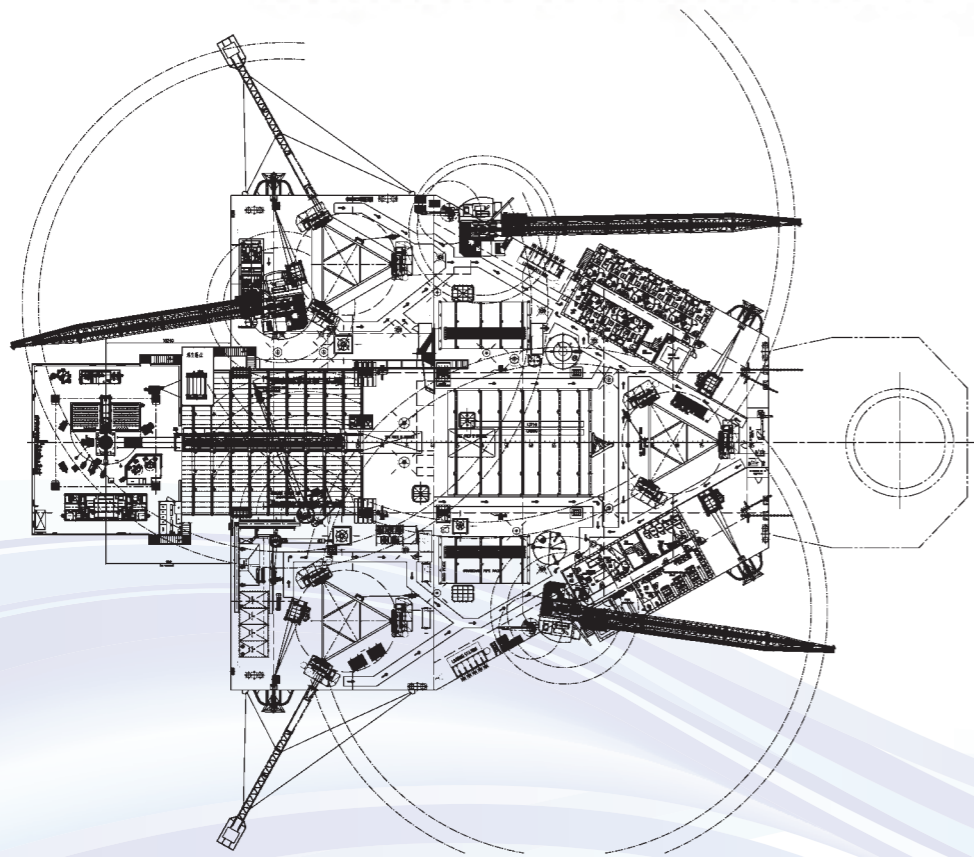
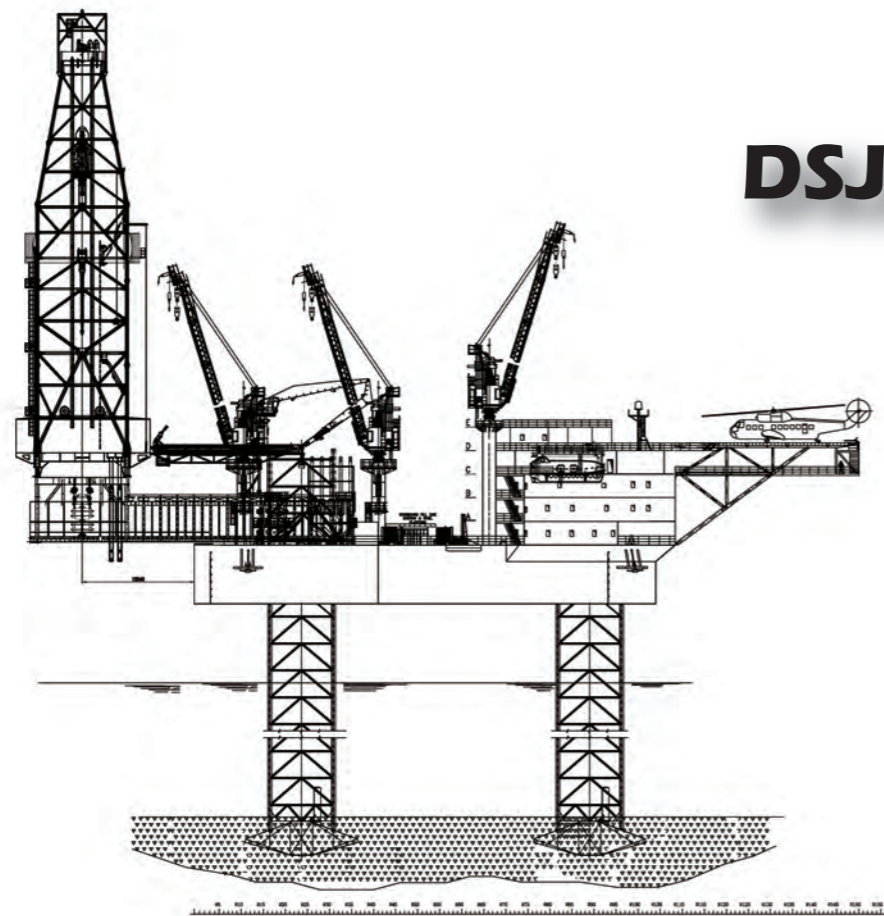


