

CLASS 145 LIFTBOAT M/V GRAND



Dimensions

Length Overall	91'
Length (Barge only)	76'
Overall Beam (Overall)	54'
Design Draft	6'
Depth (Barge only)	7.7'
Open Deck Space	2500 sq ft

Hull Characteristics

Gross Tonnage	189
Net Tonnage	128
Max Deck Cargo (kips)	140k

Legs

Number	3
Length	145'
Diameter	42"
Wall Thickness	5/8" (Braced)

Pads

Length	24'
Width	12'
Depth	24"
Configuration	Raked

Cranes- Hydraulic

Capacity	Main- 70 tons Aux- 10 tons
Boom Length	Main- 87' Aux- 50'
Crane Engine	4V-71 GM

Speed & Propulsion

Main Engines	(2) 12V-71N GM
Power	Approx 680SHP
Reduction Gear (twin disc ratio)	3:5:1
Estimated Speed	9 knots

Accessories

(2) Deep Well Pumps; (1) Moon Pool; Satellite Phone w/ Internet

Generators

Engines	(2) 4V-71N GM
Generators	(2) 75KW Delco

Fuel & Water

Fuel	4,600 gallons
Potable Water	9,600 gallons

Navigation Equipment

Radios	SSB & Multichannel VHF
Fathometer	VHF
Radar	Furuno
Compass	GPS

Living Quarters

Berths	29 including boat crew
A/C & Heaters	Central
Lounge	Satellite Color TV & Sofas
Heads	4
Galley	11 seats, Refrigerator, Freezer, Ice Maker, Range
Laundry	Washer & Dryer

Jacking

Max Working Depth	90' (w/25' air gap)
Max Sea Conditions	4' Hard; 5' Soft Bottom
Speed	8-10 FPM