator/freezer, Nova Kool RFU9000 AC/DC, 9.1cf

Countertop - U-shaped acrylic solid surface countertop w/coved backsplash & searail

Sink – Large single stainless steel basin, under counter mount w/single lever spray extension faucet and soap dispenser.

Cabinets - Sapele flush face frames & drawer faces; doors & drawers are equipped w/push type sea locks

Storage - Spice rack over stove w/Sapele sliding doors

Storage - Tip-out storage in front of sink

Storage - Above refrigerator w/standard equipment

Drawers - full extension ball bearing tracks & push locks

Lights - Overhead, 24VDC LED w/stainless steel bezel (4)

Outlets - 110VAC GFCI (3)

Exhaust fan and switch

Flooring - AMTICO

Range lights (2)

# Companionway

Nav Station - w/bench seat, file drawer under

Electrical Panels, BLUE SEAS 360® - includes AC/DC meters, breakers and generator start panel, above and outboard of desk area

Desk Top - Hinged

Lights- Stair, red LED, at step riser



Light - Reading 24VDC LED (2), over desk

Lights - Overhead 24VDC LED (3), stainless steel bezel

Portlight, 7"x14" 316 stainless steel

Outlet 110VAC (2), 12VDC/ USB under Nav desk

#### Salon

Table - Sapele table w/extension mounted to a hi/lo post, hydraulically assisted moveable table base.

Cabinet, Sapele w/laminate top with storage and standard U-Line BI95 Ice Maker (starboard side)

Sapele entertainment center w/laminate top, salon port side, includes a 32" flat panel TV, Fusion Stereo, 2 speakers, and storage cabinet.

Seating - L-shaped settee/ convertible berth

Valances - Sapele with décor slots

Lights - Overhead, 24VDC LED w/SS bezel (7)

Lights - Sconces, 24VDC (2)

Lights - LED step lights, red, at each riser

Outlets - 110VAC (3), 12VDC/ USB

#### **Pilot House**

Helm seat (fixed) - LLEBROC® chair w/slide, footrest and adjustable pedestal, ULTRALEATHER® Black fabric

Settee w/Sapele table (fabric choices TBD)

Boat deck access via Interior staircase & hatch

Sapele overhead console and valances

Chart drawer (starboard side) under laminate counter top

Engine Control - Volvo electronic single lever throttle/shift

Engine Instrumentation - Volvo 7" LED digital color monitor

Systems monitoring - all liquid tanks, located in overhead

Compass - flush mount

Bow Thruster Control - joystick

Windshield wipers - pantograph style, adjustable speed, self- parking and washer system (3)

Windshield defroster

Stereo Speakers (2)



Light - Reading, 24VDC LED (2)

Light - Chart, LED red/white (2)

Lights - Over helm, 24VDC LED red/ white(3)

Lights - Overhead 24VDC LED (4)

Outlets - 110VAC/ (3), 12VDC/ USB (3)

Hatch - 20" w/ screen (deleted w/flybridge option)

#### **Master Cabin**

Queen-size berth on center line, storage under

Mattress - Innerspring hinged deluxe pillow top

Mirror - full length on back of head door

Cabinets - Hull side storage cabinets

Hull side hanging lockers w/automatic lights, with laminate tops

Cedar lined paneling inside hanging lockers (side walls)

Drawers - flush face, under berth w/push latches (4)

Portlights (4), 7"x14" 316 stainless steel

Lights - Overhead, 24VDC LED w/stainless steel bezel (4)

Lights - Reading, 24VDC LED, over berth (2)

Outlets - 110VAC/ (2), 12VDC/ USB (2) both sides of berth

Hatch - 22" w/screen

Chain locker forward w/sealed access door behind a Sapele headboard feature

#### **Guest Cabin**

Berth - Double berth & upper bunk w/ foam mattress'

Cabinet - w/ adjustable shelf & hanging locker above

Cedar lined paneling inside hanging locker (side walls)

Storage Locker - forward inboard corner w/outlet & mirror

Storage under bunk

Portlights (2), 7"x14" 316 stainless steel

Door, Entry - Sapele sliding



Lights - Overhead, 24VDC LED w/stainless steel bezel (3)

Lights - Reading, 24VDC LED (4)

Outlets - 110VAC GFCI (2), 12VDC/ USB(2)

#### **Guest Head**

Toilet - electric fresh water flush

Shower - stall w/café style door, faucet & LED light

Cabinet - vanity w/ Sapele door, acrylic basin & acrylic solid surface (color TBD)

