

LEGACY 42

"TARTAN"

Specifications and Features



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Sophisticated Designs • Exceptional Performance • Superior Value

At Legacy by Tartan we have a passion to deliver the best owner experience possible. Our commitment to design and engineering is based on total performance. We don't believe that a simple superficial appeal to aesthetics is enough to serve the interests of our owners. Our designers, builders and sales team understand and appreciate that every yacht we build must be the best yacht we build. The Legacy 42 IPS by Tartan pairs the latest drive systems with a proven hull shape, and advanced marine composites, all packaged in an elegantly traditional motor yacht.

Hull

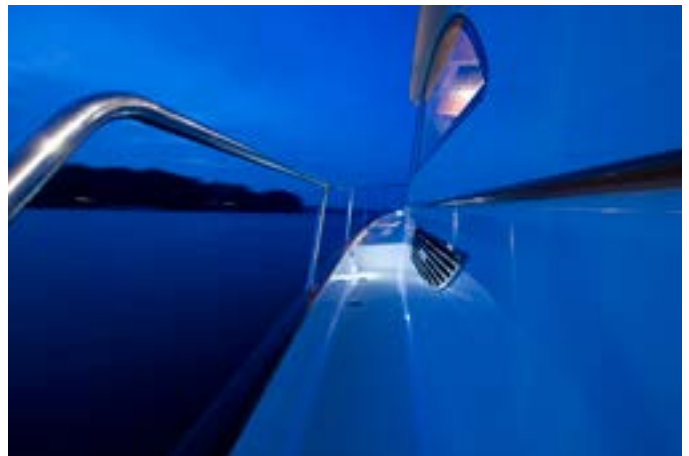
- Legacy white NPG Isophthalic gelcoat
- 2-part polyurethane topside paint, variety of colors
- Contrasting boot top stripe
- Epoxy Modified Vinylester backup resin
- Epoxy Modified Vinylester Resin Infused hull w/ PVC foam core sandwich
- Uni-directional E-glass structural reinforcements oriented for maximum torsional strength and stiffness
- Core windows at all hull penetrations
- Epoxy Modified Vinylester Resin Infused foam core stringer system
- Modified deep vee/wide chine hull design
- Molded in Hull Rub strake with stainless steel striker
- PVC Spray strake, matches hull color
- Transferrable 15-year hull structural and blister warranty

Deck

- Legacy white NPG Isophthalic gelcoat
- Contrasting sand colored non-skid
- Epoxy Modified Vinylester Resin Infused w/ PVC core sandwich structure
- Uni-directional E-glass structural reinforcements oriented for maximum torsional strength and stiffness
- Core windows with additional laminates and infused in place aluminum backing plates for maximum hardware installation strength and convenient servicing

Deck Hardware and Fittings

- Custom stainless steel bow fitting with integral anchor roller
- Electric Windlass
- Custom stainless steel bow breast plate
- Mooring cleats forward, aft and spring line cleats
- Stainless steel Chocks bow and spring line cleats
- Anchor locker w/ground tackle storage
- Running Lights mounted in custom light standards
- Custom stainless steel mooring line hawse pipes
- Custom 1-1/4" 316L stainless steel perimeter rail
- SS handrails on hard top, port and starboard
- Compressed air horn on hardtop
- (6) stainless steel opening Port lights w/ insect screens
- Port & starboard molded steps leading to side & fore deck
- Molded cockpit seating w/ storage
- Transom Door on centerline
- Side access boarding doors, port and starboard
- Swim platform w/ SS under mount swim ladder
- Stainless steel ensign socket on stern and burgee staff on bow rail at centerline
- Hot and cold cockpit shower
- Self draining cockpit
- Epoxy sealed and gloss linear polyurethane varnished Sapelle toe rails and exterior trim
- Epoxy sealed and gloss linear polyurethane varnished Sapelle house side accent eyebrow
- (3) Stainless steel deck hatches with Skyscreen shades/insect screens on coachroof and (2) stainless steel deck hatches on helmdeck top with Skyscreen shades/insect screens
- Custom "Legacy" stainless steel air intake grills
- Radar and Antenna mast on helm deck roof



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Mechanical Systems

- Twin Volvo 450 IPS electronic engines
- Volvo Digital display monitor
- Volvo Joystick control
- (2) Fwd facing pods with counter rotating propellers
- Stainless steel trim tabs with electronic control
- 105 amp 12 VDC alternator on each engine
- (2) Engine sea water strainers
- 420 US Gallon Aluminum fuel tank
- Remote gauge for fuel tank
- Racor Fuel Filters, one for each engine
- Underwater exhaust (thru pod drive)
- Engine room blowers
- Engine room vent ducts
- Hydraulic steering w/ tilt helm
- Extensive sound deadening insulation
- GPS receiver with position hold system
- Remote battery switch at helm
- (2) AGM group 31 dedicated engine start batteries
- Automatic fire suppression system in engine room

Plumbing System

- Hot and Cold pressurized water
- Semi-rigid plumbing thru-out
- Recessed cockpit shower
- 11 gallon hot water heater w/ heat exchanger
- Marelon valves on underwater thru hulls
- Filtered drinking water at galley
- (3) automatic/manual bilge pumps
- High water bilge pump with alarm
- Automatic pump in closed collection box

