

# NAGA 3



## GENERAL

Name	<b>VELESTO NAGA 3</b>
Design	<b>GustoMSC-CJ46-X100D</b>
Delivery	<b>September 10</b>
Construction Yard	<b>PT. DryDocks World Graha, Batam, Indonesia</b>
Jack Up Type	<b>Independent Leg Jack Up Drilling Rig</b>
Flag	<b>Malaysia</b>
Classification	<b>ABS</b>
Class Notations	<b>A1 Self-Elevating Drilling Unit</b>

## MAIN DIMENSIONS / TECHNICAL

Length and Breadth	<b>214.07 ft x 203.4 ft</b>
Depth	<b>26.24 ft</b>
Draft	<b>14.8ft</b>
Leg Length	<b>483.5 ft</b>
Leg Length (under hull)	<b>421 ft</b>
Leg Spacing	<b>Transverse:150.9 ft Longitudinal: 131.2 ft</b>
Spud Can Diameter	<b>45 ft</b>
Bearing Pressure	<b>10.23 kips/ft2</b>
Design Water Depth	<b>350 ft</b>
Minimum Water Depth	<b>22 ft *Subject to site specific</b>
Drilling Depth	<b>30,000 ft</b>
Variable Load	<b>Afloat: 5,511 kips Elevated: 7,716 kips</b>
Drilling Envelope	<b>70 ft x 40 ft (20 ft to either side)</b>
Helideck	<b>Capacity: 12.8 MT</b>
Helideck Compliance	<b>CAP 437</b>
Refueling System	<b>2 x Wilmax 750 gallon</b>
Accommodation	<b>150 POB</b>

## DRILLING EQUIPMENT

Derrick	<b>NOV SSBN 750 35ft x 35 ft x 160 ft</b>
Hookload	<b>1,500 kips</b>
Drawworks	<b>NOV D 3000 AC 3000 HP</b>
Top Drive	<b>NOV TDS-8SA Rated Capacity: 680 MT</b>
Racking Capacity	<b>30,000 ft</b>
Pipe Handling	<b>NOV Bridge Raker BR10-SD</b>
Iron Roughneck	<b>Primary: NOV AR-3200</b>
Rotary Table	<b>NOV RST D495, 49-1/2"</b>
Driller's Instrumentation	<b>NOV Cyberbase System</b>

## TUBULARS

Drill Pipe	<b>5 -1/2" S-135 FH DSTJ (21.9 ppf) 4" DSTJ ST-39 (14 ppf)</b>
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## OFFLINE CAPABILITY

- Make up and break up drill pipe offline
- Perform offline centrifuging
- Perform offline cementing

## WELL CONTROL

BOP	<b>18-3/4" NOV NXTM 15,000 psi WP</b>
BOP Annular	<b>18-3/4" NOV SBOP 10,000 psi WP</b>
Diverter	<b>Vetco Gray KFDJ-500 49-1/2"</b>
Choke & Kill Manifold	<b>3-1/16" ID 15,000 psi</b>
BOP Hoist	<b>Ingersoll Rand Lifting Capacity : 150 MT</b>
Conductor Tensioner	<b>NOV 227 MT</b>
BOP Top Tensioner Unit	<b>ICON P100A 210bar</b>

## LIFTING EQUIPMENT

Deck Crane	<b>(3x FavelleFavco 7.5/10k)</b>
Location	<b>1 x Port Aft, 1 x Port Forward, 1 x Starboard</b>
Main Hoist Capacity	<b>Up to 50.0 T at 12.0 m Up to 9.2 T at 41.4 m</b>
Fly Hoist Capacity	<b>Up to 5 T in all radii</b>

## MUD SYSTEM

Mud Pumps	<b>3 x NOV 14-P-220, 2,200 hp Triplex Type, 7,500 psi Working Pressure</b>
Shale Shakers	<b>5 x NOV VSM 300</b>
Desander	<b>1 x NOV Brandt Integrated with VSM 300</b>
Desilter	<b>1 x NOV Brandt Integrated with VSM 300</b>
Degasser	<b>2 x NOV Brandt DG-10</b>
Mud/Gas Separator	<b>RB Pipetech, 150 psi WP ,12" ID</b>

## POWER PLANT

Main Engines	<b>5 x Caterpillar 3516B-HD, 2,150 hp</b>
Main Generators	<b>5 x KATO @ 1,720 ekW</b>
Emergency Engine	<b>Caterpillar 3516B HD DITA</b>
Emergency Generator	<b>KATO @1,720 ekW</b>

## STORAGE CAPACITIES

Fuel	<b>4,446 bbl</b>
Potable Water	<b>2,704 bbl</b>
Liquid Mud	<b>4,365 bbl</b>
Brine	<b>1,264 bbl</b>
Barite/Bentonite Silos	<b>7,486 ft3</b>
Cement Silos	<b>7,486 ft3</b>
Sack Storage	<b>5,000 sacks</b>
Base Oil	<b>1,264 bbl</b>
Preload (Independent)	<b>51,079 bbl</b>
Preload / Drill Water Tank	<b>20,838 bbl (interchangeable tank drill / preload)</b>