

ELDORADO DRILLING · TECHNICAL SPECIFICATIONS

Deep Value Driller

7TH GEN ULTRA-DEEPWATER DRILLSHIP

A Hyundai / Gusto P10000 design drillship built by Hyundai Heavy Industries and in service since 2014 — designed for 12,000 ft of water depth (10,000 ft outfitted), with a dual derrick, 40,000 ft drilling depth and DP3 station keeping.

TECHNICAL SPECIFICATIONS

REV. OCTOBER 2026

FLAG · BAHAMAS

DNV · DP3

SINCE 2014

**12,000**_{FT}

WATER DEPTH (DESIGNED)

40,000_{FT}

MAX DRILLING DEPTH

1,134_{MT}

HOOKLOAD (MAIN WELL)

752_{FT}

HULL LENGTH

20,000_{MT}

VARIABLE DECK LOAD

210_{POB}

ACCOMMODATION

Vessel & Capacities

01

01 GENERAL INFORMATION

RIG DESIGN	Hyundai / Gusto P10000
YEAR ENTERED SERVICE	2014
BUILDER	Hyundai Heavy Industries
CLASS	DNV DP3
FLAG	Bahamas

02 GENERAL SPECIFICATION

HULL LENGTH	752 ft
HULL BREADTH	118 ft
HULL DEPTH	59 ft
MOON POOL	73.5 ft × 50 ft
ACCOMMODATION	210 POB
HELIDECK	CAP437, 73 ft Octagonal, suitable for Sikorsky S92 helicopter type, 12.6 MT load capacity

03 OPERATIONAL CAPABILITIES

MAX WATER DEPTH	12,000 ft designed / 10,000 ft outfitted
MIN WATER DEPTH	Subject to detailed analysis
TRANSIT DRAFT	31 ft
MAX DRILLING DEPTH	40,000 ft
VARIABLE DECK LOAD	20,000 MT
MAXIMUM SETBACK	1,587 MT, 1,134 MT (Survival)

04 STORAGE CAPACITIES

DIESEL	43,902 bbls
DRILL WATER	18,240 bbls
POTABLE WATER	8,800 bbls
BULK MATERIAL	16,000 ft ³ ea barite / bentonite & cement
BASE OIL	7,374 bbls
BRINE	7,910 bbls
ACTIVE MUD	5,670 bbls active / 8,830 bbls reserve
TRIP TANK	2 × 65 bbls
STRIPPING TANK	1 × 10 bbls
SACK STORE	6,000 sacks

05 MUD SYSTEM

WORKING PRESSURE	7,500 psi
MUD PUMPS	5 × NOV 14-P-220 mud pumps, 2,200 HP ea / 7,500 psi WP rating
SHAKERS	8 × NOV Brandt / VSM 300

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Handling & Well Control

02

06 TUBULAR HANDLING

PIPE FEEDING MACHINE	1 × NOV CWS P10-45HS, 10 MT capacity
PIPE RACKERS	2 × NOV HR-IV-ER, 3½" – 14", 14 MT capacity
RISER FEEDING MACHINE	1 × NOV CWM-R50-75, 50 MT capacity
MANIPULATOR ARM	Part of NOV HR-IV Hydraracker
ELEVATED BACK-UP TONG	2 × RBS-IV
PIPE DECK HANDLING CRANE	1 × Oriental HPC 640/2020, 20 MT capacity
PIPE HANDLING AUTOMATION	NOV Smart drilling instrumentation (SDI) integrated into Cyberchair

07 POWER GENERATION

MAIN ENGINES	6 × HHI-Himsen 16H32/40V diesel engines, 8,000 kW ea @ 720 rpm w/ 6 × HHI HAJ7 187-10P AC generator
EMERGENCY GENERATOR	1 × STX Engine QSK60DMGE, 1,500 kW @ 1800 rpm w/ 1 × STAMFORD PM734G1 AC generator

08 HANDLING SYSTEMS

DECK CRANES	– 1 × NOV knuckle boom, active heave compensated, 165 MT crane – 1 × NOV knuckle boom, 100 MT crane – 2 × NOV knuckle boom, 85 MT crane – 1 × Oriental single boom, 20 MT crane
RISER GANTRY CRANE	2 × 18 MT
BOP HANDLING	– Overhead gantry crane 2 × 240 MT rating & 2 × 35 MT aux gantry hoists – 1 × BOP trolley, 1000 MT rating
XMAS TREE HANDLING	– 1 × NOV Xmas tree moonpool skid, 200 MT rated capacity – 1 × Subsea tree gantry crane w/ 2 × 40 ton rated capacity + 1 × 5 MT with guiding system

09 WELL CONTROL EQUIPMENT

BLOWOUT PREVENTER	2 × GE / Hydril 18¾" – 15,000 psi , 7 ram cavity, dual annular, Super HD-H4 wellhead connector, API S53 compliant
DIVERTER	GE 21¾" KFDS-CSO 72" diverter assembly, 500 psi

