

Godspeed Specifications



Dimensions

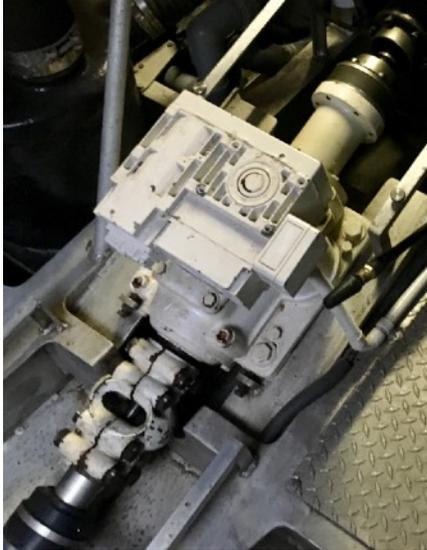
Length Overall: 84 feet
Length on Deck: 80 feet
Length Waterline: 79 feet
Beam: 17 feet, 6 inches
Draft: 6 feet, 6 inches
Displacement: 80,000 lbs dry weight
Ballast: 19,000 lbs.
Water Ballast: 4500 lbs. each side
Battery in Keel Ballast: 1,500 lbs
Construction: Aluminum
Hull Thickness: 6 millimeters

Propulsion

Engine Manufacturer: Yanmar
Engine Type: Turbo Diesel
Horsepower: 190 @ 3,100 rpm, 230 @ 3,300 rpm
Transmission: Hurth 2.5:1
Propeller Shaft Diameter: 2.5 inches
Propeller: 28 inch, 3 blade Hundested Variable Pitch
Starting Battery: 2 x 12 volt Odyssey Extreme Batteries
Starting Battery Capacity: 2 x 105 amp hours
Starting Battery Alternator: 80 amps
House Battery Alternators: 2 x 200 amp
Monitoring: Yanmar Analogue and Murphy Electronic
Engine Alarm System: Murphy
Remote Start in Engine Room.
2,000 Mile Motoring Range



Variable Pitch Propeller - Hundestadt



Bow Thruster

14 KW Max Power Electric/Hydraulic, Deployable Bow Thruster – New 2012

Generator

Manufacturer: Kohler 11EKOZD
Power: 11 KW
Current: 46 amps
Voltage: 120 / 240.
Starting Battery Capacity: 2 x 105 amp hours
Kohler 12. VDC Alternator Current: 25 amps

Fuel Tanks

Fuel Type: Diesel
Total Capacity: 1120 Gallons
Starboard Tank: 550 Gallons
Port Tank: 550 Gallons
Day Tank: 20 gallons

Water Tanks

of Water Tanks: 2
Total Capacity: 400 Gallons

Hot Water Heater

Capacity: 20 Gallons
Heating Element: 240 VAC
Protection: Ground Fault Protection at 5 milliamps
Heat Exchanger: Engine Cooling Water

Watermakers

Manufacturer: Open Ocean
24 VDC Watermaker Flow Rate: 8 GPH
240 VDC Watermaker Flow Rate: 50 GPH

Sanitation

Forward Head: Overboard Discharge Electric Rariton
Starboard Cabin Head: Electric Vacu-flush - Discharge into Holding Tank Only
Starboard Cabin Head. Electric Macerator - Discharge into Holding Tank Only
Holding Tank Total Capacity: 30 Gallons

Main AC Electrical System

Voltage 120 / 240

Shorepower: 120 / 240 x 50 amp Shorepower Cord

Isolation Transformer: ASEA AC-12 Electronic Isolation Transformer with Voltage Regulation

Isolation Transformer Input Voltage Range: 190 volts to 300 VAC

Isolation Transformer Voltage Output: 120 / 240 Split Phase

Isolation Transformer Description: Rectified to DC bus, with Pure Sine Wave Inverter Output

