

T-47 EMSCO C-3 III

TECHNICAL OVERVIEW

Rating	3,000 HP	2,237 kW
Hook load	2,000,000 lbs @ 16 lines	907 t
Drilling depth theoretical	30,000 ft	9,144 m

Refurbished API CAT IV in 2012

MAST

Type	Dreco M 15240-2500 cantilever	
Height	161 ft incl. extension	49 m
Hook load	2,000,000 lbs	907 t

SUBSTRUCTURE

Type	Dreco slingshot	
Height	36 ft	11 m
Casing load	2,000,000 lbs	907 t
Setback load	1,500,000 lbs	680 t

DRAWWORKS

Type	Continental Emsco C-3 III	
Horsepower rating	3,000 HP	2,237 kW
Max. line pull	150,000 lbs	68 t
Drilling line diameter	1 5/8"	41.3 mm
Auxiliary brake	Baylor 7838	

TOP DRIVE

Type	Varco TDS-4S	
Capacity	1,500,000 lbs	680 t
Torque	45,500 ft.lbs	61,690 Nm

ROTARY TABLE

Type	National C-375	
Table opening	37 1/2"	953 mm

IRON ROUGHNECK

Type	NOV ST-120	
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DRIVE GROUP

Engine type	Caterpillar 3512B	
Horsepower rating	5 x 1,476 HP	1,101 kW
Generator type	Caterpillar SR4B	
Generator rating	5 x 1,500 kVA	
Voltage	600/460 V, 60 Hz	
SCR Unit	Bentec SCR	



MUD SYSTEM

Pump type	Emsco FC-1600	
Horse power rating	3 x 1,600 HP	
Standpipe pressure	7,500 psi	517 bar
Active mud system	1,134 bbl	180 m ³
Reserve mud system	3,710 bbl	590 m ³
Storage / Silos	8,977 bbl	1,430 m ³
Shale shaker	4 x Swaco BEM3	
Shale shaker	2 x BEM3 drying shaker	
Centrifuge	4 x Swaco CD 350	

BOP EQUIPMENT

Annular	29 1/2" – 500 psi
	21 1/4" – 2,000 psi
	13 5/8" – 10,000 psi
Double ram	20 3/4" – 3,000 psi
	13 5/8" – 15,000 psi

ADDITIONAL INFORMATION

Soundproofed Equipment:

Rig Floor, Fingerboard, Drawworks, Generators, Mud Pumps

Drawworks features:

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

Power Supply:

Diesel Engine Driven

Certification: API

Miscellaneous:

- Air Conditioned Driller Cabin with Bentec D.I.S. & CCTV
- Mechanized Catwalk System – Bentec MCS
- Winterization package to operating till -30°C
- Skidding System incl. extension Kit for 35 m
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