Fixtures - toilet paper holder, towel bars, mirrors

Floor covering - Amtico

Lights - Overhead, LED 24VDC & vanity light

Outlet - 110VAC, GFCI protected

Exhaust fan w/switch

#### **Master Head**

Toilet - electric fresh water flush

Vanity top - Acrylic solid surface w/ acrylic sink, & faucet (color TBD)

Shower - stall w/café style door, faucet and LED light

Cabinet - vanity w/sapele trim and doors

Fixtures - mirrors, toilet paper holder, towel bars (2), towel ring

Floor covering - Amtico

Lights - Overhead, 24VDC LED (3) & vanity light

Outlet - 110VAC, GFCI protected

Exhaust fan w/switch

### **Interior Finish and Trim**

Upholstery - choice of colors (TBD)

Carpet - color (TBD)

Flush sapele cabinet door and drawer faces

Valances, Sapele - Salon & pilothouse

Sapele interior passageway doors and trim



Walls - Sapele wainscot paneling & foam backed vinyl upper walls

Ceiling - Foam backed vinyl

#### Lazarette

Fresh water pump - 24 VDC variable pressure

Water Tanks

Steering gear

Gel coated and ventilated

Storage space

### **Steering System**

Steering System - manual hydraulic

Rudder and Shoe - Stainless steel w/sacrificial anodes

Rudder port bearing and shaft lip seal

Helm Wheel - Hardwood w/stainless steel accents

Valves and fitting for autopilot hydraulic pump connection

Bow Thruster - SIDE-POWER® SE100/185T-24V, 220lb thrust

## 24V DC Electrical System

Battery Charger - MASTERVOLT® 80 amp 3-outputs

Batteries, Start - 24V AGM Group-31 (2) w/boxes, 950 CCA 32 degrees

Batteries, House - 24V AGM deep cycle (6) w/boxes, 660 amp hours

Batteries, Thruster/Windlass - 24V AGM Group-31 (2) w/boxes, 200 amp hours

Breaker Panel, BLUE SEAS 360® - w/LED lights

Master house bank circuit breaker switched at DC Panel

Battery parallel switch at helm

Wire - marine grade tinned copper throughout

Generator Batteries - (2) 24v AGM w/ boxes

# 240V/110V AC Electrical System

Generator - 9kW Northern Lights 240VAC w/sound shield, water lift muffler, water separator exhaust system

Shore power connections - MARINCO® 50A (2), w/50' cords (2), Bow & Stern



Breaker panel - BLUE SEAS® 360 panel 240VAC/110VAC w/LED lights w/digital multi-meter

ELCI Main Circuit Breaker (2)

### Safety Package

Fire Extinguishing System - FIREBOY-XINTEX® CG2- 500-227 in engine room w/auto shut down

Fire Extinguishers, (2) 5 LB and (2) 2 LB

High bilge water alarm

Smoke & CO2 detector in each cabin & central seating area

Radar reflector - located in stack

Horn - Dual Electric

Light - Anchor, LED, USCG approved

Lights - Navigation, LED, USCG approved

NMMA Certification to ABYC Standards

Canadian Declaration of Conformity

### **Tankage**

Fuel tanks - 600-gallon in two tanks w/crossover line, shutoff valves, & sight gauge

Potable Water Tank Polyethylene - 200 gallon

Gray Water Tank - 20-gallon/76-liter in keel, w/auto 24VDC pump

Black Water Tank - 45-gallon in keel, w/deck pump out

Tank Level Monitoring - all liquids, at helm

Heater, Water - 11-gallon electric/engine heat

#### **Dimensions**

Length Overall - 45' 6" / 13.62m (with bow roller & boarding platform)

Length Overall w/optional Bow Pulpit - 46' 11" / 14.10m

Beam - 13' 10" / 4.21m

Draft - 4' 7" / 1.40m

Freeboard - at cockpit 4' 1" / 1.24m

Freeboard - Amidships, at pilothouse door 4' 11" / 1.49m

Height from - Waterline-top to stack top 12' 4" / 3.76m



Displacement Weight - 31,400 lbs / 14,255kg

Headroom - Salon 6' 4" / 1.93m

Headroom - Pilot House 6' 4" / 1.93m

Headroom - Forward Cabin 6' 10" / 2.08m

### **Owner's Package**

Engine & Reduction Gear manuals

Component owners manuals

Nordic Tug Operators Manual

10-micron fuel filter element for main engine RACOR®

Matched gel coat touch-up kit

Multi-Bit Screwdriver & SS Deck Fitting Key

Fenders & Docking lines

Shaft Seal Collar O-Ring Kit

Container box w/ lid

#### **Disclaimer**

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