



Northwest 48 Semi Displacement Hull

Designer: Steve Seaton



Northwest Yachts are designed to put you in charge of your journey. The NW48 is a state-of-the-art vessel engineered to thrive in the demanding environment of oceans anywhere. With cutting edge construction methods, an extensive list of standard features, these modern trawlers provide the serious cruiser with a self-sufficient and comfortable cruising lifestyle. If you're ready to alter course and find some adventure, please feel free to call for more information.

Specifications

Dimensions

LOA.....	48' 5"	(14.63 M)
LWL.....	44' 2"	(13.41 M)
Navigation beam.....	15' 10"	(4.57 M)
Draft	4' 6"	(1.21 M)
Displacement (half load)	48,000 lbs	(21.77 MT)
Bridge clearance (antennas down)	24' 5"	(7.31 M)

Propulsion (additional twin engine option available):

Make:	John Deere	Model:	6068 AFM75
Horsepower:	330hp	Cruise Speed:	7 – 10 knots
Max Speed:	11 knots	Est. Max Range*:	2200nm @ 7 knots

Tankage:

Fuel:	600 US Gal (2,271.24 L)	Water:	300 US Gal (1,135.62 L)
Black Water:	130 US Gal (492.10 L)	Gray Water:	55 US Gal (208.19 L)

*Range with reserves and genset(s) running

Hull and Superstructure

- Hull and deck of vacuum bagged composite construction
- Hull color - Ferro gelcoat, white
- Superstructure - Ferro gelcoat, white
- Scuppers on aft, starboard side, foredeck to common drain lines
- Watertight bulkheads (3)
- Floors, decks and major bulkheads are composite construction and laminated to hull
- Hull reinforced for optional stabilizers
- Four (4) layers of vinyl ester resins used in construction to minimize chance of blisters
- Kevlar® layer in forward sections of hull below waterline
- Black anti-fouling paint
- Painted boot stripe
- Cap rails of composite material and finished in choice of colors
- Rub rails - integral to hull with solid stainless half round strakes (2)
- Overhead LED deck lighting (24VDC) on exterior walk and outside pilothouse
- Exterior doors - Diamond Sea Glaze (or equivalent), white with matching locks
- Equipment manuals include wiring and piping diagrams
- All opening portlights to be stainless with screens Manship or equivalent

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 counter top, stainless sink, extendable hot & cold sprayer, and 110 volt GFI duplex outlet
- Sliding aft saloon door to cockpit of Diamond Sea Glaze or equivalent
- Mooring cleat on port side of transom bustle
- Water fill
- 50 amp shore power receptacle
- Hot/Cold Shower at swim step

Boat Deck, Flybridge, Portuguese Bridge, and Foredeck

- Molded anchor shelf for 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 RC2500 vertical windlass with up/down switch at bow and pilothouse
- Portuguese bridge includes storage locker and 110VAC GFI outlet
- Deck rails of stainless steel with stanchions around Portuguese bridge
- Radar mast - FRP with provisions for electronic antennas

- Mast mounted boom dinghy lift with 2 electric winches
- Dual chrome trumpet air horn
- Aqua Signal series 45 International navigation lights
- Molded non-skid surfaced decks in all walking area
- NWY emblem of stainless with accent color background mounted on salon walls aft P&S
- NW48 emblems mounted on flybridge coaming P&S
- Hawes holes and cleats of stainless steel (4) bow, (2) amidships P&S and (2) aft
- Stainless steel capped rub rails of (2) 1" stainless steel solid half rounds
- Bow and stern flag staffs
- Breast plate of 2" solid half rounds at bow

Engine Room & Lazarette

- John Deere 6068 AFM75 electronic engine with 24V 140 amp alternator
- ZF 360 transmission 2.917:1 ratio
- Generator - 12 KW Northern Lights or equivalent with sound shield
- Drip pan under engine
- Engine room exhaust fan
- Engine room sound dampening of 3" on bulkheads, hull sides, and overhead
- Perforated aluminum covering
- Stainless steel safety rail around engine
- 24VDC overhead lighting
- Aqua Lift style muffler with bypass and underwater exhaust, insulated blanket in dry portion of system
- Sea chest manifold
- 110VAC GFI outlet
- Lift muffler for generator
- Flooring pads in work areas
- Engine room fire suppression system

