



ZODIAC HURRICANE TECHNOLOGIES, INC.

Professional Division

Proluxe 561 Mid Engine diesel APPROVED SOLAS RESCUE BOAT

Lloyds Type Approval – SAS S100045

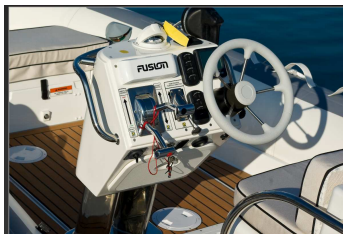
MED Approval - MED 1050078



The Proluxe 561 rescue boat was developed to fulfill the needs for a luxury yacht tender but also meet the requirements of an approved rescue boat under the Large Yacht Code (LY2). This is an eminently useful tender that has sparkling performance with its approved diesel engine driving a sterndrive or waterjet.

The P561 hull design was from Team Scarab Inc who is specialists in high performance diesel boats.

There is ample seating for passengers and crew with six dedicated seats as standard. Captain and crew will appreciate the low maintenance design and craftsmanship of the electrical, fuel and other systems that are well documented in the comprehensive operator's manual delivered with the boat. The large bow locker stores most of the mandatory rescue equipment with additional storage in the control console. There are also options available to enhance the looks and maintainability such as synthetic teak decking, custom upholstery, and polished stainless steel metalwork. Some but limited customization is also available within the approval configuration.



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P561 Proluxe Description

General

- Complies with ISO: 6185-3 and ABYC standards and recommended practices.
- Complies with SOLAS 74, as amended, Regulations III/4,34 and X/3, IMO Resolution MSC.48 (66), LSA Code, Regulations 1/1.2 and V/51, IMO Resolution MSC.97 (73), 2000 HSC Code, Regulation 8.1, IMO Resolution MSC.81 (70), Part 1
- Complies with MCA Large Yacht Code 2 (LY2)
- Stainless steel fasteners throughout – All fasteners larger than 1/4" ASTM A 276, type 316. Fasteners installed with Tefgel anti-corrosion lubricant.
- Metric fasteners
- White plastic caps on visible interior component fastener heads on engine cover and console.
- Fiberglass components - white NPG gelcoat, fire retardant vinylester resin
- Stainless Steel – 316 or 316L for welded components
- Visible SS components electropolished
- Exterior aluminum components – powder coated
- Removable cushions, with removable Sunbrella coverings and EZ-Dry foam

Hull and Equipment

P561 IO/DJ PROLUXE BASIC BOAT

- SS bow eye
- SS transom tie downs
- Self draining deck, with high capacity scuppers
- Under deck cable routing
- Deck plates fasted with SS inserts, lag bolts are not used
- 6" Folding SS deck cleats at transom
- SS deck hardware and latches
- SS folding pad eyes at the bow to be used with a tow bridle
- Operators manual
- SS ski tow point
- ABYC/ISO 6185 warning labels
- 4 SS beverage SOLAS lift system with folding SS lift points and polyester webbing lift sling

P561 IO/DJ PROLUXE HULL GRP

- White NPG gelcoat
- H561 hull/deck w/ integral swim platform and bow locker
- Fire retardant Vinylester resin, balsa or coremat core
- SOLAS approved polyethylene Floatation foam
- Removable deck plates, fuel cover plates
- Non-slip deck surfaces

P561 ENGINE COVER

- SS latches and hardware
- Integrated engine air intakes
- Interior sound insulation reduces engine noise
- Engine cover hinges aft for engine access
- Fire port
- Powder coated aluminum hand rails
- Gas spring hatch openers



P561 SOLAS CONSOLE

- Low profile offset console
- Powder coated aluminum hand rail

P561 CUSHION SET – GREY

- Removable cushions allow boat to be used in a "utility" capacity
- Areas under cushions are high visibility orange, SOLAS requirement
- removable cushion covers
- EZ-Dry foam
- Custom colours available

SOLAS HIGH VISIBILITY ORANGE MARKINGS

- International orange gelcoat under the seat cushions.
- Meets Solas high visibility requirements when seat cushions are removed

SOLAS RIGHTING ASSIST SYSTEM

- Transom mounted system allows the boat to be righted by a minimum of two people
- Removable for when boat is in “Non-SOLAS” mode
- Includes an orange inflation bag, and a high pressure compressed air inflation system

Collar

P561 SOLAS COLLAR, 5 CHAMBERS WITH 3.5 PSI RLF VALVES & CAPS

- White 1670 dtex fabric, hypalon for superior maintenance characteristics
- 5 chamber collar design
- SOLAS required 3.5 psi relief valves and caps
- Includes color matched repair kit

P561 COLLAR ATTACHMENT FLANGING

- Collar is mechanically attached to the hull.
- Collar can be easily removed, and re-installed without glue
- Bow attachment hardware is attached with flush hardware

P561 PROLUXE COLLAR DRESSING

- Single row of Proluxe grey nitrile rubstrake
- Fabric Proluxe grab handles
- Bow roller with integrated running lights and hidden fuel vent

REMOVABLE LIFE LINE – SOLAS REQUIREMENT

- SOLAS required life-line attaches to tube mounted d-rings with SS snap shackles

RETRO-REFLECTIVE TAPE – SOLAS REQUIREMENT

- SOLAS approved reflective tape mounted on collar or collar cover

BOAT HOOK STORAGE PATCHES

- Collar mounted patches for boat hook storage (boat hook is included with SOLAS ancillary package)

BOW LETTERS

- SOLAS required lettering at the bow to indicate the Yacht’s name, and port

CALL SIGN LETTERS

- SOLAS required call sign letters mounted on top of the self right valise

Ancillary (Contained in watertight grab bags)

PROLUXE FWD TOW BRIDLE, 200'

- 200' braided nylon tow bridle
- Used to tow the tender behind the yacht.

