

ELDORADO DRILLING · TECHNICAL SPECIFICATIONS

Soehannah

BAKER MARINE PACIFIC CLASS 375 JACK-UP

A Baker Marine BMC 375 jack-up built by PPL Shipyard and in service since 2007 — rated for 375 ft of water depth and 25,000 ft drilling depth, with a 75 ft × 30 ft cantilever.

TECHNICAL SPECIFICATIONS

REV. OCTOBER 2026



375_{FT}

MAX WATER DEPTH

25,000_{FT}

MAX DRILLING DEPTH

1,400,000_{LBS}

STATIC HOOKLOAD

75 × 30_{FT}

CANTILEVER

3,356_{MT}

DECK LOAD (DRILLING)

120_{POB}

ACCOMMODATION

Rig & Capacities

01

01 GENERAL INFORMATION

RIG DESIGN	BMC 375
YEAR ENTERED SERVICE	2007
BUILDER	PPL Shipyard Pte Ltd
CLASS	ABS
FLAG	Panama

02 GENERAL SPECIFICATION

HULL LENGTH	236.5 ft
HULL BREADTH	224.4 ft
HULL DEPTH	28 ft
LEGS	3 / Triangular
ACCOMMODATION	120 POB
HELIDECK	CAP437, 75 ft Octagon, Sikorsky S-61N, suitable for Sikorsky S-92

03 POWER GENERATION

MAIN ENGINES	5 × CAT 3516B diesel engines, 1383 kW, 1200 rpm
MAIN GENERATORS	5 × Kato AC alternator, 2150 kVA, 1720 kW, 1200 rpm, 690V, 60 Hz, 3 Ph
EMERGENCY GENERATORS	1 × Leroy Somer AC alternator, 900 kVA (720 kW), 1800 rpm, 480V, 60 Hz, 3 Ph

04 OPERATIONAL CAPABILITIES

MAX WATER DEPTH	375 ft designed / 375 ft outfitted
MIN WATER DEPTH	30 ft 25 ft under site specific conditions
TRANSIT DRAFT	19.5 ft
LEG LENGTH BELOW HULL	434 ft max.
MAX DRILLING DEPTH	25,000 ft
CANTILEVER	75 ft × 30 ft
MAX CANTILEVER LOAD	883 MT
VARIABLE DECK LOAD	2,268 MT (Transit), 3,356 MT (Drilling)
MAXIMUM SETBACK	294 MT

05 STORAGE CAPACITIES

DIESEL	3,720 bbls
DRILL WATER	17,004.4 bbls
POTABLE WATER	3,652 bbls
BULK MATERIAL	11,652 ft ³ mud + cement
BASE OIL	1,397 bbls
BRINE	1,437 bbls
LIQUID MUD	3,703 bbls
SACK STORE	5,000 sacks

Handling & Well Control

02

06 HANDLING SYSTEMS

DECK CRANES

- 1 × **Baker Marine 2250 (Port)** w/ 120 ft boom, main hoist ratings – 68 MT @ 25 ft radius and 14.28 MT @ 127.5 ft radius (static), 45.35 MT @ 25 ft radius and 9.52 MT @ 127.5 ft radius (dynamic)
- 1 × **Baker Marine 1600 (Stbd)** w/ 120 ft boom, main hoist ratings – 39.04 MT @ 25 ft radius and 5.89 MT @ 126.54 ft radius (static), 26.02 MT @ 25 ft radius and 3.93 MT @ 126.54 ft radius (dynamic)
- 1 × **Baker Marine 900 (Port Aft)** w/ 100 ft boom, main hoist ratings – 22.67 MT @ 20 ft radius and 6.84 MT @ 102.57 ft radius (static), 15.07 MT @ 20 ft radius and 4.55 MT @ 102.57 ft radius (dynamic)

BOP HANDLING

- 2 × pneumatically operated BOP, SWL 45 MT each
- 2 × OHS BOP / Xmas Tree skidding trolleys each rated at 100 MT

XMAS TREE HANDLING

- 2 × Xmas Tree trolley beams each rated at 15 MT c/w hoist

CONDUCTOR TENSIONER

- 1 × Patriot 200 mt capacity CTU with 305 mm stroke

07 MUD SYSTEM

WORKING PRESSURE

7,500 psi

MUD PUMPS

3 × AKMH Wirth TPK 7½" × 14" 2200 CL, 2200 hp, 7,500 psi, c/w 2 × GE AC motors

SHAKERS

5 × NOV Brandt VSM 300 BEM dual deck shakers 1 configured as desander / desilter

08 WELL CONTROL EQUIPMENT

BLOWOUT RAM PREVENTERS

2 × Cameron, Type U, 13⅝" – 10M psi double ram preventer

BOP ANNULAR PREVENTER

1 × Cameron DL type, 13⅝" – 5M psi annular

DIVERTER

1 × Vetco Gray 49½" KFDJ-500 STD 500 psi (27½" ID) diverter with 16" flow line and 2 × 12" overboard lines

