



# ROTARY

Fúrásí Zrt. ■ Drilling Co.Ltd.

A member of the  Group

## R-69

**Drilling Rig 1000HP  
ZJ40 Truck-mounted**

### **RATED DRILLING DEPTH:**

3500 m (11,483 ft) with 5" DP  
4000 m (13,123 ft) with 4 1/2" DP  
(not included 4 1/2" DP)

### **SUBSTRUCTURE:**

DZ2225X01 Height: 6 m (19.7 ft)  
Height under rotary beams: 5 m (16.4 ft)  
Max load of rotary beam: 229 mt (505,820 lbs)  
Setback capacity: 137 mt (303,492 lbs)

### **MAST:**

DSL, 38 m (125 ft) hydraulic telescopic, hydraulic lifting and lowering  
Capacity: 229 mt (505,820 lbs)

### **CROWN BLOCK:**

DSL  
No of sheaves: 4+2  
Grooved: 1 1/4"  
Capacity: 229 mt (505,820 lbs)

### **TRAVELLING BLOCK & HOOK:**

BENTEC TB-275-5-42-1 traveling block + Hook  
No of sheaves: 5  
Capacity: 250 mt (551 155 lbs)

### **SWIVEL:**

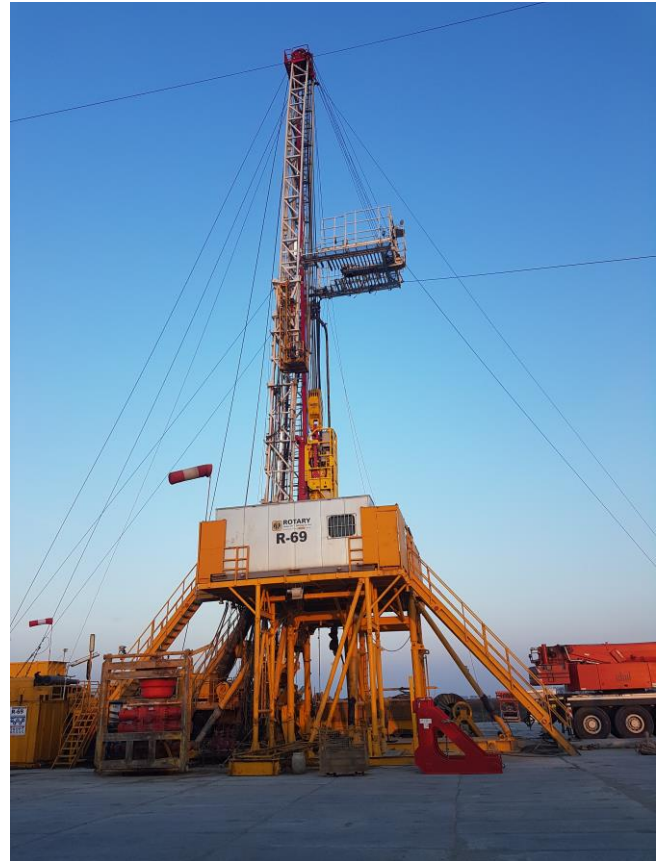
XSL225  
Capacity: 229 mt (505,820 lbs)  
Max. working pressure: 350 bar (5000 psi)  
Equipped with integrated pneumatic Kelly spinner

### **DRAWWORKS:**

JC28P/D (1000 HP)  
Two pcs of CAT C18 engines, 630 HP each  
Brake: PZ40 hydraulic water-cooled disc brake  
Auxiliary brake: EATON WCB236 pneumatic water-cooled PLC controlled disc brake

### **ROTARY TABLE:**

ZP275, 27 1/2"  
Capacity: 280 mt (617,294 lbs)  
Max. output torque: 27,500 Nm



### **TOP DRIVE:**

BENTEC TD-250-C  
Capacity: 227 mt (500 449 lbs)  
Drilling torque: 47 750 Nm (35 200 ft lbs)  
Drilling Speed: 0 to 200 1/min  
Make up/ Brake out Torque: 60 000 Nm (44 254 ft lbs)

### **POWER PLANT:**

Diesel engine driven gensets: 3 x CAT C-18-700,  
Rated power prime: 635KVA/508 KW (2 x 680 HP,  $\varphi=0,8$ )  
Rated voltage: 400/230 VAC  
Phase: 3 phase

### **MUD SYSTEM:**

Mud Pumps: 2 x Bomco F-1000 triplex, each pump powered by one diesel engine Caterpillar 3512 type, 2 x 764 kW (1024 HP)  
Mud Tanks: 4 (Active mud tanks) + 1 (Reserve mud tank) + Trip Tank + Sand Trap, Total capacity: 180 m3  
Shale Shaker: 2 x Swaco-Mongoose PT dual-motion  
Capacity: 600 GPM each  
Mud Cleaner: Swaco Combo D-sander/D-silter unit  
Desander: 2x10" slant type  
Desilter: 12x4" single cone vertical  
Degasser: Swaco Compact vacuum degasser unit  
Centrifuges: 1 pc Swaco 518 std. high speed