PROLUXE ANCILLARY EQT

- Manual inflation pump
- Pair of telescopic paddles in storage bag



FIRE EXTINGUISHER 2.5LB ABC

- White USCG approved 2.5 lb ABC fire extinguisher
- Includes mounting bracket

HAND HELD SEARCHLIGHT

- 12V handheld searchlight. SOLAS requirement

SOLAS ANCILLARY PACKAGE (packed in water tight grab bags)

- Sea anchor and line
- Handheld flashlight with extra batteries, and bulb
- 6' boat hook
- Painter line and release
- Throw lines (2)
- Radar reflector
- Plastic bucket
- Liferaft knife
- Bailing sponges (2)
- Bailing bucket
- Ascon survival suites (2)
- SOLAS first aid kit
- Rope ladder
- Tow bridle and buoyant tow line (to be used at stern of rescue boat)

SOLAS 4 POINT LOW PROFILE LIFT SLING

- 4 leg, polyester sling with SS master link, and SS shackles
- 1774 Kg hoist weight (SOLAS Rescue Boat condition – full fuel, 6 persons @ 82.5 kg. Ea.)
- 1580 mm keel to sling apex

Electrical, Navigation & Communication

OPTIMA MARINE DUAL PURPOSE BATTERY (two batteries are standard)

- Optima D34M dual purpose battery, 12 VDC, 750 CCA, 55 Ah capacity
- Stored under deck, with waterproof hatch access and heavy duty hold-downs

BATTERY SYSTEM, 1 ENG/2 BATTERY

- Dual battery system
- Either battery can be used for start, and paralleling capabilities
- Includes separate house battery switch to shutoff house loads

PROLUXE 12 VOLT CHARGE SYSTEM

- 12 VDC charge point used with a ship based charge system.
- Charger is not included.
- Meets SOLAS requirements

PROLUXE SWITCH/FUSE PANEL

- 8 circuit switch panel with fuse block.

PROLUXE LED NAVIGATION LIGHT PACKAGE

- LED navigation package includes extend-a-light anchor light, and bow mounted led navigation lights.
- USCG/CE approved. (other approvals need to be confirmed)

HORN, FLUSHMOUNTED ONGARO

- 12 VDC electric horns. Flush mounted, with SS bezel

BILGE PUMP, AUTOMATIC, 750GPH

- 750 gph automatic bilge pump with SS thru-hull outlet



PROLUXE LED DECK LIGHTS, 3

- LED courtesy lights
- One pair on aft cockpit face pointing fwd
- Single light on fwd console face pointing aft

PROLUXE INTERIOR LED LIGHTS, 4

- Courtesy lights to illuminate interior spaces
- Bow locker, console interior, engine space, and transom space

PROLUXE COMPASS, RITCHIE F-82

- Ritchie F-82 compass with dimmer, white.

POSITION INDICATOR LIGHT

- SOLAS required position indicator light w/ dedicated battery supply

Machinery

P561 25 GAL FUEL SYSTEM

- 25 us gal (95 liter) rotomolded fuel tank.
- Fuel fill hidden at bow.
- Tank vents through bow roller base
- Fuel vent inversion ant-spill valve, SOLAS requirement
- Hydraulic helm pump (fixed). White wheel with silver spokes.

Propulsion Engine and drive

VOLVO D3-170 HP/CASTOLDI 05 SOLAS WATERJET PACKAGE

- Volvo D3-170 engine
- Castoldi 05 water jet
- Twin lever binnacle control
- Volvo LCD Multifunction display

VOLVO D3-170/CASTOLDI SOLAS INSTALLATION PACKAGE

- Includes fuel filter
- Steering cylinder
- Drive shaft
- Exhaust system
- Emergency tiller

Options Available

OUTDRIVE PROPULSION

Volvo D3 – 140 hp SX Sterndrive with installation. Includes emergency tiller and prop guard (SOLAS requirement)

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GPS, GARMIN GPSMAP 540s

- Bracket mounted on top of console
- Includes thruhull depth transducer and GPS antenna
- Compatible with XM weather in US

GPS, GARMIN GPSMAP 520S

- Bracket mounted on top of console
- Includes thruhull depth transducer and GPS antenna
- Not compatible with XM weather in US



STEREO, AM/FM/MP3 - FUSION

- Includes two 6" speakers and an ipod input

STEREO, AM/FM/CD/MP3 - CLARION CMD5

- Includes two 6" speakers and an ipod input

REMOVABLE HIGH VISABILITY COLLAR AND DECK COVERS

- High visibility international orange cover. Required to meet SOLAS approval (not required for LY-2 approval)
- Includes collar mounted white Velcro attachment patches

BEACHING SHOE

GRP reinforcement of the keel over 75% of the hull.

OVERALL COVER

- Sunbrella overall cover, encloses boat down to waterline
- Outdrive is not covered

CONSOL COVER

Fits over the top of the consol protecting the wheel, instruments and controls

SHRINK WRAP

- Protective shrink wrap used for shipping

SHIPPING CRADLE

- Wooden shipping cradle

VHF RADIO

- Waterproof VHF radio

DEDICATED BATTERY FOR SOLAS VHF RADIO

- Dedicated battery to power VHF Radio
- meets SOLAS requirement

POLISHED S/S METAL UPGRADE

- Replaces all powder coated aluminum metal

TUBE LETTERING

- 4" letters on fabric background

BOARDING ASSIST SYSTEM

- Consists of s/s boarding pole that can be fitted in port or starboard bow or stern recesses.

FREIGHT AND COMMISSIONING

- Delivery to customer's choice of destination, customs clearance, unpacking, checking equipment, running and commissioning engine (s), warranty registration and sea trial