



LAREDO

M/V Brazos - Class 230 Liftboat - Vessel Specifications

Main Characteristics

Overall Length	145 ft
Overall Beam	100 ft
Design Draft	9.5 ft (based upon deck load)
Depth	13 ft
Open Deck Space	6,480 sq ft
Fuel Capacity	45,024 gal
Potable Water	41,233 gal
Gross Tonnage	Under 200 GRT
Max Deck Cargo	800,000 lbs

Registration

Flag	United States
Load Line	Lloyds

Jacking

Max Working Depth	175 ft
Max Height of Deck	205 ft (above mud line)
Max Sea Conditions	4 ft (hard bottom) / 5 ft (soft bottom)

Legs

Number	3
Length	230 ft
Diameter	7 ft 6 in
Wall Thickness	1.125 in to 1.375 in (varies by location)

Pads

Length	40 ft
Width	23 ft
Depth	4 ft

Cranes (API 2C Certified)

Main	Capacity - 200 tons Boom Length - 120 ft Engine - CAT C27 ACERT Tier 2 (Air Tuggers – 2)
Auxiliary	Capacity - 80 tons - (telescopic) Boom Length - 100 ft /58 ft Engine - CAT C12 ACERT Tier 2
2 nd Auxiliary	Capacity - 20 tons Boom Length - 60 ft Engine - CAT C12 ACERT Tier 2

Propulsion

Main Engines	(2) CAT C32 ACERT Tier 2
Shaft Horsepower	2600 hp (kort nozzle)
Bow Thrusters	250 hp (tunnel)
Estimated Speed	6 - 7 knots



Accessories

Welding Machines	(4) 400 AMP
Air Compressor	(1) 350 CFM
Air Compressors	(2)
Deep Well Pumps	(2)
Parker PW 3000 Watermaker	
Jetting System (All Legs)	
Submersible Preload Pumps	

Generators

Engines	(2) CAT C6.6 ACERT Tier 3
Generators	(2) 158 EKW

Navigation/Communication Equipment

Navigation	Electronic Bridge Navigation System
Communications	Satellite (phone, fax, internet, email)
Radios	Multichannel VHF Marine Radio; SSB
Positioning	GPS System; AIS
Radar	Furuno System
Depth	Fathometer
Weather	Weather Receiver; Anemometer

Accommodations

Berths	Total 49 (12 crew / 37 PAC's)
Climate	(5) Central A/C and Heating Units
Lounge	Large Flat Screen - Satellite TV; Stereo; Internet; Phone
Lavatory Facilities	(6)
Galley	(24) Seats; Provision Room, Stores and Mess
Laundry	(3) Washers and Dryers (each)

Special Features

VIP Stateroom	(2) 1 - Large Bed; 1 - Foldaway Bed; Flat Screen - Satellite TV; Private Lavatory
VIP Office (In Stateroom)	(2) Desk; VHF Radio; Satellite Phone; Internet
Training /Lounge Room	(16) Seats; Large Flat Screen - Satellite TV

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