

# Polar Bear: Technical Information



## Dimensions

Length overall	22 metres (72 feet)
Length waterline	18.8 metres (61 feet)
Beam	5.5 metres (18 feet)
Height of mast (above waterline)	29 metres (95 feet)
Draught (below water surface)	3.1 metres (10 feet)
Displacement (full load)	43 tonnes
Ballast keel weight	12 tonnes

## Fuel and water

Water (in 4 tanks)	1775 litres (390 gallons)
Weight of water	1.8 tonnes
Fuel (in 4 tanks)	3310 litres (736 gallons)
Weight of fuel	2.7 tonnes

## Construction

Hull	50A mild carbon steel
Keel	Steel fin and lead bulb
Deck and coamings	316 stainless steel
Builders	Devonport Yachts, Devonport Royal Dockyard, 2000

## Engine / Generator

Main Engine	Perkins Sabre 130hp (8kts cruising)
Generator	Northern Lights (domestic charge)

## Telecommunications

MF / HF Radio	Icom 200 watt SSB
VHF Radio	25 watt
GMDSS	(Distress push button)
Hand held VHF	Icom x 3
Satellite Communications	Inmarsat Standard C, Iridium

## Domestics

Berths	18 'pipe-cots' in 6 cabins
Heads	2 heads (fwd) each with hot showers
Galley	2 sinks, hot and cold water Gas oven, grill, 5 burner stove

## Full inventory of kitchen utensils

Electrics	Domestic inverter 220 volt with 3 pin sockets
Saloon	Large dining table, seating for 16 people

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