

# Prospector 5

## Additional information please contact:

Borr Drilling Limited  
 E. Pearman Building, 2<sup>nd</sup> Floor  
 9 Par-la-Ville Road,  
 Hamilton HM11, Bermuda

marketing@borrdrilling.com - www.borrdrilling.com

## High Specification Jackup

### General Description

**Design / Generation** ..... Friede & Goldman JU2000E  
**Constructing Shipyard** .....Shanghai Waigaoqiao Shipbuilding Ltd.,Shanghai, China  
**Year Entered Service / Significant Upgrades**..... 2014  
**Classification** .....ABS,A1, Self-Elevating Drilling Unit  
**Flag** ..... Vanuatu  
**Overall Dimensions**..... 231ft. Long x 250ft. Wide x 31 ft deep  
**Legs**..... (3) 547 ft. long, Triangular  
**Drafts** .....21.9 ft load line  
**Accommodation**.....140 persons  
**Displacement**.....50,693 kips  
**Variable Deck**.....9,920 kips operating / 6614 kips transit (spud cans full)  
**Transit Speed** ..... up to 5 knots, @ 150st bollard pull  
**Operating Water Depth**..... 400 ft. designed / 400 ft.outfitted  
**Maximum Drilling Depth**.....35,000ft

### Drilling Equipment

**Derrick** TTS/ DD-1000-III Hot dipped galvanized; 210 ft high with 40 ft x 40 ft base  
**Hookload Capacity** 2,200,000 lbs gross nominal capacity  
**Cantilever/ Drill floor** 75 ft aft of transom / 15 ft Port & 15 ft Stbd  
**Drawworks** Cameron TTS Ultra hoist SG 1060-6000 Max hook load 2,120 kips with 16 lines. 4 x GE AC motors suitable for 2" drill line  
**Rotary Table** Cameron TTS 49 1/2" table opening, hydraulic drive, rated 907 st  
**Top Drive** Cameron TTS Model STD-1000-AC-2M. 1100 st load rating, 2300 hp AC motor. Max speed 275 RPM, max torque 98,00 ft/lbs. Max MU/ BO 115,000 ft/lbs. (2) IBOP 3 1/4" - 15k Psi  
**Tubular Handling** (2) Cameron TTS/JiM 10T-P-L, 3-1/2" to 9-1/2" OD drill pipe & drill collar Make-up torque 103,300ft-lb Break-out torque 147,500ft-lb (Fully mechanised). Spinning speed 80 RPM (5" OD), spinning torque 3500 ft/lbs  
**Mud Pumps** (3) Wirth TPK 2200 triplex pumps, each driven by 2,200 hp (GE AC motor) 7,500 psi rated  
**Solids Control** (4) MI Swaco MD-3 Dual motion shale shakers (1) MI Swaco/Gumbo-X Chain conveyor

### Power & Machinery

**Main Power** (6) Caterpillar 3516C-DI TA SC diesel engines rated at 1,525hp at 1200rpm each with Caterpillar generator rated to 1,530kW  
**Emergency Power** (1) Cummins KTA38-DM diesel engine rated at 1,200hp at 1,800rpm with Cummings ZFC6 502-44E generator rated to 900kW

### Storage Capacities

**Fuel Oil**.....4,150 bbls  
**Liquid Mud**.....5,684 bbls  
**Base Oil** ..... 1,340 bbls  
**Brine** ..... 1,340 bbls  
**Drill Water** .....9,963 bbls  
**Potable Water** .....3,428 bbls  
**Bulk Material**.....(mud + cement) 18,360 cu-ft  
**Sack Storage** ..... 5,000 sacks

### BOP & Well Control Equipment

**BOP Rams** (2) Hydril Sentry Double rams 13-5/8" 10k psi BOP  
**BOP Annular** (1) Hydril GK 13-5/8" 5k psi annular preventer  
**BOP Handling** (2) Cameron TTS BOP main hoists, rated 75st each  
**Diverter** Vetco KFDJ 500, 49-1/2" diverter rated to 500psi with (1) 16" flow line, (2) 14" overboard lines

### Mooring Equipment

**Mooring Winches** (4) MEP-Pellegrini AT 40000/E electric winches rated at 80,000 lbspull  
**Anchor Lines** 2900 ft x 2" galvanized wire rope  
**Anchors** (4) Flipper Delta anchor, 16,500 lbs each

