

T-45 EMSCO C-2 II

TECHNICAL OVERVIEW

Rating	2,000 HP	1,490 kW
Hook load	1,000,000 lbs @12 lines	454 t
Drilling depth theoretical	23,000 ft	Approx. 7,000 m

Refurbished API CAT IV in 2012

MAST

Type	Dreco M 14730-13307, cantilever	
Height	147 ft	45.1 m
Hook load	1,000,000 lbs @12 lines	454 t

SUBSTRUCTURE

Type	Dreco slingshot	
Height	30 ft	9.1 m
Casing load	1,000,000 lbs	454 t
Setback load	600,000 lbs	272 t

DRAWWORKS

Type	Emsco C-2 II	
Horsepower rating	2,000 HP	1,490 kW
Max. line pull	112,400 lbs	51 t
Drilling line diameter	1 ½"	38 mm
Auxiliary brake	Baylor 7838	

TOP DRIVE

Type	Varco TDS-4S	
Capacity	1,300,000 lbs	590 t
Torque	45,500 ft.lbs	61,690 Nm

ROTARY TABLE

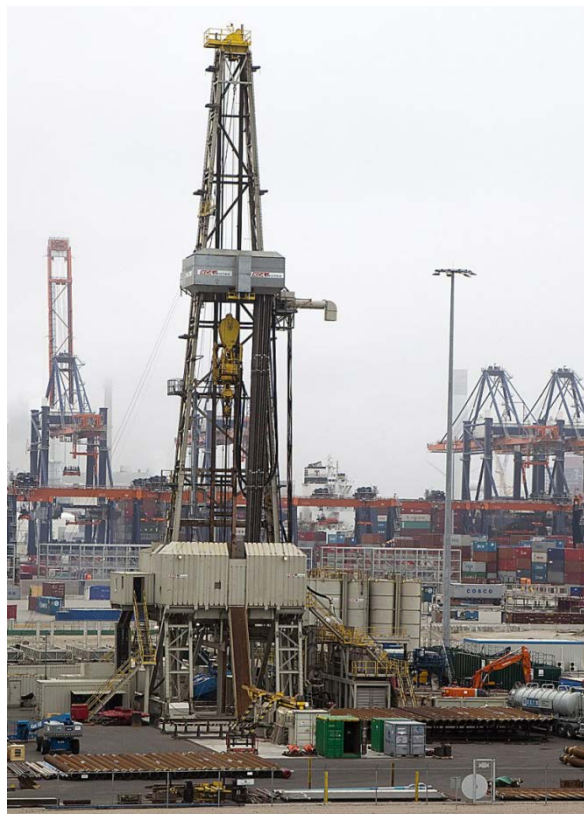
Type	National C-375	
Table opening	37 ½"	952.5 mm

IRON ROUGHNECK

Type	Varco AR3200	
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DRIVE GROUP

Engine type	MWM TBD 620 V 16	
Horsepower rating	4 x 2,330 HP	1,500 kW
Generator type	Piller NG 2500-4S	
Generator rating	4 x 2,500 kVA	
SCR-Unit	Bentec SCR	



MUD SYSTEM

Mud pump type	Wirth TPK-2000	
Horsepower rating	3 x 2,000 HP	
Standpipe pressure	7,500 psi	517 bar
Active mud system	860 bbl, round tank system	137 m ³
Reserve mud system	940 bbl, 4 silos	153 m ³
Shale shaker type	4 x Thule VSM 300 elliptical	

BOP EQUIPMENT

Depending on clients requirements	All specified acc. to API 16A
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ADDITIONAL INFORMATION

Soundproofed Equipment:

Rig Floor, Fingerboard, Drawworks, Generators, Mud Pumps, Shale Shaker Area, Helical gear for Top Drive

Drawworks features:

Disc brake, Anti Collision System (ACS), Automatic Driller System

Power Supply:

Diesel Engine Driven or/and Grid-Power Supply with Transformer

Certification: API

Miscellaneous:

- Air Conditioned Driller Cabin with Bohr Drill-Pro & CCTV
- Soft Torque System – Bentec Mark III
- Mechanized Catwalk System – Bentec MCS
- Mechanized Derrickman System – Bentec MDS
- Skidding System
- Round Tank System (Covered)