

T-853 HIGHLY MOBILE DESERT RIG

TECHNICAL OVERVIEW

Rating	800 HP
Hook load	342,534 lbs with 10 lines
Drilling depth theoretical	10,000 ft
Year of construction 1995, refurbished 2010	

MAST

Type	Dreco,V-Telescopic mast
Height	108 ft
Static Hook Load	342,534 lbs

SUBSTRUCTURE

Type	DRECO
Height	20 ft
Casing load	274,000 lbs
Setback load	240,000 lbs

DRAWWORKS

Type	Dreco 800
Horsepower rating	800 HP
Max. line pull	152,000 daN with 10 Lines
Drilling line diameter	1.1/8"
Auxiliary brake	Baylor, Eddy Current

TOP DRIVE

Type	N/A
Capacity	
Torque	

ROTARY TABLE

Type	Gardner Denver C-275
Table opening	27.5"

IRON ROUGHNECK

Type	NA
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DRIVE GROUP

Engine type	Caterpillar 3508
Horsepower Rating	3 x 825 HP
Generator type	Caterpillar SR4
Generator rating	3 x 540 KW @ 1200 rpm
Voltage	600V, 60 Hz
Control Unit	SCR



MUD SYSTEM

Pump type	2 x Ideco T-1000
Horsepower rating	2 x 1,000 HP
Standpipe pressure	5000 psi
Shale shaker	2 No.s
Shale shaker type	Derrick-Flo
Active mud system	880 bbl
Reserve mud syst.	500 bbl
Water Tanks	1,000 bbl

BOP EQUIPMENT

Annular	13 5/8" - 5,000 psi
Single ram	NA
Double ram	13 5/8" - 5,000 psi

CAMP EQUIPMENT

Full rig camp for 100 men

ADDITIONAL EQUIPMENT

Rig on carrier, mud pumps, generator on wheels
CCTV CAMERA
KEMS