DSJ300



DSJ300



DSJ300 – SELF ELEVATING, CANTILEVER TYPE, PREMIUM JACKUP DRILLING UNIT KEY FEATURES:

- Operating water depth capability of 300 ft in moderate ocean environments.
- 105 persons comfortable accommodation in wrap around quarters.
- State-of-the-art drilling equipment with 1500 kips hook load capacity capable of drilling depth 30000 ft.
- Large variable load capacities and usable deck area for broader operating capabilities.
- Faster operations with horizontal / vertical pipe handling systems and offline triple stand building.
- Extended cantilever reach of 50 ft with max. combined drilling load of 1698 kips.
- Enhanced design with focus on operating flexibility, safety, reliability and minimum environmental impact.

CLASSIFICATION & CONDITIONS

| | |
|--------------------------|-------------------------------------|
| Class Notation | CCS A1 Self-Elevating Drilling Unit |
| Min. Service Temperature | -10 deg. C |

HULL & DIMENSIONS

| | Metric | Imperial |
|-----------------------------------|---------------------|----------|
| Hull Shape | Modified Triangular | |
| Hull Length | 62.8 m | 206 ft |
| Hull Breadth | 60.2 m | 197.5 ft |
| Hull Depth | 8.0 m | 26.2 ft |
| Leg Spacing (C to C)-Transverse | 43.4 m | 142.4 ft |
| Leg Spacing (C to C)-Longitudinal | 39.8 m | 130.6 ft |

LEGS & SPUDCAN

| | Metric | Imperial |
|---|------------------------------------|-------------|
| Nos. & Leg Type | Three (3) x Triangular Truss | |
| Length of the Leg (Incl. Spudcan) | 125.3 m | 411 ft |
| Length of Leg Below Hull | 105.8 m | 347 ft |
| Chord to Chord Spacing | 10 m | 32.8 ft |
| Type of Spudcans | Fixed circular, free flooding type | |
| Diameter of Spudcan | 15.2 m | 50 ft |
| Height of Spudcan | 4.572 m | 15 ft |
| Bearing Area | 157 sq.m | 1690 sq. ft |
| Max. Footing Reaction per Leg (Approx.) | 6750 MT | 14868 kips |
| Max. Bearing Pressure (Approx.) | 45.6 MT/sq. m | 66 psi |

JACKING & FIXATION SYSTEM

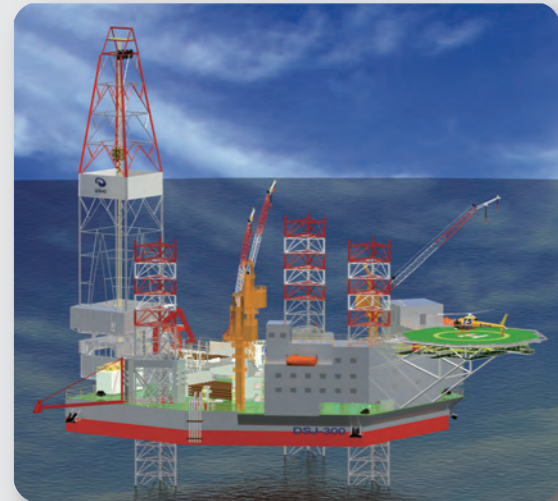
| | | |
|---------------------------------------|-------------------------------------|-------------|
| Type of Jacking System | Electric Rack & Pinion – Fixed Type | |
| Total No. of Pinions | 54 Pinions | |
| Normal Jacking Capacity (per pinion) | 200 MT | 440.6 kips |
| Preload Jacking Capacity (per pinion) | 258 MT | 568.38 kips |
| Static Holding Capacity (per pinion) | 454 MT | 1000.2 kips |
| Lifting Speed | 0.45 m/min | 1.5 ft/min |
| Fixation System | Hyd. or Ele. Driven Rack Chocks | |
| Total No. of Rack Chocks | 9 Chocks | |
| Static Holding Capacity (per Chord) | 5000 MT | 11023 kips |

