



NORTHWEST 50

Specifications

Brief

Year: 2009
 Location: Anacortes, WA, USA
 Hull Material: Composite
 Engine: Single
 Fuel Type: Diesel



Built in the Anacortes, Washington area, the NW50 has been designed to meet the demanding conditions of our local Pacific Northwest waters. With fuel costs in mind, the NW50 will deliver exceptional fuel economy but also give you higher speeds when needed to navigate in high velocity current conditions, beat the weather, or make port before dark. An articulating rudder and bow thruster makes the NW50 extremely maneuverable in tight situations. The NW50 has an extensive list of standard features and many custom options available. Call our knowledgeable sales staff to find out more.

Builder/Designer

Builder.....Northwest Trawlers Designer.....NWT Design Team

Dimensions

LOA.....50' 4" LWL.....44' 5"
 Beam.....15' 10" Draft.....4' 5"
 Weight.....52,000lbs

Engine

Engine Make.....John Deere Engine Model.....6081AFM
 Engine HP.....375hp Cruising Speed.....8 - 10kts
 Max Speed.....11 - 12kts

Tankage

Fuel.....900 gal (in 2 tanks) Water.....300 gal (in 2 tanks)
 Holding.....130gal (blk wtr) 55gal (gray wtr)

General Specifications and Major Components of Base Package

Overview

- Hull and deck of vacuum infused composite construction
- Kevlar® layer in forward sections of hull below water line
- Hull – LPU Paint, Matterhorn White
- Scuppers and/or drains on aft deck, starboard side, and foredeck
- Superstructure – Matterhorn White
- Watertight bulkheads (2)
- Floors, decks and major bulkheads are composite of construction and laminated to hull
- Swim step integral to hull
- Hull reinforced for optional active fin stabilizers
- Premium Vinylester® resin used exclusively in construction above and below the waterline
- Black anti-fouling bottom paint
- Painted boot stripe
- Cap rails – computer cut and finished in LPU paint
- Rub rails - integrally molded with solid stainless strakes (2)
- Overhead halogen and LED deck lighting (24VDC) on exterior walk and outside pilothouse
- Exterior doors (pilothouse, side deck, and cockpit) to be insulated Diamond Seaglaze® (or equivalent) with matching locks
- Equipment manual includes wiring and piping diagrams
- All opening port lights to be stainless with screens
- Engine room fire suppression system

01- Aft Cockpit, Side Deck and Swim Step

- Hinged lazarette hatch with gas shock
- Transom and side gate with hinge and latch assemblies
- Aft cockpit cabinet with solid surface countertop, stainless sink, extendable hot & cold sprayer, and 110 GFI duplex outlet
- Wet locker
- Mooring cleat on port side of transom bustle
- Water fill on deck
- 50 amp shore power receptacle

02- Boat Deck, Flybridge, Portuguese Bridge, and Foredeck

- Portuguese Bridge includes storage lockers and 110 GFI outlet
- Flybridge area ready to accept equipment options (see options sheet)
- Deck Rails 1.25" stainless steel with 1" stanchions on boat deck and foredeck
- Deck Rails stainless steel with stanchions around Portuguese Bridge
- Radar arch to support antennae – FRP
- 24VDC halogen lights mounted on mast to illuminate the flybridge area
- Davit crane, electric with 800 lb capacity
- 24VDC chrome dual trumpet air horn
- Aqua Signal® Series 45 international navigation lights
- Molded anchor shelf with stainless steel frame and bow roller
- Freshwater wash down on foredeck
- Opening deck hatch over forward stateroom berth - Lewmar® Ocean Series 60 or equivalent
- Maxwell® vertical "low profile" windlass with up/down switch at bow and pilothouse
- Anchor – polished stainless steel, Delta® style 70lb.
- 400' 3/8" HT galvanized chain
- Molded seat in center of Portuguese Bridge with cushion
- Propane storage locker located in Portuguese Bridge

