

# Joro

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## High Specification Jackup

### General Description

**Design / Generation** .....Gusto MSC CJ50 X 100 MC  
**Constructing Shipyard**..... Keppel FELS Shipyard. Singapore  
**Year Entered Service / Significant Upgrades** ..... 2009  
**Classification** ..... ABS,A1, Self-Elevating Drilling Unit  
**Flag** .....Marshall Islands  
**Overall Dimensions** .....230 ft.long x 223 ft.wide x 31 ft deep  
**Legs** ..... (3) 480ft. long, Triangular  
**Drafts** ..... 18ft transit  
**Accommodation** ..... 110 persons  
**Displacement** ..... 49,360 kips  
**Variable Deck** ..... 10,450kips operating / 5,842 kips transit (spud cans full)

**Operating Water Depth** ..... 350 ft. designed / 350 ft. outfitted

**Maximum Drilling Depth** ..... 30,000ft

### Drilling Equipment

**Derrick** MH / Bolted Derrick 210 ft. high, with 46 ft. x 46 ft. base  
**Hookload Capacity** 1,500,000lbs gross nominal capacity  
**Cantilever/ Drill floor** 70 / 45ft (x-y skidding system)  
**Drawworks** Wirth GH 4,500 EG-AC-LV. 3 x GEB 2,2A3 AC motors suitable for 1-3/4" drill line  
**Rotary Table** Wirth RST / 49-1/2" table opening Hydraulic drive, rated 749.36st  
**Top Drive** MH DDM-750-AC, 750st static/dynamic load rating 1270hp Electric AC motor. Max speed 220rpm, Max continuous torque 60,400 ft.-lbs. Max MU/BO torque 127,000 ft-lbs  
**Tubular Handling Diverter** (1) Maritime Hydraulics MH1899 3-1/2" – 9-1/2" OD HMM KFDJ 500, 36.5" diverter rated to 500psi  
**Mud Pumps** (3) Wirth TPK triplex pumps, each driven by 2200 hp Schorch KL6035B-EZ06 electric motor 7,500 psi rated  
**Solids Control** (4) NOV Brandt VSM300 shale shakers

### Power & Machinery

**Main Power** (4) Wartsila 8L26 diesel engines rated at 3,326hp at 900rpm each with A.Van Kaick / DSG 114M1 generator rated to 2,665kW  
**Emergency Power** (1) Caterpillar 3508-B diesel engine rated at 1,298hp at 1.800rpm with A. Van Kaick generator rated to 1125kW

### Storage Capacities

**Fuel Oil** .....3,396 bbls  
**Liquid Mud** ..... 3,460 bbls  
**Base Oil** ..... 1,572 bbls  
**Brine** ..... 3,145 bbls  
**Drill Water** ..... 5,500 bbls  
**Potable Water** ..... 2,768 bbls  
**Bulk Material** ..... (mud + cement) 17,657 cu-ft  
**Sack Storage** ..... 5,000 sacks

### BOP & Well Control Equipment

**BOP Rams** (2) HMM Compact double rams 18-3/4" 15k psi BOP  
**BOP Annular** (1) HMM GX 18-3/4" 10,000psi annular preventer  
**BOP Handling** MH / Carrier Type with (2) Forks, Wireless remote controlled, rated 120mt each

### Mooring Equipment

**Mooring Winches** (4) Brohl / OM500 electric winches rated at 50 mt capacity 104kN winch brake capacity  
**Anchor Lines** (4) Haggie Rand 2624ft x 1.65", 6x36 IWRC RHRL EEIPS  
**Anchors** (4) Franklin Offshore Delta Flipper 4.17mt

### Cranes

**Cranes** (2) Favelle Favco Type 20/10K electric / hydraulic, 80mt capacity, 164ft boom length (1) HMR 100/15-25 crane at port, 6mt capacity, 15ft boom length

### Special Features & Other Information

**CTU** Icon Engineering / P400A CTU 100mt tension capacity  
**RPD System** Yes  
**Helideck** Rated for EH101 helicopters. CAP 437  
**Offline Systems:**  
**Pipe Handling** (1) Aker Maritime Hydraulic racking platform capacities: Up to 207 stands 5-7/8" DP  
14 stands 9-3/4" DC  
56 stands for 16", 14", 13-5/8" or 13-3/8" casing  
90 stands for 11-3/4", 10-3/4", 9-5/8" or 7" casing  
143 stands for 7" or 3-1/2" production string  
  
Aker MH Eagle Light (fully automated gripping arm), Aker MH Tubular feeding machine (catwalk conveyor), Aker MH knuckle boom crane



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.

