



46 Dayboat Flybridge Specifications

Effective August 1, 2021 thru December 31, 2022



46 Dayboat Flybridge

Length, overall (LO.A.) 46'

Beam, overall (B.O.A.) 15' 1"

Deadrise (at transom) 14.5°

Draft 4'4"

Displacement (standard Fuel load)
43,000 pounds

Fuel capacity standard 600 gal

Water capacity 90 gal

Holding tank capacity 10 gal

Cockpit area 160 square feet

CONSTRUCTION

- Ablative/Copolymer anti-fouling bottom paint, 2 coats, primed
- Awlgrip engineroom, lazarette, forward bilge and anchor locker for enhanced visibility and easier maintenance
- Blister resistant modified epoxy resin in entire hull skin
- Custom blended modified vinylester and polyester resin used in structural laminates, topsides, bridges, and hardtops
- Dockside and overboard pump outs for holding tank
- DuPont high gloss polyurethane boot stripe
- Fiberglass side thru hulls
- Satin teak interior finish throughout
- High performance isophthalic gelcoat npg superior gloss, flexibility and outstanding weathering characteristics
- Hull vacuum bagged using Airex foam cores with Aramid and E-glass hybrid fiberglass laminates
- Hull interior isophthalic gelcoat topcoat with a durable high gloss

- polyurethane coating
- Aluminum fuel tank and molded freshwater and holding tanks
- Molded fiberglass salon floor/engineroom ceiling with core for acoustical and thermal insulation
- Nonskid molded in for traction and durability
- Stringers, fiberglass encapsulated foam
- Vacuum infused composite bulkheads - main engineroom bulkhead, intermediate engineroom bulkheads, and forward bulkhead

MECHANICAL

- Air Conditioning - direct expansion zoned with reverse cycle heat for complete climate control throughout the interior and with individual temperature controls for staterooms and salon
- Bilge pumps with additional clean out pumps on centerline linked into monitoring system and connected to switches for automatic and manual operation
- DC power-assist hydraulic steering
- "Delta-T" engineroom ventilation system with supplies and discharge fans for proper fresh air supply and water intrusion suppression
- Fire suppression system tied into main engine and generator ignition systems with override
- Fuel and oil lines, flexible, steel reinforced USCG approved aircraft type.
- Fuel priming pumps electric 12V DC, for main engines
- Hour meters on main engines and generator
- Internal sea strainers for generator
- Mufflers - engines, in-line type with surge tubes in engineroom
- Mufflers - generator/lift muffler with gas water separator for cleaner, quieter operations
- Oil changing system, gear type pump for main engines, transmissions, and generator
- PEX plumbing, freshwater system

- with manifold system shut off
- Deck pump out fitting and direct overboard pump out for holding tank
- Pressurized freshwater system, 12V D/C pump with on deck freshwater fill and cockpit dockside supply inlet with pressure reducing valve
- Propellers - Class 'S' pitch tolerance (ISO 484/2) and dynamic balancing. Advanced design cambered blade sections for optimum performance.
- Racor fuel water separators for main engines and generator includes vacuum gauge for fuel filter restriction - Awlgrip white
- Rudders, stainless steel, with composite rudder bearing and drip-less seal laminated into hull
- Seacocks, stainless steel, ball-type sea valves and strainers for all thru-hulls below the water line
- Shafts - 2 Aquamet high-strength stainless steel, double-taper with machined keyway and thrust plate at main engine couplings
- Struts - thru-water, Nibral
- Trim tabs, dual piston with individual controls with the trim tab covers on transom
- Twin diesel engines with marine grade reduction gears *See manufacturers information for specifications
- Water heater, quick recovery, electric
- Emergency bilge "crash" pumps (2)

ELECTRICAL

- 12V DC ship's service throughout
- 12V power supply with breakers on flybridge for future electronics
- Anchor light/navigation lights
- Batteries, (2) independent 24V banks mounted in fiberglass storage box
- Battery chargers, (2) with thermal cutoff and switching system for complete integration
- Battery distribution panel with battery cutoff and charging system breakers
- Battery parallel system for main engines and generator start

ELECTRICAL (Cont'd)

- Bonded electrical system with ground plate battery distribution panel with battery cutoff and charging system breakers
- Color-coded, labeled wiring system with corresponding drawings
- LED interior lighting throughout
- Emergency DC crossover
- Engineer room lights, DC with switch
- Generator, Diesel - Onan 12.5 kW E-QD (electronic quiet diesel) Series (R)
- Shore power cable with 3 wire grounded cord, 50 amp/220V inlet with 50' cord
- Instrument panel lights for main electric panel
- Master electrical control panel located in cabin with 12V/ 120V circuit breakers, individual switching for shore or generator supply and gauges for electrical supply, voltmeter, amp meter and frequency
- Receptacles, 120V duplex with GFI throughout

FLYBRIDGE

- Controls: Side mounted
- Extended overhang for extra room to around behind helm
- Fire system control with automatic and manual discharge and override system at console
- Helm seat, ladder back
- Instrumentation based on standard engine package,
- Compass flush mounted
- Manual engine shutdown switches in console
- Nonskid deck
- Port and starboard side bench seating vinyl cushions and storage underneath
- Power assist steering
- Gas pistons tapped into lids

