

PRELIMINARY GENERAL SPECIFICATIONS SUMMIT 45

DECEMBER 2011

LOA 13.87 M
LWL 12.75 M
BEAM 4.10 M
DRAFT 3.1 M
DISPLACEMENT 6,250 KG
BALLAST 3,844 KG
SAIL AREA UP 125 SM
SAIL AREA DOWN 266 SM

ALL DIMENSIONS APPROXIMATE PENDING FINAL DESIGN

CONSTRUCTION

HULL: VACUUM BAGGED COMPOSITE, EPOXY WET PRE-PREG, POST CURED IN OVEN.
CARBON FIBER LAMINATE OVER VARIABLE DENSITY FOAM CORE. CARBON FIBER
FRAMES AND LONGITUDINALS.

DECK: VACUUM BAGGED EPOXY COMPOSITE, WET PREPREG, POST CURED IN OVEN.
CARBON FIBER OVER VARIABLE DENSITY FOAM CORE.

ENGINEERED TO ISO CATEGORY A STANDARD

KEEL: GP RACING KEEL, IRON FIN W/LEAD BULB DRAFT

MECHANICAL

DIESEL ENGINE: YANMAR 4JH5E SD50 53 HP (APPX) SAIL DRIVE
TWO BLADE FOLDING PROP

FUEL TANK: 160 LITER ALUMINUM (APPX)

FUEL FILTER & WATER SEPARATOR

SINGLE LEVER THROTTLE & CLUTCH CONTROLS

ELECTRICAL

12 VOLT SYSTEM

12 VOLT DC DISTRIBUTION PANEL : 16 BREAKERS

MAIN BATTERY SWITCH

HOUSE BATTERIES: 140 AMP HOUR (APPX) 2 - EACH

ALTERNATOR: 100 AMP ON ENGINE

ENGINE BATTERY SWITCH

ORC APPROVED L.E.D. RUNNING LIGHTS

MASTHEAD LIGHT

ALL INTERIOR LIGHTS L.E.D.

INTERIOR DOME LIGHTS & SPOT LIGHTS AS NECESSARY

110 OR 220 VAC SHOREPOWER SYSTEM - OPTIONAL

DISTRIBUTION PANEL

LINE AMPERAGE AND VOLTAGE METERS

CIRCUIT BREAKERS

POLARITY INDICATOR
AMPERAGE / VOLTAGE INDICATOR
30 AMP SHOREPOWER CORD AND INLET
2 GROUND FAULT INTERRUPTER RECEPTACLES
4 DUPLEX RECEPTACLES

PLUMBING & STOVE

WATER TANKS: 2 EACH – 100 LITER (APPROX)
12 VDC PRESSURE WATER PUMP
COMPOSITE GALLEY SINK
COMPOSITE VANITY SINK IN HEAD
MANUAL BILGE PUMP: 1 TOPSIDE
MANUAL BILGE PUMP: 1 BELOW DECK
ELECTRIC BILGE PUMP
MARINE HEAD W/HOLDING TANK & OVERBOARD DISCHARGE
SEACOCKS ON ALL OPENINGS BELOW DWL
STOVE: 2-BURNER BUTANE
PROPANE WITH OVEN OPTIONAL

DECK HARDWARE

WINCHES:
PRIMARIES: HARKEN B55.3 STR WITH CARBON PEDESTAL
CABIN TOP: HARKEN B50AST TWO SPEED SELF TAIL (2 EACH)
MAINSHEET: HARKEN B50AST TWO SPEED SELF TAIL (2 EACH)
BACKSTAYS: HARKEN B50AST TWO SPEED SELF TAIL (2 EACH)
WINCH HANDLES: HARKEN 10" DOUBLE GRIP LOCK IN (3 EACH)
HARKEN 10' SINGLE GRIP LOCK IN (3 EACH)
PULPITS: CUSTOM BOW & STERN RAILS
TAPERED S/S STANCHIONS, FLUSH MOLDED BASES & INBOARD BRACES
LIFELINES: UPPER & LOWER DYNEEMA DUX
SPINLOCK ROPE CLUTCHES FOR HALYARDS
CUNNINGHAM LEAD AFT TO CABINTOP
OUTHHAUL 16:1 LEAD AFT
MAINSHEET ALONG THE BOOM STYLE, LEAD UNDER DECK
MAINSHEET TRAVELLER 6:1 LEAD FWD
VANG LEAD AFT P&S TO MAIN TRIMMER