03-Running Gear

- Aquamet 22[®] prop-shaft sized for engine selected
- PYI[®] drip less shaft seal
- 36" 4-bladed class 1 prop
- Shaft zinc and bonded transom underbody zincs
- Articulating rudder and shoe – stainless steel

04- Exterior Finish - Exterior Hardware

- Non-skid surfaced decks in all walking areas
- NW Trawlers logo plates mounted on exterior salon walls
- Hawes holes and cleats of stainless steel: (4) bow, (2) amidships and (2) at stern
- Stainless steel capped rub rails
- Breast plate – 2" half rounded stainless steel
- Burgee staff (bow)
- Flag staff (stern)

05- Engine Room and Lazarette

- John Deere[®] 6081 electronic engine with 24VDC 80 amp alternator (other engine options available – please inquire)
- 305-1 ZF Transmission 2.5:1
- Drip pan under engine
- Engine room exhaust fan – Delta T[®] or equivalent
- Engine room Soundown[®] or equivalent sound management system on the bulkheads, hull sides and overhead
- Stainless steel safety rail around engine
- 24VDC overhead lighting
- Underwater exhaust system
- Dual sea chest with central shut off valve and strainer
- 110VDC duplex outlet
- Generator - 12kw Northern Lights[®] or equivalent with sound shield
- Lift muffler for generator exhaust
- Flooring pads in work areas

06- Fuel System

- Fuel Tankage – aluminum saddle tanks with baffles and inspection plates, 900 total gallons
- Fuel lines - USCG approved bio fuels compatible
- Sight gauges for all tanks
- Dual Racor[®] 75/900 Fuel Filter System with gauge
- Dual deck fills
- Vents located above the main deck

07- Freshwater System

- Polyethylene water tanks - total 300gals
- Hot water tank - 20gal hot water (110VAC and/or engine)
- Deck fill and vents
- Cross linked (PEX[®] or Wirsbo[®]) plumbing tubing
- Headhunter 24VDC pressure fresh water system with accumulator tank

08- Plumbing Systems

- Black water tank – FRP (130gal)
- Gray water tank – FRP (55gal)
- Sanitary and drain plumbing constructed of ABS and high quality sanitary hose
- Macerator overboard discharge pumps for gray water and black water
- Separate deck discharge fittings for gray water and black water

09- Control Systems

- Kobelt® hydraulic steering system
- Electronic engine controls – ZF Mathers or equivalent
- Bow Thruster - ABT® 10hp 24VDC or equivalent

10- Mechanical

- Dump chest (to limit number of thru-hulls) with bronze fittings and seacocks
- All hoses double clamped below waterline
- Bilge pumps (3) with float switches and auto/manual switches

11- Electrical Systems

- 240VAC/110VAC/ 24VDC/12VDC
- Xantrex Freedom® 2500W Inverter/Charger with Link 2000 controller or equivalent
- AGM Batteries
 - 6 (200amp-hr) house (8D)
 - 4 inverter bank (8D)
 - 2 separate engine starting (4D)
 - 1 Group 32 generator starting
 - 2 separate for windlass and bow thruster (8D)
- 10 amp charger for windlass/bow thruster batteries
- AC and DC backlit electrical panels
- Wiring to be tinned copper, color coded and labeled on both ends to ABYC standards
- ACR® auto-charge relays
- Shore power cord 50 Amp 50'

12- Pilothouse

- Electric hot air defroster (fwd windows)
- Destroyer style wheel - 30"
- Windshield wipers with integrated washer system
- AC/DC electronics panel
- Overhead halogen lights with red lights above dash with dimmer
- Overhead electronics panel
- L-shaped dinette w/ storage under settee
- Main engine & generator remote start/stop switches in pilothouse
- Pilothouse windows to be tempered and/or safety glass
- Reading lights behind settee
- (3) 110VAC electrical duplex outlets with a 12VDC outlet on console
- Helm chair - leather with adjustable height pedestal
- Dash panel - black, solid surface material
- Windows on aft bulkhead (2) sliding

