

## General Information

**Design:** Bethlehem JU-200-MC  
**Builder:** Bethlehem, PTE LTD, Singapore  
**Year Built:** 1981  
**Class:** ABS ✕ A1 Self-Elevating Drilling Unit

### Principal Dimensions

**Hull Length:** 157 ft  
**Hull Breadth:** 132 ft  
**Depth:** 18 ft  
**Legs:** 3 x 269 x 11 ft  
**Leg Spacing:** 127 ft – Longitudinal  
110 ft – Transverse  
**Cantilever Envelope:** Aft reach 45 ft x port/stbd 10 ft

### Operating Parameters

**Design Water Depth:** 200 ft; 23 ft min.  
**Max Water Depth:** 164 ft (Hurricane)  
181 ft (Non-Hurricane)  
**Drilling Depth Rating:** 20,000 ft  
**Design Criteria:** IMO, SOLAS, & MARPOL

### Maximum Allowable Loads

**Variable Deck Load:** 4,250 kips (Includes drilling loads)  
**Static Hook Load:** 1,250,000 lbs.  
**Setback:** 500,000 lbs.  
**Rotary:** 1,000,000 lbs.  
**Max Cantilever Load:** 1,250,000 lbs.

## Vessel

### Storage Capacities

**Fuel:** 2,200 bbls  
**Drill Water:** 5,900 bbls  
**Potable Water:** 1,000 bbls  
**Liquid Mud:** 1,500 bbls  
**Bulk Mud / Cement:** 3,000 ft<sup>3</sup> / 4,340 ft<sup>3</sup>  
**Sack Material:** 3,000 sacks

### Power System

**Main Power:** 2x EMD 16-645-E1  
2x Detroit 12V-149TI  
1x Caterpillar D-399

**Power System:** DC / DC System

**Emergency Power:** 1x Detroit 8v71

### Hoisting Equipment

**Cranes:** 2x FMC Link Belt, ABS 218A with (1) 100' boom length and (1) 90' boom length . Maximum capacity 25.9 tons at 25'-40'.



## Drilling Package

### Drilling Equipment

**Derrick:** Continental Emsco 20R 147' x 30' x 30' with a static hook load capacity of 1,250,000 lbs.  
**Drawworks:** Continental Emsco C-2 2,000 HP  
**Rotary Table:** Continental Emsco T-4950 49.5'  
**Top Drive:** National Oilwell PS-500/500 Electric  
**Crown Block:** Emsco RA-52-7: 500 ton  
**Traveling Block:** National Oilwell 650: 650 ton  
**Mud Pumps:** 2x Continental Emsco FB-1600 triplex  
**Shale Shakers:** 3x Brandt King Cobra Hybrid Venom 400  
1x Brandt King Cobra 16/2 Mud Conditioner  
1x Brandt DG-10 Degasser

### Well Control System

**BOP:** 13-5/8" Shaffer annular preventer, 5,000 lb. WP, H<sub>2</sub>S trim.  
13-5/8" Cameron Type "U", 10,000 psi WP double ram preventer, H<sub>2</sub>S trim.  
13-5/8" Cameron Type "U", 10,000 psi WP single ram preventer, H<sub>2</sub>S trim.

**BOP Handling:** 2x JD Neuhaus EH-30 BOP handling overhead cranes with a rated capacity of 30 tons each, combined capacity of 60 tons.

### Additional Data

**Accommodations:** 50 berths  
**Helideck:** Rated for: Sikorsky S-61