09 OFFLINE CAPABILITIES

OFFLINE TUBULAR

1 × Crane Safe OAC offline activities crane, 5,000 lbs SWL

Drilling & Jacking

03

10 DRILLING PACKAGE

DERRICK	AKMH offset derrick, 35 × 35 ft @ base; 19 ft @ top × 160 ft clear
HOOKLOAD CAPACITY	1.4 million lbs static hookload capacity
RACKING CAPACITY	– 336 stands of 5⅞" drill pipe range II triples × 93 ft (31,248 ft) – 12 stands of 9½" drill collar range II triples × 93 ft (1,116 ft)
DRAWWORKS	Maritime Hydraulics Wirth GH 3000 EG-SC-SV (3,000 hp)
ROTARY TABLE	Maritime Hydraulics RTSS – 49½" H hydraulically operated, 800 tons static load rated, maximum continuous torque of 29,502 ft-lbs @ 20 rpm
IRON ROUGHNECK	1 × AKMH model MH 1898 Mk-I hydraulic roughneck for tubular range 3½" to 9¾" – Make-up torque: 100,000 ft-lbs – Break-out torque: 125,000 ft-lbs
TOPDRIVE	Maritime Hydraulics DDM-650 AC-1M-1S-1150, lifting capacity 650 tons , drilling capacity 650 tons, 63,000 ft-lbs max continuous torque @ 93 rpm, 89,000 ft-lbs intermittent torque, 0–268 max rpm, 1 × 1150 hp AC motor

11 SPECIAL FEATURES & OTHER INFORMATION

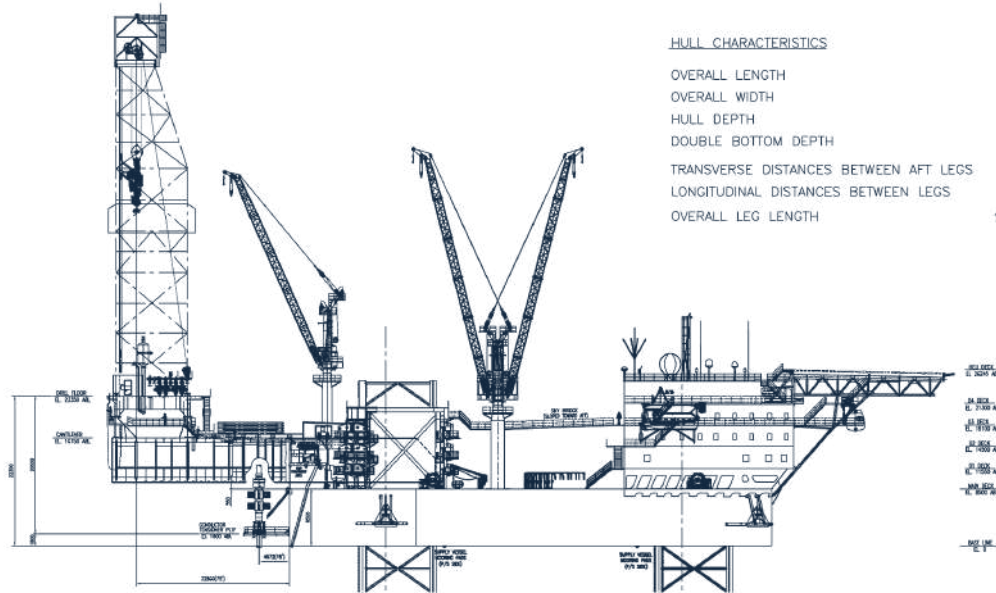
JACKING SYSTEM	Baker Marine model BMPL J800 , c/w 54 active drive pinions powered by N° 36 46 kW AC drive motors (18 per jackcase, 6 per chord), normal jacking capacity 19,738 MT
MOORING SYSTEM	4 × 40 kW / 60 kW (Forward / Reverse) Mentrade anchor winches, 6 MT delta flippers
WORK OFFLINE	Ability to make-up drill pipe stands offline

General Arrangement

04

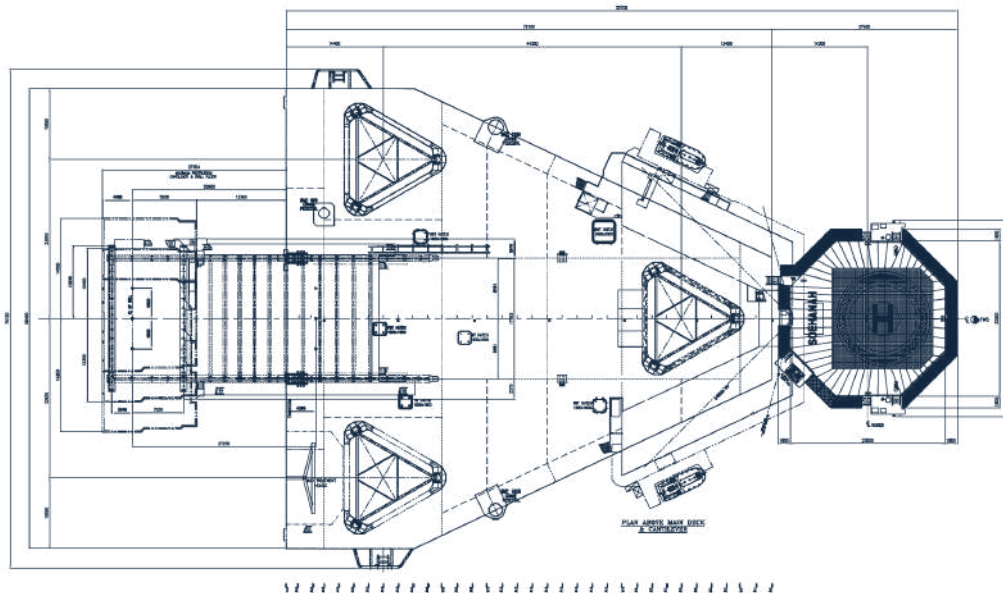
PROFILE

SIDE ELEVATION · HULL CHARACTERISTICS



MAIN DECK & CANTILEVER

PLAN VIEW



GET IN TOUCH

For more information on Soehanah

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These specifications are intended for general reference purpose only and shall not be contractually binding. Contractor reserves the right to change these specifications at any time without prior notice. All equipment shall be operated and maintained in line with Eldorado Drilling's guidelines and within the limits of OEM specifications.