HARDTOP

- Hard Top w/molded top, polished pipe (2) antenna standoffs
- Enclosure 3 sided strataglass
- 4 recessed lights in hardtop, tricolor LED
- Radar pod with sliding teaser

door

- Rupp outriggers 33' – 2-Spreader, solid back bar
- 4 rod holders welded to rail behind hardtop

COCKPIT

- Cable TV and connections located in cabinet and wired to accommodate satellite system
- Dockside electric connection –50 amp/ 220V electric , 50' cable included
- Dockside water connection with pressure reducing valve under forward gunwale
- Engineer room access thru mezzanine opening
- Extended flybridge overhang for shade
- Freshwater wash down with hose bib located under forward gunwale
- Gaskets for all lids & doors
- Indirect rope lighting under coaming
- Ladder to flybridge, one-piece, anodized aluminum
- Backing plate in deck for fighting chair or table
- Lazarette hatch with access to steering, trim tabs, drains and pumps
- Lighting, recessed lights in flybridge overhang
- Observation mezzanine freezer box & bait prep
- Stainless steel cleats and hawse pipes
- Rod holders, (4) flush mounted
- Seawater wash down under gunwale
- Self bailing cockpit with large cockpit scuppers
- Stainless steel gas pistons, all hatches and lids
- Walk-through transom door with lift gate

SALON

- Several layouts available
- Air conditioning with reverse cycle heat
- Lighting, overhead LED Lights
- Main electrical service panel, AC/DC
- Teak cabinetry with drawers

- Windows, fixed, frameless side windows with tinted, tempered glass

GALLEY/DINETTE

- Countertop, bone color Corian
- Dinette table, high gloss finish with single pedestal thru-bolted
- Electric range, 2-burner
- Lights, overhead LED lighting
- Microwave/convection oven in galley cabinet
- Refrigerator and freezer, large capacity, deep-drawer under-counter style
- Sink, recessed w/ S.S. faucet
- Storage cabinets and drawers in lower galley, varnished teak doors and faces with stowage for stove lids, utensils, and other items

LOWER CABIN

- SEVERAL LAYOUTS AVAILABLE

HEAD

- Countertop, one-piece molded bone Corian with rounded edges and with sink with satin nickel faucet
- Electric heads plumbed with y-valve for overboard discharge or direct to holding tank
- Exhaust fan with vent
- flooring, non-skid
- Linen storage
- lower vanity with teak door
- Lights, overhead LED lights recessed in ceiling
- Mirrored wall behind upper vanity, medicine cabinet with mirrored doors
- Towel bars and ring

MISCELLANEOUS

- Anchor - constructed with a high-tensile, corrosion resistant aluminum magnesium alloy
- Anchor locker with access from foredeck
- Anchor rode
- Awlgrip bilge areas with access hatches, snow white and lighted using magnetic switches for easier maintenance and cleaning
- Awlgrip lazarette, engineer room, anchor locker and forward bilges



MISCELLANEOUS (Cont'd)

- Fire extinguishers (5)
- Magnetic switches for lights in all forward bridge compartments
- Mooring lines, braided nylon (6)
- Positive catches on all stateroom doors to secure open
- Recessed covers on transom to protect trim tab pistons
- Removable carpet with bond edges and foam backing in staterooms companionway
- Stainless steel bow, spring and stern cleats thru-bolted to aluminum backing plates
- Water delivery kit with tool set
- Zinc on transom

NOTES:

This specification sheet is subject to change. The right is reserved to make changes, without notice, at any time, in equipment, materials, prices and specifications. Line drawings and photos may show some optional equipment

- A. Capacities of tanks are estimates and useable volume will vary depending upon conditions.
- B. These prices apply only if order is placed prior to boat going into production. Prices are for standard installation only. Custom work is extra cost.
- C. Weight shown is calculated with standard fuel and water tanks full.
- D. Includes life jackets (6 adult), life ring (21") flare kit, fenders: 10" (2), engine oil, deck mop, deck brush, bucket, hose, nozzle, fuel filters: engines and generator, raw water pump impeller for generator (1), boat soap (1qt.) and bilge cleaner (1qt.)
- E. Generator is not intended to supply power for all standard and, optional accessories. Load must be limited to generator output rating.

POWER OPTIONS

TWIN CUMMINS QSM11 715HP, TWIN VOLVO D12 725HP, TWIN MAN I-6 800HP,
TWIN VOLVO D13 1000HP

TOWER OPTIONS

WE WORK WITH THE BEST TOWER MANUFACTURERS IN THE WORLD. THERE ARE FAR TOO MANY OPTIONS TO LIST. AFTER WE SPEC A BOAT, WE WILL WORK WITH YOU AND THE TOWER MANUFACTURER TOGETHER TO CUSTOMIZE IT TO BE EXACTLY WHAT YOU WANT.

ELECTRONICS & ENTERTAINMENT

THIS AREA IS TOTALLY UP TO THE CUSTOMER. WE WORK WITH SOME OF THE FINEST COMPANIES IN THE INDUSTRY WHO WILL CUSTOMIZE A SYSTEM TO YOUR SPECIFIC NEEDS AND BACK IT UP WITH GREAT SERVICE FOR YEARS TO COME.

ARRANGEMENTS