STEERING

CARBON TILLER WITH HIKING STICK
CARBON RUDDER & STOCK
UPPER & LOWER RUDDER BEARINGS
WHEEL STEERING OPTIONAL
TWIN CARBON WHEELS
EMERGENCY TILLER

SPARS & RIGGING FROM SOUTHERN SPARS

COMPOSITE CARBON 2-SPREADER FRACTIONAL RIG:
REGATTA SPLICE FOR SHIPPING
CARBON SPREADERS
CARBON BOOM WITH PROVISIONS FOR 2 REEFS
ROD RIGGING

CARBO FOIL

BUILT IN MAST JACK CYLINDER WITH REMOTE PUMP
TWIN TOPMAST BACKSTAY – KEVLAR TO WINCHES
GAS VANG LEAD AFT TO MAIN TRIMMER
CARBON SPRIT – REMOVABLE FOR SHIPPING
ALL APPROPRIATE BLOCKS AND HARDWARE FOR ABOVE:
HARKEN BLACK MAGIC BLOCKS WHERE APPLICABLE

RUNNING RIGGING

MAIN HALYARD (1) 2:1 VECTRAN W/SCREW SHACKLE
JIB HALYARD (2) ARACOM T W/SOFT SHACKLE
SPINN HALYARD (2) SPECTRA (MASTHEAD)
TACK LINE (1) DACRON W/ TYLASKA T-5
MAINSHEET (1) SPECTRA
OUTHHAUL (1) KEVLAR 16:1 LEAD AFT
CUNNINGHAM (1) SPECTRA 6:1 LEAD AFT
TRAVELLER CONTROL SPECTRA DACRON
JIB SHEET (2) SPECTRA
JIB CAR ADJUST (2) SPECTRA 10:1
SPINN SHEET (2) SPECTRA W/ TYLASKA T-8
**NOTE: THE RIGGING PACKAGE MAY BE DELETED FROM THE BASE BOAT
CLIENT MAY PROVIDE MAST, BOOM, & RIGGING**

MISCELLANEOUS

EXTERIOR FINISH IS AWL GRIP
DECK: COLOR AWL-GRIP/GRIPTEX
SINGLE BOOTSTRIPE IS STANDARD
BOTTOM FINISHED IN SPRAYED EPOXY PRIMER
FOILS ARE EPOXY COATED AND FAIRED TO TEMPLATE
INTERIOR IS FINISHED IN SATIN WHITE LPG PAINT AND CLEAR CARBON
CABIN SOLE IS FOAM CORED COMPOSITE
6 EACH PIPE BERTHS WITH 50MM CUSHION
2 EACH SETTEES WITH 75 MM CUSHION

OPTIONS

VARIOUS HULL COLORS / GRAPHICS TO OWNER'S REQUEST
ANTIFOULING BOTTOM PAINT OR EPOXY SANDED TO 600 GRIT
ALTERNATE WINCH PACKAGES POA
SHIPPING CRADLE
HI/LO ADJUSTABLE CRADLE FOR SHIPPING & STORAGE
ELECTRONICS SUPPLIED & INSTALLED BY OWNER

*NOTE: THESE SPECIFICATIONS AND DIMENSIONS ARE PRELIMINARY. SUMMIT YACHTS
RESERVES THE RIGHT TO MAKE CHANGES, ADDITIONS, DELETIONS, OR SUBSTITUTIONS TO
THESE SPECIFICATIONS PRIOR TO CONTRACT WITH NO OBLIGATION. CLIENTS ARE ADVISED
TO CAREFULLY REVIEW THE FINAL DIMENSIONS AND SPECIFICATIONS AT THE TIME THE
PURCHASE CONTRACT IS SIGNED.*