

T-826 CARDWELL (MECHANICAL)

TECHNICAL OVERVIEW

Rating	800 HP	
Hook load	375,000 lbs @ 10 lines	
Drilling depth theoretical	10,000 ft	2,500m

Year of construction 1988, refurbished 2010

MAST

Type	IPS Cardwell, 375-118 Telescopic
Height	118 ft
Hook load	375,000 lbs

SUBSTRUCTURE

Type	Telescopic frame
Height	19 ft
Casing load	375,000 lbs
Setback load	285,000 lbs

DRAWWORKS

Type	KB-700
Horsepower rating	800 HP
Max. line pull	167,000 daN with 10 lines
Drilling line diameter	1.1/8"
Auxiliary brake	Parmac International Hydraumatic Model V80

TOP DRIVE

Type	N/A
Capacity	
Torque	

ROTARY TABLE

Type	Gardner Denver RT
Table opening	22 1/2"

IRON ROUGHNECK

Type	N/A
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DRIVE GROUP

Engine type	Caterpillar D3408, D379
Horsepower Rating	2 x 400 HP, 2 x 610 HP
Generator type	LC7
Generator rating	2 x 650 HP
Voltage	400V, 60 Hz
Control Unit	MCC panel



MUD SYSTEM

Pump type	2 GARDNER DENVER PZ-8
Horsepower rating	750 HP ea
Standpipe pressure	5,000 psi
Shale shaker	2 No.s
Shale shaker type	2 x Derrick-Flowline cleaners
Active mud system	2 Tanks - 629 bbl
Reserve mud syst.	2 Tanks - 1,000 bbl.
Water Tanks	2 Tanks - 1,000 bbl.

BOP EQUIPMENT

Annular	13 5/8" - 5000 psi
Single ram	NA
Double ram	13 5/8" - 5000 psi

CAMP EQUIPMENT

Full rig camp for 100 men

ADDITIONAL EQUIPMENT

CCTV CAMERA
KEMS