

**PACKAGE SUMMARY****DRAWWORKS AND ACCESSORIES**

- JC50D 1500 HP Draw works
- Hydraulic Disc Brake w/ HPU
- Lebus Drum Grooved for 1-1/2"
- 3280' 1-1/2" Drilling Line on Spooler
- 1500 HP Rated Power w/(2) 800 KW Drilling Motors
- \* Max Fast Line Pull 78,000lbs
- \* Eaton 336WCB2 Auxiliary Brake
- \* Crown Block Protector

**MAST AND ACCESSORIES**

- JJ450/45-K Mast (500 Ton SHL)
- TC450 Crown Block w/ 7 Sheaves
- Adjustable Racking Board
- 4" ID, 5,000 psi Double Standpipe
- Escape Device, Climb Assist & Counter Weights
- 22,000 5" DP and 8 stands DC Racking Capacity
- \* 147' Cantilever, Self Erecting
- \* Casing Stabbing Board
- \* (2) 4" ID, 5,000 psi Rotary Hose

**SUBSTRUCTURE AND ACCESSORIES**

- DZ450/9 Box on Box Substructure w/ 1,000,000 lbs Max Hook Load
- Height 25' w/ 20.3' Clearance
- Driller's Console
- 37-1/2" Rotary Table w/Master Bushing
- Pipe Racks, & Floor Mats
- 5-1/4" Kelly Bushings, Insets
- \* 500,000lbs Setback Capacity
- \* YD 160 Hydraulic Power Unit
- \* V-Door, Escape Slide & Catwalks
- \* Deadline Anchor Max Load 94,416 lbs
- \* Dog House & Support

**TRAVELING EQUIPMENT**

- YC450 (500 ton) Traveling Block 60" x 6 Sheaves, 1-1/2" Groove
- DG 450 Hook Capacity 1,000,000 Lbs.
- SL 450 Swivel 1,000,000 Lbs Capacity

**TOP DRIVE**

- 500 Ton WARRIOR AC Top Drive System
- Rated Hook Load 500 Ton
- Continuous Output Power 1000 HP
- Continuous Torque Rating:
- Maximum Speed Rating:
- \* Model 500E AC
- \* 4 – 250 HP AC Induction Electric Motors AC
- \* Gear Ratio 6.808:1
- \* 50,000 ft-lbs @ 105 RPM
- \* 23,000 ft-lbs @ 220 RPM



**POWER AND CONTROL SYSTEM USA ONLY**

- (3)New CAT 3512C 1200 RPM 1476 HP SR4 1250 KW Generator Sets
- (4) VFD/(3)SCR/MCC System \* Ground Detection System
- Synchronizing System \* 1200A Breaker to Feed MCC Transformer
- Draw works Braking Resistors \* 1250kVA,600:480V,60Hz MCC Transformer
- PLC Cubicle/MCC \* NEMA type 480V, 60 HZ MCC
- (3) Generator Houses \* (1) Sullair 3710 Electric Air Compressor
- Cables, Plugs, and Receptacles \* (1) Sullair SRS-175 Air Dryer & Receiver
- LED/MH Lighting System \* (1) Cold Start Diesel Air Compressor

**POWER AND CONTROL SYSTEM INTERNATIONAL ONLY**

- (3 or 4) Remanufactured CAT 3512DITA MIU 1200 RPM 1250 HP Kato 1050 KW Generator Sets
- (4) VFD/(3)SCR/MCC System \* Ground Detection System
- Synchronizing System \* 1200A Breaker to Feed MCC Transformer
- Draw works Braking Resistors \* 1250kVA,600:480V,60Hz MCC Transformer
- PLC Cubicle \* NEMA type 480V, 60 HZ MCC
- (3 or 4) Generator Houses \* (1) Sullair 3710 Electric Air Compressor
- Cables, Plugs, and Receptacles \* (1) Sullair SRS-175 Air Dryer & Receiver
- LED/MH Lighting System \* (1) Cold Start Diesel Air Compressor

**MUD SYSTEM & SOLID CONTROL EQUIPMENT**

- 1200 bbl Mud System \* 320 bbl Shaker Tank
- 500 bbl Intermediate Tank \* 380 bbl Suction Tank
- 2 Swaco Meer Cat Shale Shaker \* Swaco Mud Cleaner
- DG-10 Vacuum Degasser \* Trip Tank

**MUD PUMPS**

- (2) TFI F-1600 Mud Pumps: \* 1600 HP, 120 SPM, 5000 PSI (Optional 7500PSI)
- Heavy Duty Oilfield Skid \* Ea w/ (2) GE752 or Equivalent DC Motors
- Direct V-Belt Drive \* 75 HP Charging Pump
- Suction & Discharge Dampner \* Vibration Hoses & High Pressure Manifold

**HANDLING TOOLS**

- (3) 5 Ton Air Winches \* (1) 0.5 Ton Air Winch
- (1) DH 3150 Elevator Links 132' Length \* (3) DDZ 4 ½" EU DP Elevator (500 ton)
- (1) Set Type DB Manual Tong \* (3) DDZ 5" EU DP Elevator (350 ton)
- (3) 5" SDXL DP Slip \* (3) 4 ½" SDXL DP Slip

**API 16A WELL CONTROL EQUIPMENT**

- 13-5/8" 5/10K Annular BOP \* 13-5/8" 10K Single Ram BOP
- 13-5/8" 10K Drilling Spool \* 13-5/8" 10K Double Ram BOP
- 7-Station BOP Closing Unit \* 4-1/16" 10K Choke/Kill Manifold