Running Gear and Control Systems

- Hydraulic steering system Teleflex or equivalent
- Electronic engine and shift controls of ZF Mathers or equivalent
- Bow Thruster - ABT 10 hp, 24VDC or equivalent
- Articulating rudder of stainless steel
- ZF prop shaft
- PYI dripless shaft seal
- 34" 4-bladed class 1 prop
- Shaft zinc and bonded transom underbody zincs

Mechanical and Plumbing Equipment

- Fuel tankage of aluminum saddle tanks with baffles and inspection plates (640 gal)
- Trident "Blue" fuel lines
- Sight gauges for all tanks remotely mounted for ease of reading while doing engine room checks
- Dual Racor 75/900 Fuel filter system with pressure gauge
- Dual fills on starboard side
- Tank vents located high above main deck
- Two (2) water tanks of FRP, 150 gallons ea for a total of 300 gallons.
- Hot water tank - 20 gallon capacity (110v and/or engine heated)
- Deck fill and vents
- Kitec plumbing hose with bronze fittings
- Headhunter 10 gpm, 24vdc pressure fresh water system with accumulator tank
- Shoreside fresh water connection
- Dump chest and bronze thru hull fittings with bronze seacocks
- Bilge pumps - (3) of 2000 gph capacity Rule 2000 or equivalent
- All hoses double clamped below waterline
- Sanitary plumbing constructed of ABS Trident sanitary hose
- Macerator pump/discharge pump with separate deck discharge fitting

Electrical Equipment

- Northern Lights 12 KW 240VAC generator or equivalent
- Choice of Kabola hydronic heating system OR Cruisair split reverse cycle A/C system
- Electrical System of 240VAC, 120VAC, 24VDC, and 12VDC
- Xantrex Freedom 25, 2500 watt inverter/charger with Link 2000 controller or equivalent
- House battery system of (4) 255 ah 8D AGM batteries, Lifeline or equivalent
- Inverter battery system of (2) 255 ah 8D AGM batteries, Lifeline or equivalent
- Main engine start battery system of (2) 210 ah 4D AGM batteries, Lifeline or equivalent
- Thruster/Windlass battery system of (2) 255 ah 8D AGM batteries, Lifeline or equivalent
- Generator start battery of (1) 110 ah Group 31 AGM battery, Lifeline or equivalent
- Battery charger of 10 amp output for thruster/windlass battery bank
- AC and DC backlit electrical panels of Blue Seas or equivalent
- Wiring to be copper tinned, color coded and labeled at both ends
- Newmar auto-charge relays
- Shore power cord - 50 amp, 50 feet in length

Electronics and Entertainment Equipment

- Owner specified, pre-wiring may be done at factory

Pilothouse

- Electric hot air defroster over helm station, three outlets, one per forward facing window
- Custom wood steering wheel - 30"
- Windshield wipers with integrated washer on all three forward facing windows
- AC/DC electrical panels on either side of steering station
- Overhead halogen lights w/ red lights above dash w/ dimmer
- Overhead panel for electronics installation, wood faced
- L-shaped settee with hi/low table that converts to berth
- Pilot berth behind settee
- Remote start/stop switch for main engine and generator
- Pilothouse windows to be tempered and/or safety glass with black fret border
- Reading lights behind settee
- (3) 110VAC duplex electrical outlets
- 12VDC convenience outlet on dash for charging cell phones, etc.
- Helm chair - ultra leather with adjustable height pedestal, Liebroc or equivalent
- Dash panel of black solid surface material with glare screen wrapped in black vinyl
- (2) sliding windows on aft bulkhead
- Flooring - natural cork with dark cork border