13- Galley

- Solid surface counter tops with backsplash
- Force 10® stainless steel propane stove/oven
- Sharp® (or equivalent) microwave convection oven with hood, light and exhaust fan (stainless trim)
- Trash compactor – Broan® or equivalent with stainless steel face
- Xintex® propane control with gas alarm
- Designer quality stainless steel sink
- Refrigerator – Vitrifigo® SS or equivalent
- Pantry
- Drawers and overhead cabinets
- Overhead cabinets between salon and galley
- Large opening window with window treatment
- 110VDC electrical GFI duplex outlets
- Y Valve for overboard discharge of gray water from the sink

14- Salon

- Built-in settee to port with storage under
- Yacht table – hardwood movable, fixed height
- Ample 110VAC electrical duplex outlets and a 12VDC outlet.
- Entertainment cabinet
- TV cabinet
- Wall mounted sconce style lights
- Salon windows tinted with hardwood trim rings and rounded corners
- Overhead valence with room to accommodate shades or blinds
- Space for owner furnished seating on starboard side

15- Master Stateroom

- Queen berth with 8" spring mattress and drawer storage below
- Portlights - (2) port side
- Aromatic cedar lined hanging lockers with automatic lighting
- Headboard with designer appointments
- Designer wall treatments
- Reading lamps (2)
- 110VAC outlets

16- Master Head

- Solid surface counter top w/solid surface sink
- Portlight
- Toilet – Headhunter® or equivalent
- FRP shower stall
- Shower faucet with hand held/adjustable mount showerhead Grohe® or equivalent
- Bi-fold shower door
- 110VDC GFI electrical duplex outlet
- Medicine cabinet with mirror
- Faucets and accessories – Grohe® or equivalent
- Exhaust fan
- Amtico® flooring

17- Guest Stateroom

- Queen size berth or over/under bunks with 6" foam mattresses
- Portlights
- Reading lamps beside berth
- Storage under berth
- Hanging locker, end table and drawers
- 110VDC duplex outlet
- Mirror above the end table

18- Guest Head

- Solid surface counter top w/solid surface sink
- Portlight
- Toilet – Headhunter® or equivalent
- 110VDC GFI electrical duplex outlet
- FRP shower stall
- Shower faucet with hand held/adjustable mount showerhead Grohe® or equivalent
- Bi-fold shower door
- Exhaust fan
- Amtico® flooring

19- General Interior Items

- Hand selected hardwood and veneers, finished with sealer and (2) coats of topcoat
- Soft wall coverings
- Hardwood interior passage doors with blended arched tops
- Locking latches on interior cabinetry - push/pull positive Southco® or equivalent
- Interior cabinetry drawers with side mount, full extension, ball bearing drawer guides
- Interior cabinetry doors use fully adjustable euro style hinges
- Cabinets have furniture quality, pre-finished maple interiors for easy cleaning
- Carpeting & carpet pad - salon, master, guest staterooms, lower stairs, hallway
- Cork flooring in galley, pilothouse and upper stairway
- Hand railings on interior stairways
- Overhead interior lights – 24VDC halogen
- Stateroom closets have automatic lighting and are aromatic cedar lined
- Courtesy lights on all indoor stairways – 24VDC LED
- Stackable washer and dryer – Bosch® or equivalent
- Whisper Wall® headliners of acoustical soft vinyl, eggshell white, panels
- Dimmer switches in the salon, pilothouse, galley, and master stateroom.
- Windows with hardwood trim rings
- Window treatments – designer blinds
- Storage areas with lined bottoms

20 - Flexible Options

Extensive use of CAD engineering has enabled Northwest Trawlers to design a highly modular platform. This makes it possible for us to offer a wide variety of flexible options already integrated into the design. Call our design consultants for more information.

Specifications are under review and subject to change without prior notice. - 01/26/09