Inverter Chargers: 2 x 24 volt Magnum 4 KW

Inverter Chargers with Split Phase Output

Inverter Charger Charging Capacity: 200 amps @ 24 VDC, 4.8 KW

Standby Inverter: 600 watt Prowatt

Generator: 11 KW Kohler



120 Volt Shorepower Connection

Voltage: 120 volts

Current: 30 amps

Dedicated to 50 amp, 24 volt Isolated Mastervolt Programmable Shorepower Charger



24 VDC Electrical System

Total Battery Capacity: 38.4 KWH

Keel Battery Capacity: 28.8 KWH

Port Cabin Auxiliary Battery Capacity: 9.6 KWH

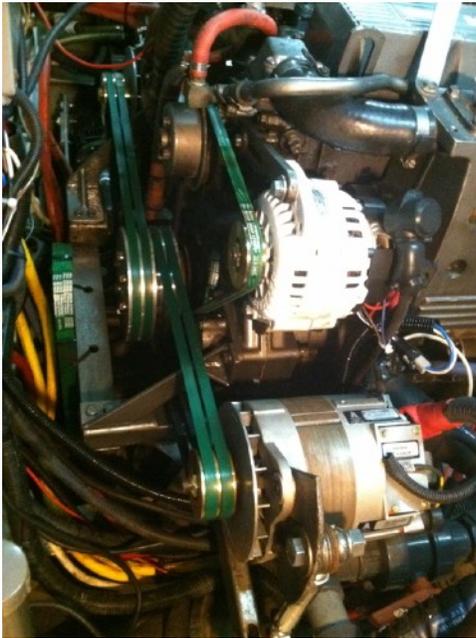
Main Battery Switch: 1200 amps

Battery Bank Switching: Break before Make, and Make Before Break

24 Volt Alternators: 2 x 5 KW Alternators with Balmar Regulators

Total 24 Volt Alternators Output: 10 KW

350 Watt Superwind Wind Generator



Engine Alternators

80 amp x 12 volt Start Battery Alternator

2 x 200 amp x 24 volt House Battery Alternators

Horizontally opposed Alternators for minimum side load on crankshaft.



Main 12 and 24 volt Panel in Cabin

12 VDC Electrical System- DC to DC Converter or Vanner Battery Equalizer



Navigation Gear

International Navigation Lights
Paper & Electronics Charts
W-H Autopilot
Furuno NavPilot Autopilot
Rudder Angle Indicator
Furuno NavNet Multifunction Unit
Furuno 64-Mile Rated Radar Unit
Furuno Navtex NX-500 Unit
Furuno NavNet Unit
Furuno DFAX – Weather Fax Unit
Laptop Computer with Navigation Software
Brooks & Gatehouse Displays (9)
Depth
Speed
Wind Speed True
Wind Direction True
Wind Speed Apparent
Wind Direction Apparent
Internet / WiFi Router & Antenna System
Internet Connection over Mobile
Online Monitor : Voltage of Battery
Online Monitor: Video
ICOM IC-M710 SSB Radio with HF Antenna

ICOM IC-M127 VHF Radio
ICOM IC-M412 VHF Radio
ICOM IC-M24 Hand-Held VHF Radios (2)
AIS Unit – FA-50 Class B
Hand-Held Spotlights
Ritchie Compass
Giro Compass
Binoculars
Clock & Barometer



Rigging

Type of Rig: Ketch
Main Mast Construction: High Modulus Carbon Fiber
Mizzen Mast Construction: Carbon Fiber
Spinnaker Poles: 2 x Carbon Fiber
Standing Rigging: Solid Stainless Steel



Keel: Faired for Faster Performance

Sails: (All New in 2012)

- 1 x Mainsail
- 1 x Mizzen
- 1 x Inner Forestay
- 1 x Genoa
- 1 x Code 1
- 1 x Storm Jib
- 1 x Main Mast Spinnaker
- 1 x Mizzen Mast Spinnaker

Total: 4,000 Square feet of sail area



Self Tailing Winches

- 2 x Lewmar 66 Self Primary Electric for MainSheet
- 2 x Lewmar 64
- 3 x Lewmar 58
- 4 x Lewmar 54
- 2 x Lewmar 48
- 5 x Lewmar 44
- (3) Self Tailing Winches are Electric

Anchors, Ground Tackle and Gear

- Maxwell WC3500 24 Volt Electric Windlass
- (1) Bruce 240-lb. Anchor
- (1) Fortress FX-125 Anchor
- (1) Fortress FX-85 Anchor
- 400' G70 Chain – New 2015 - 20,000 lb breaking strength
- 150' Additional Chain
- 300' Additional Rode



Appliances

Fridge and Freezer
Diesel Heater
Dishwasher
Stereo and Speakers
Central Vacuum
Scuba Compressor
Central Air Conditioning
LPG Stove and Oven
Ariston Washer and Dryer



Deck and Topsides

Paint: Awlgrip
Deck: Glued 1/2 thick Teak
Deck Finish: Starbright Teak Oil



Tender

Center Console Rigid Inflatable
Construction: Aluminum
Propulsion: Yamaha 25 Horsepower
Crane on Mizzen Mast for Launching
Stowed on Aft Deck

