



46 Express Specifications

Effective September 1, 2021 thru December 31, 2022



46 Express

Length, overall (LO.A.) 46'

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

Deadrise (at transom) 14.5°

Draft 4'4"

Displacement (standard Fuel load)
35,000 pounds

Fuel capacity standard 600 gal

Water capacity 90 gal

Holding tank capacity 10 gal

Cockpit area 140 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

- Battery charger 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
- Bonded electrical system with ground plate
- Color-coded, labeled wiring system with corresponding drawings
- LED interior lighting throughout
- Emergency DC crossover

- Engineroom lights, DC with switch
- Generator, Diesel - Onan 13.5 kW E-QD (electronic quiet diesel) Series, user-friendly with electronic governing allowing voltage and electronic frequency control (E)
- 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, ampmeter and frequency
- Receptacles, 120V duplex with GFI throughout

BRIDGE DECK

- Controls: top mounted electronic controls with station select on keypad
- Engineroom access thru hatch in bridge deck
- Fire system control with automatic and manual discharge and override system at console
- Helm seat, teak ladder back with 4" pedestal
- Instrumentation based on standard engine package
- Lighted compass flush mount on centerline
- Manual engine shutdown switches in console
- Nonskid deck for traction and durability
- Offshore Systems safety monitoring system with audible and visible alarms: fire, engineroom temperature, high bilge water, high exhaust temperature, high coolant temperature, low oil pressure, and generator as well as

confirming correct system operation

- Port and starboard side bench seating vinyl cushions and storage underneath
- Power assist steering

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

- Dockside water connection with pressure reducing valve under forward gunwale
- Freshwater wash down with hose bib located under forward gunwale
- Gaskets for all lids, doors and access doors
- Indirect lighting under coaming
- Backing plate in deck for fighting chair or table
- Lazarette hatch with access to steering, trim tabs, drains and pumps
- Observation mezzanine freezer boxes (2) & bait prep
- Rod holders, (14) 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

LOWER CABIN & GALLEY

- Air conditioning with reverse cycle heat
- Flooring, teak & holly
- Headliner, painted finish
- Over / under bunks with storage underneath
- Main electrical service panel, AC/DC
- Teak cabinetry with drawers
- Countertop, high gloss bone color Corian
- Lights, overhead LED
- Microwave oven in galley
- Refrigerator, 2-drawer under-counter
- Sink w/ S.S. faucet

HEAD

- Countertop, one-piece molded bone Corian with rounded edges
- Electric head plumbed with y-valve for overboard discharge or direct to holding tank
- Exhaust fan with vent
- Flooring, nonskid
- Bath towel storage
- Lower vanity with fiberglass door
- Lights, overhead LED lights
- "Wet head" shower, fiberglass with chrome shower fixtures and with drain to automatic sump pump in bilge
- Towel bar 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
- Fire extinguishers (3)
- Mooring lines, braided nylon (6)
- Stainless steel bow, spring and stern cleats pop-up
- Water delivery kit with tool set (D)

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.
- F. production. Prices are for standard installation only. Custom work is extra cost.
- G. Weight shown is calculated with standard fuel and water tanks full.
- H. 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.)
- I. 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 850HP,
TWIN VOLVO D13 1000HP

TOWER OPTIONS

WE WORK WITH THE BEST TOWER MANUFACTURERS IN THE WORLD. WE HAVE PUT TOGETHER THREE BASIC PACKAGES FOR OUR 46 WALKAROUND. 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

HARD TOP

- Hard Top - molded top
Polished Pipe (2) Antenna
Standoff
- Enclosure 3 Sided
Strataglass Panels
- Recessed Lights (4),
Lumitec tri-color LED
- Molded 2-in-1 Lumitec
LED spreader light pod aft
- Rod Holder Polished Weld
to Rail behind Hardtop (6)
- Rod Holder Polished Weld
to Aft Legs (2 each side)
- Rupp outriggers (2)
Carbon Fiber with Top
Gun Z-30 Bases
- Nav Lights Port Starboard,
stern Molded

MARLIN TOWER

- Marlin Tower w/molded
top, No gap, Polished
Pipe, (2) Antenna Standoff
- Enclosure 3 Sided
Strataglass Panels
- Recessed Lights (4),
Lumitec tri-color LED
- Control Box 53" w/Flush
Mounted Compass
- Molded 2-in-1 Lumitec
LED spreader light pod aft
- Tower Sunshade Molded
Top Welded Antenna
Mounts
- Rod Holder Polished Weld
to Rail behind Hardtop (5)
- Rod Holder Polished Weld
to Aft Legs (2 each side)
- Rupp outriggers, Single
Spreader, solid back bar
- Recessed lights (2) tri-
color tower sunshade

TUNA TOWER

- Tuna Tower w/molded top
Walkaround 6' gap,
Polished Pipe, (2) Antenna
Standoff
- Enclosure 3 Sided
Strataglass Panels
- Recessed Lights (4),
Lumitec tri-color LED
- Molded One Piece
Standing Platform with
molded box
- Molded 2-in-1 Lumitec
LED spreader light pod aft
- Control Box 53" w/Flush
Mounted Compass
- Tower Sunshade Molded
Top Welded Antenna
Mounts
- Rod Holder Polished Weld
to Rail behind Hardtop (5)
- Rod Holder Polished Weld
to Aft Legs (2 each side)
- Rupp outriggers, Single
Spreader, solid back bar
- Recessed lights (2 each)
tri-color tower sunshade
& platform

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