### Cranes

**Cranes** (3) Seatrax S7232 series, 81.5mt capacity,120ft boom

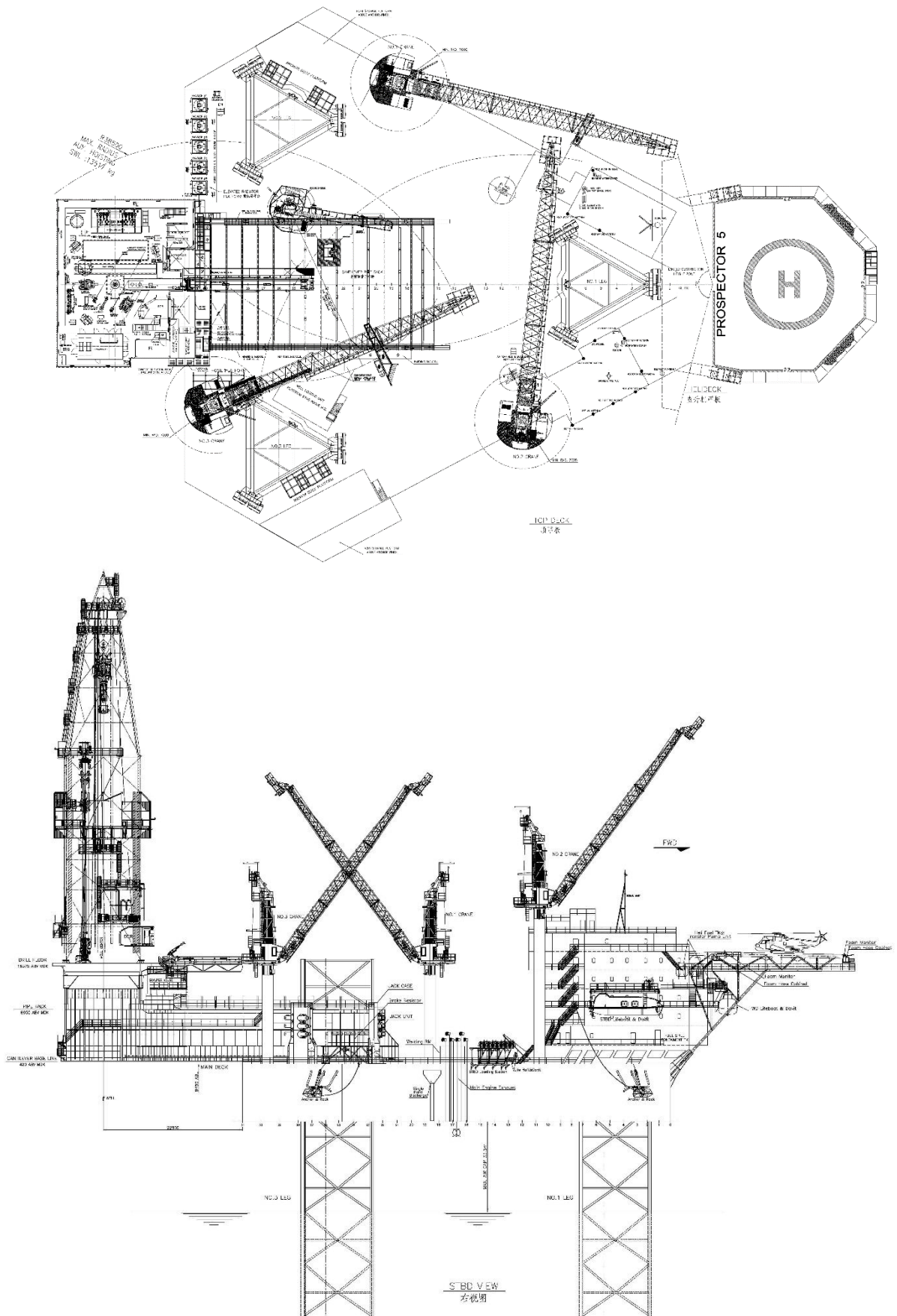
### Special Features & Other Information

**CTU** TSC 600 kips Load (primary) and 300 kips Load (Secondary)  
**MPD & HPHT** Equipped for MPD and HPHT operations  
**Helideck** Rated for Sikorsky S-61 and S-92 helicopters. CAP 437  
**Offline Systems:**  
**Iron Roughneck** (2) Cameron TTS/JiM10-P-L Iron Roughneck.3-1/2" to 9-1/2" OD  
**Pipe Rack KBC** (1) Cameron TTS Pipe Rack Knuckle Boom Crane of 5.5 st  
**Pipe Handling** (1) Cameron TTS SmartRacker III-P-AC 10 st OAC (Offline Activity Crane) capable of offline pipe handling



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Borr Drilling standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

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