



Northwest 52 Semi Displacement Hull

Designer: Steven R. Seaton



Northwest Yachts are designed to put you in charge of your journey. The NW 52 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 trawler style motor vessels 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:	52' 7" (16.02 M)	LWL:	48' 7" (14.8 M)
Beam:	17' 2" (5.23 M)	Draft:	4' 6" (1.37 M)
Displacement:	61,800 lbs (28.03 MT)	Bridge Clearance*:	16' 7" (5.05 M)

* With optional hinging radar arch

Propulsion (See Engine Options):

Make:	John Deere	Model:	6068 AFM75
Horsepower EA:	(2) @ 330 hp	Cruise Speed:	8-14 Knots
Maximum Speed:	16 Knots	Est. Range**:	1200 NM

**Range with reserves and genset running

Tankage:

Fuel:	900 Gal (3407 L)	Water:	300 Gal (1135 L)
Black Water:	130 Gal (492 L)	Gray Water:	55 Gal (208 L)

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
- 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
- Engine room fire suppression system

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 starboard side salon door of Diamond Seaglaze (or equivalent)
- Sliding aft salon door to cockpit of Diamond Seaglaze (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

- Portuguese bridge includes storage locker and 110VAC GFI outlet
- Flybridge area over pilothouse with steering and engine controls
- Deck rails of 1.5" stainless steel with 1" stanchions on boat deck and foredeck
- Deck rails of stainless steel with stanchions around Portuguese bridge
- Radar Arch - FRP with provisions for electronic antennas
- Brower electric davit crane - 800lb capacity
- Dual chrome trumpet air horn

- Aqua Signal series 45 International navigation lights
- 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
- Anchor - Rocna 88 lb.
- 200' of 3/8" HT galvanized chain with 200' of 5/8" anchor rode
- Molded seat in center of Portuguese bridge with cushion
- Propane locker in Portuguese bridge

Exterior Finish and Hardware

- Molded non-skid surfaced decks in all walking area
- NW Yachts emblem of stainless with accent color background mounted on salon walls aft P&S
- NW52 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

Running Gear

- ZF prop shafts
- PYI dripless shaft seal
- 34" 4-bladed class 1 props
- Shaft zinc and bonded transom underbody zincs

Engine Room and Lazarette

- (2) John Deere 6068 AFM75 (330hp ea) electronic engines with 24 V 140 amp alternator
- ZF 360 transmissions 2.5:1 ratio
- 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 LED lighting
- Aqualift style mufflers 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

Fuel System

- 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

Freshwater System

- 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

Plumbing System

- Black water tank - FRP (130 gal)
- Gray water tank - FRP (55 gal)
- Sanitary plumbing constructed of ABS Trident sanitary hose
- Macerator pump/discharge pump with separate deck discharge fitting

Climate Control Systems (choice of)

- Kabola 48000 btu hydronic diesel heating system
- OR
- Cruiseair 50000 btu split reverse cycle A/C system

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

Mechanical

- 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

Electrical Systems

- Northern Lights 12 KW 240 VAC generator or equivalent
- Electrical System of 240 VAC, 120 VAC, 24 VDC, and 12 VDC
- Outback VFX3524M Inverter/Charger 3500VA Power Rating with remote controller
- 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 batter 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

Pilothouse

- 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 LED 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, Llebroc 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

Galley

- Solid surface countertops with backsplash, Corian or equivalent
- Bertazzoni X244GGVX Range
- Sharp or equivalent microwave/convection oven with hood, light and exhaust fan (black)
- Exhaust fan to vent overboard
- Trash compactor - Broan Elite 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
- Liebherr CS1200 11.4 cu.ft. refrigerator/freezer
- 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 – teak and holly, natural cork with dark cork border, or Amtico

Saloon

- Built-in L-shaped settee to port and starboard 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

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

VIP Stateroom

- Queen sized berth with 8" spring mattress and drawer storage below
- Portlights (2) 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 Stateroom/Office

- Over/under bunks or desk (optional)
- Portlight
- Reading lamps (2), one at each berth
- Cedar lined hanging lockers with automatic lighting
- (3) 110VAC duplex electrical outlet
- Flooring - Carpeting with pad under

VIP/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 Features

- 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 saloon, 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
- Stacked 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 salon, galley, pilothouse and master stateroom
- Windows tinted (exception, 3 forward facing pilothouse windows)
- Window treatments - designer blinds in saloon and galley
- Storage areas with carpet lined bottoms and sides

Options (partial list)

- Engine upgrade
- 5 Blade propeller upgrade
- Stern thruster
- Trac stabilizers
- Trac hydraulic bow and stern thruster
- Maxwell hydraulic windlass
- Chain counter
- Glendinning cable master system
- Seatorque Boss shaft system
- Appliance upgrades
- Kevlar layers in fwd section of hull (3)
- Watermaker
- Ceiling Mount Flip-down TV
- ESI fuel polishing system
- Searchlight

-- 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.

Date: 10-1-2015

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