Head/Sanitary System

- Head w/ separate shower stall
- Seat in shower stall w/ storage outboard
- Built-in vanity w/ sink and storage
- Stainless Steel hatch w/ Ocean Aire Screen
- Stainless steel opening ports (2) w/ insert screen
- Cherry framed mirror
- Solid surface countertop
- Single lever faucet
- Shower drain sump pump system
- Fresh water electric MSD w/ holding tank
- Waste tank monitor
- Macerator for holding tank overboard discharge as permitted
- Holding tank pump out fitting on deck
- Overhead lighting and vanity lighting



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Electrical System

- AC and DC backlit control panels with polarity indicator
- Remote battery switches
- DC breakers for electronics
- Emergency cross over remote switch
- 50 amp 220 VAC shorepower w/ 50 foot reel type cord
- 220 VAC shorepower system ELCI protected
- Galvanic isolator
- GFI protected 110V circuits, head and galley
- Inverter
- Battery Charger
- (2) 8D AGM house batteries
- (1) Group 27 AGM dedicated generator battery
- 9.0 kw generator with sound shield
- Underwater exhaust for generator
- Shorepower/generator transfer switch
- Tinned copper wire used thru-out
- Heat shrink electrical connectors for max reliability
- Bonding system for all major components
- LED berth lights in each cabin
- LED overhead lights
- LED indirect lighting in cabins
- LED overhead lights in bridgedeck/salon
- LED courtesy lighting thru-out
- 120 VAC convenience outlets in each cabin
- Reverse cycle heat/air conditioning (3) zones

Entertainment Systems

- Stereo/DVD with speakers in fwd cabin and salon
- Concealed flat screen television in bridge deck salon
- Flat screen television in forward stateroom



Helm Deck/Salon

- Full height side tinted windows and three part windshield
- Side passage door
- Curved aft plexi-glass enclosure with centerline passage door
- (3) Offshore windshield wipers w/ fresh washer system
- (2) Stainless steel hatches w/ Ocean Air Skyscreens
- Compass, illuminated
- Teak rimmed stainless steel steering wheel
- Adjustable height swivel and sliding helm and mate seats
- Large helm dash for instrument installations
- Engine hatch opens by gas spring linear actuator
- Available in multiple layout configurations
- Ample storage under settees and in lockets
- Large off set drop leaf table
- Salon cabinetry, varnished cherry
- Salon trimmed with varnished cherry
- Elegant overhead airconditioning curved trim with indirect lights
- Helm console and nav table, varnished cherry
- Salon sole, solid planked and varnished Sapelle

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Galley

- Electric cook-top with cover
- SS Drawer style AC/DC fridge compartment
- SS Drawer style AC/DC freezer compartment
- Large SS Gallery sink w/ single level faucet
- Solid surface countertop
- Built-in convection microwave
- Large cabinet outboard
- Extensive storage in solid cherry cabinets
- Built in coffee maker
- Hot and cold pressure water
- Filtered drinking water



Cabin

- Multiple layouts available

Owner's Forward Cabin

- Island double berth with memory foam topped mattress for at home comfort
- Large dove tailed drawers below
- Under berth storage
- Hull Lockers with cherry raised panel door access
- Elegant curved and varnished trims thru-out
- Cedar lined hanging lockers outboard
- Tongue and groove cherry planked hull ceilings
- Soft sound deadening overhead panels, trimmed with cherry
- Solid stock Sapelle planked, varnished cabin sole
- Reading lights, recessed lighting and indirect lighting, all LED
- Private access cherry raised panel door to head
- Cherry raised panel cabin access door
- Stainless steel portlights with screens
- Stainless steel deck hatch with Skyscreen shade and insect screen

Guest Cabin

- Single berth that converts to a double berth for guests
- Storage below berth
- Outboard cherry cabinets with ample storage
- Cherry raised panel cabin access door
- Tongue and groove varnished cherry hull ceilings
- Sound deadening soft overhead panels trimmed with cherry
- Solid stock Sapelle planked and varnished cabin sole
- Berth lights, recessed lights and indirect lighting all LED

Breakfast Bar/Work Station

- Two seat breakfast bar adjacent to galley
- Cushioned bench
- Solid surface or solid wood countertop
- Storage below
- Overhead and indirect LED lighting

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Design Dimensions

LOA (inc. swim platform, anchor roller)	46.0 ft (14.0 m)
Hull Length (molded)	42.0 ft (12.8 m)
Beam (max)	14.1 ft (4.3 m)
Draft (IPS Drive).....	3.2 ft (1.0 m)
Displacement (typ. full load).....	29,000 lbs (13154 kg)

Capacities

Fuel.....	420 US gal (1590 l)
Water	110 US gal (416.4 l)
Waste	60 US gal (227.1 l)
Berths	4-6

Engine Performance Data

Performance data for the Legacy 42 IPS Standard Engines

Speed (top).....	29.5 knots
Speed (cruise)	28.7 knots
RPMS (cruise)	3150
Fuel Burn (cruise).....	19.5 US gal
Range (cruise).....	601 nm

Designer

Mark Ellis

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