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Drilling & Riser

03

10 DRILLING PACKAGE

DERRICK	NOV type DDBN 1250/750, dual derrick , 210 ft height w/ 80 ft × 60 ft base
HOOKLOAD CAPACITY	– MW – 1134 MT – AW – 680 MT
RACKING CAPACITY	– 6⅝" DP – 375 stds – 6⅝" HWDP – 20 stds – 9½" DC – 10 stds – 8¾" DC – 14 stds – 6¾" DC – 16 stds – 9.5" to 17" BHA – 8 stds – 3½" or 4" DP – 75 stds – 13⅝" or 9⅝" or 7" casing – 77 stds
DRAWWORKS	– MW – 1 × NOV Active Heave Compensated, 1134 MT, 9000 HP – AW – 1 × NOV Active Heave Compensated, 680 MT, 5750 HP
ROTARY TABLE	– MW – 1 × NOV RST-75.5, 1134 MT, 75.5" opening – AW – 1 × NOV RST-60.5, 680 MT, 60.5" opening
IRON ROUGHNECK	2 × NOV / Hydratong MPT-200, 3.5" to 9¾" size range, 103,258 ft-lbs make up torque & 147,512 ft-lbs break out torque
TOPDRIVE	– MW – 1 × NOV TDX-1250, 1134 MT, 2680 HP power rating, 105,000 ft-lbs continuous torque @ 130 rpm – AW – 1 × NOV TDS-8SA, 680 MT, 1150 HP power rating, 62,250 ft-lbs continuous torque @ 94 rpm

11 RISER EQUIPMENT

RISER	GE Vetco HMF Class H 21" OD riser (75 ft length), 4½" ID choke and kill lines (15K psi), 4" ID booster line (7,500 psi)
RISER TENSIONING	8 × Dual NOV SWRT-250-50 wireline riser tensioner (16 cylinders), 1814 MT total tensioner capacity, 12½ ft stroke length, 50 ft line travel
MOTION COMPENSATORS	– MW – 1 × NOV CMC-1000-2500-25, 1134 MT locked capacity, 454 MT compensated capacity, 25 ft stroke – AW

12 STATION KEEPING & PROPULSION

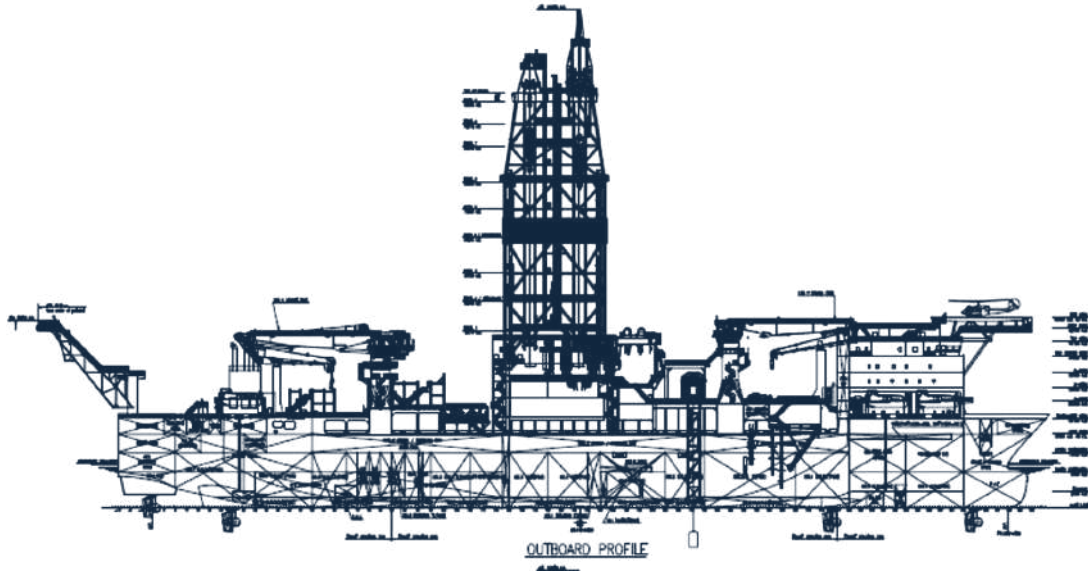
DP CONTROL SYSTEM	Kongsberg Maritime triple redundant full DP (DP3) – Position reference – 2 sets × Kongsberg HiPAP 500, 1 × back-up and 2 × riser angle – DGPS systems – 3 sets main, 1 back-up – GyroCompass – 2 sets main, 1 back-up – MRU – 3 sets
THRUSTERS	6 × 5.5 MW Rolls Royce UUC 455 FP fully azimuthing thrusters w/ monitoring system
MPD	Managed Pressure Drilling (MPD) ready

General Arrangement

04

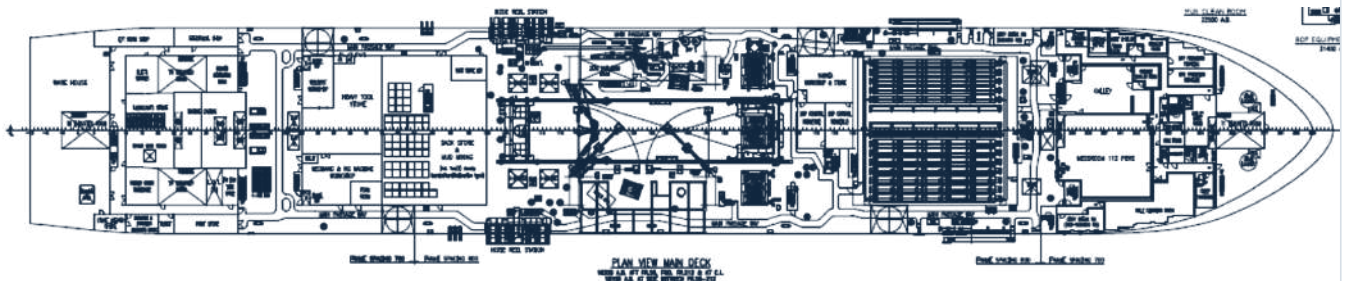
OUTBOARD PROFILE

SIDE ELEVATION



MAIN DECK

PLAN VIEW



GET IN TOUCH

**For more information on
Deep Value Driller**

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REVISION • OCTOBER 2026

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.