TANK CAPACITIES

| | | |
|-------------------------------------|-------------|-------------|
| Diesel Fuel Storage | 727 cu. m | 4572 bbl |
| Potable Water | 506 cu. m | 3182 bbl |
| Preload / Ballast Water | 10140 cu. m | 63773 bbl |
| Drill Water | 1300 cu. m | 8176 bbl |
| Mud Pits (Active & Reserve) | 660 cu. m | 4151 bbl |
| Mud Treatment Pits | 37 cu. m | 233 bbl |
| Base oil | 130 cu. m | 818 bbl |
| Brine | 130 cu. m | 818 bbl |
| Bulk Mud & Cement | 520 cu. m | 3271 cu. ft |
| Sack Storage | 5000 sacks | |
| Pipe Racks (Main Deck & Cantilever) | 655 sq. m | 7045 sq. ft |

DRILLING LOADS & EQUIPMENT

| | | |
|-----------------------------|--------------------------------------|------------------|
| Max. Hook Load | 680 MT | 1500 kips |
| Max. Rotary Load | 680 MT | 1500 kips |
| Max. Setback Load | 340 MT | 749 kips |
| Draw Works | 3356 kW | 4500 HP |
| Rotary Table | | 49.5 inch |
| Mud Pumps | 3 x 2200 hp @ 7500 psi | |
| Vertical Pipe Handling | Pipe Racker System | |
| Horizontal Pipe Handling | Catwalk Shuttle & Knuckle Boom Crane | |
| Conductor Tensioning System | 400 MT @ 7.6 m | 882 kips @ 25 ft |



ENVIRONMENTAL LIMITS - SURVIVAL

| | Survival | |
|-----------------------------|----------|-----------|
| Water Depth | 91.44 m | 300 ft |
| Max. Wave Height | 15.24 m | 50 ft |
| Associated Wave Period | 13.5 s | 13.5 s |
| Wind Velocity (1 min. mean) | 51.4 m/s | 100 kts |
| Air Gap | 11.28 m | 37 ft |
| Penetration | 3.05 m | 10 ft |
| Variable Load | 2750 MT | 6057 kips |

ENVIRONMENTAL LIMITS - OPERATING

| | Operating | |
|------------------------|-----------|------------|
| Water Depth | 91.44 m | 300 ft |
| Max. Wave Height | 10.67 m | 35 ft |
| Associated Wave Period | 13.5 s | 13.5 s |
| Wind Velocity | 36 m/s | 70 kts |
| Air Gap | 11.28 m | 37 ft |
| Penetration | 3.05 m | 10 ft |
| Variable Load | 4080 MT | 13386 kips |

CANTILEVER & DRILLFLOOR

| | Metric | Imperial |
|------------------------------|----------------------------------|------------------|
| Cantilever Reach Aft | 15.24 m | 50 ft |
| Drill Floor Reach Transverse | +/- 4.57 m | +/- 15 ft |
| Cantilever Skidding System | 2 sets of Hyd. Skidding Assembly | |
| | d. Lift & Roll Assembly | |
| | 4 m | 64.4 x 64.4 ft |
| | 1.8 m | 40 x 40 x 170 ft |



MUD CONDITIONING

| | Metric | Imperial |
|---------------|----------------------------|----------|
| Shaker System | Five (5) Cascading Shakers | |
| | One (1) Mud Cleaner | |
| Degassers | Two (2) Vacuum Degasser | |

WELL CONTROL EQUIPMENT

| | | |
|--------------------|--------------------------|--------------|
| BOP Stack | 18 3/4" x15000 psi | |
| BOP Handling Crane | 120 MT | 132.3 s/tons |
| Fixed Diverter | 27-1/2" ID bore, 500 psi | |

HELIDECK

| | | |
|------------------|-----------------------|---------|
| Helicopter Types | Sikorsky S-61N & S-92 | |
| Size | 22.2 m | 72.8 ft |

DECK EQUIPMENT

| | | |
|-----------------|--------------------------------|------------------------|
| Main Crane | Three (3) x Fixed Lattice Boom | |
| | 50 MT@12 m | 82.5 s/tons @ 39.37 ft |
| | 36.6 m | 120 ft Boom |
| Mooring Winches | Four (4) x Single Drum | |

POWER SYSTEMS

| | | |
|--------------------------------|------------------------|--|
| Main Diesel Engine Gensets | Six (6) x 1530 ekW | |
| | 1910 kVA, 690 V, 60 Hz | |
| Emergency Diesel Engine Genset | One (1) x 900 ekW | |
| | 1125 kVA, 690 V, 60 Hz | |

DSJ300