Saloon

- Built-in L-shaped settee to port with storage under
- Yacht table - hardwood with select veneers for top, fixed height
- (4) 110VAC duplex electrical outlets
- Entertainment cabinet
- Wall mounted sconce style lights of 110VAC
- Saloon windows tinted with hardwood trim rings and rounded corners
- Overhead valance with room to accommodate shades
- Bamboo style drop shades
- Owner supplied furniture for space on starboard side
- Flooring - carpet with Soundown carpet pad under

Galley

- Solid surface countertops with backsplash, Corian or equivalent
- Force 10 propane range, 3 burner
- Sharp or equivalent microwave/convection oven with hood, light and exhaust fan (black)
- Exhaust fan to vent overboard
- Trash compactor - Broan w/ stainless face or wood matching cabinet veneers
- Xintex propane control system with gas detection alarm

- Stainless steel sink with large single basin
- Grohe sink fixture with removable spray head
- Refrigerator - Tundra 9 cuft
- Pantry of hardwood, full height pull out adjacent to refrigerator
- Drawers and overhead cabinets
- Overhead cabinets between salon and galley
- Large opening window with window treatment
- (3) 110VAC duplex outlets, GFI
- Y valve for overboard discharge of galley sink gray water
- Flooring - natural cork with dark cork border

Master Stateroom

- Queen sized berth with 8" spring mattress and drawer storage below
- Portlights (2) port side
- Cedar lined hanging lockers with automatic lighting
- Headboard with designer appointments including mirror and wood trim
- Wall treatments with foam backing
- (2) bulkhead mounted reading lamps
- Built-in seat with storage under
- (3) 110VAC duplex outlets
- Flooring - Carpeting with pad under

Master Head

- Solid surface counter top of Corian or equivalent
- Portlight
- Toilet - Headhunter or equivalent
- FRP shower stall with saloon style glass doors
- Grohe fixtures for sink and shower (removable wand type shower head)
- (1) 110VAC duplex electrical outlet, GFI
- Mirrors, (1) large mounted over toilet and (1) shaving mirror adjacent to sink
- Exhaust fan – 110VAC
- Towel and toilet paper holders
- Flooring - Amtico or equivalent

Guest Stateroom

- Queen sized berth with 8" spring mattress and drawer storage below
- Portlights (1) port side, (2) starboard side
- Reading lamps (2), one at each berth
- Cedar lined hanging lockers with automatic lighting
- (3) 110VAC duplex electrical outlet
- Side cabinets on either side of berth
- Forward bulkhead with designer appointments including mirror and wood trim
- Flooring - Carpeting with pad under

Guest Head

- Solid surface counter top of Corian or equivalent
- Portlight
- FRP shower stall with saloon style glass doors
- Toilet - Headhunter or equivalent
- 110VAC duplex electrical outlet, GFI
- Grohe fixtures for sink and shower (removable wand type shower head)
- Exhaust fan, 110VAC
- Cabinet below sink
- Mirror
- Towel and toilet paper holders
- Flooring - Amtico or equivalent

General Interior Finishes

- Hand selected hardwood and veneers
- Soft wall coverings, foam backed
- Hardwood raised panel 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 to have pre-finished maple interiors for easy cleaning and furniture grade quality
- Interior hand rails (stainless steel or hardwood) on stairways
- Hand rails (hardwood) on overhead in salon, overhead in pilothouse, overhead in master
- Hand rails (hardwood) on either side of steering station integral to counter trim
- Overhead lights of Halogen or LED
- Bosch washer/dryer
- All headliners of acoustic soft, foam backed vinyl in eggshell or white panels

- All electrical switches and outlets are Vimar
- Dimmer switches in saloon, galley, pilothouse and master stateroom
- Windows tinted (exception, 3 forward facing pilothouse windows)
- Window treatments - designer blinds in salon and galley
- Storage areas with carpet lined bottoms and sides

-- End of Specifications --

These preliminary specifications have been prepared to cover equipment and materials as accurately as possible. Specifications are continually under review and subject to change without notice.

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