

ZJ40 LDB DRILLING RIG (REF#1908N)

- Suitable for exploration and development of oil and gas rating of 4000 meters with 4-1/2" diameter drill pipe.
- Apart from rotary table drive by AC motor and control by VFD system, Drawworks and pumps drive by engine and chain compounding transmission.
- Integrated raising substructure. All equipment on the drill floor is installed at lower position. Utilize power of drawworks to raise both mast and substructure from lower situation to working position.
- Drive system: Machine+VFD
- Derrick rating load: API 4F 2,250 kN (250 tonnes)
- Working hook load: 10 lines, 2,250 kN (250 tonnes)
- Available depth with 5" DP: 3,200m or 10,500'
- Available depth with 4-1/2" DP: 4,000m or 13,000'
- Installed power: 1150 hp x 3
- Engine: Cummins KTA38 (1150 hp) 2100 rpm
- No. of speed for drawworks (machine): 4 +1 rev;
- Max input drawworks: 1300 hp
- Max line of hoisting system: 10 lines
- Dia. Of drilling line: dia 32 (1-1/4"
- Opening of rotary table: 27-1/2"
- Mud pump: F-1300 (double)
- Max mud pump pressure: 5,000 psi
- Double standpipe: 4" x 5000 psi
- BOP system: 7000 psi, 13-5/8"
- Rig floor height: 24.5'
- Mud tank total capacity: 1,500 Bbls
- 2 shale shakers
- Derrick clear height (between rig floor and crown block: 141'
- Generator equipped: 400 kw
- Well control: BOP F35-35