

T-16

A purpose-built barge-type self-erecting tender assisted drilling rig with a flat bottom, raked stern and bow hull shape. The rig is designed for development drilling involving multiple well slots on fixed wellhead platforms in up to 6,000 ft of water with pre-laid mooring.



GENERAL

Design	Flat Bottom Barge
Built / Year	COSCO Nantong China / 2013
Rig Type	SETR
Major Upgrades	Nil
Flag	Panama
Classification	ABS
Class Notations	+A1 Barge Drilling Tender

MAIN DIMENSIONS / TECHNICAL

Length x Breadth	320 ft x 90 ft x 37.3 ft
Max. Water Depth	6,000 ft w/Pre-laid Mooring
Min. Water Depth	30 ft
Drilling Depth	20,000 ft
Variable Load	7,108 mt
Helideck	S61N & S92
Helideck Compliance	CAP437

DRILLING EQUIPMENT

Derrick	NOV Telescopic Mast
Hookload	750 kips
Drawworks	NOV DSGD, 2,300 HP
Racking Capacity	20,000 ft 5 7/8" DP
Top Drive	NOV TDS-8S AC, 650 st, 63,000 ft-lbs Cont Torque
Pipe Handling	PH-100
Iron Roughneck	HawkJaw Junior, Mod 65K – 950JR
Rotary Table	LEWCO L-375 – 37.5"
Power Slips	PS-500
Drilling Line	7,500 ft x 1-3/8" OD
DES Dry Weight	767 mt
DES Number of Lifts	7

STORAGE CAPACITIES

Fuel	5,440 bbls
Drill Water	17,745 bbls
Potable Water	3,831 bbls
Active/Reserve Liquid Mud	5,234 bbls
Base Oil	3,300 bbls
Brine	2,409 bbls
Bulk Bentonite / Barite	4,200 / 4,200 cu ft
Bulk Cement	8,400 cu ft
Sack Storage	9,000 Sacks

POWER

Main Engines	6 x Cat 3516-BTA
Main Generators	6 x KATO AC 6P7-2050 @ 1,600 kW
Total Power	7,740 kW
Emergency Power	1 x Cat 3512-DITA, KATO 6p6-2650 @ 1020 kW

WELL CONTROL

Diverter	Nil
BOP	13-5/8" Cameron, 5k ABOP. 13-5/8" Cameron, 10k 1 x SRBOP & 1 x DRBOP
C&K Manifold	10k psi
BOP Hoist	50 mt

MUD SYSTEM

Mud Pumps	3 x National 12P160, Triplex 1,600 HP
Pressure Rating	7,500 psi
Shale Shakers	3 x Axiom AX-1
Mud Gas Separator	30" OD with 8" OD Vent Line
Degasser	Swaco CD-1400 Hurricane

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LIFTING EQUIPMENT

Main Crane	Favco PC300 / 170-ft Boom
Main Crane Rating	200 mt @ 20.0 m radius (DF=2.0)
Deck Crane	Favelle Favco PC20-6/10K with 140-ft Boom
Deck Crane Rating	20 mt @ 10 m Radius (DF = 2.0)
Master Skid Cranes	2 x Master Skid Knuckle Joint Cranes
Crane Rating	14,000 lbs

TUBULARS

Drill Pipe	5" DP
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OFFLINE ACTIVITY CAPABILITY

OAC Crane	Cantilever Crane, 12,000 lbs
OAC Power Tong	HawkJaw Junior, Model 65K-950JR
Offline Electric Log	Yes - URF

STATION KEEPING

Anchor Wire	8 x 2 ½" OD x 4,600 feet Galvanised Wire Ropes
Anchors	8 x 10 mt Delta Flipper + 1EA Spare
Mooring Winches	4 x Skagit Model DMW 250, Dual Drums, Electric Winches

OTHER FEATURES

4 x 80 Men Jiangyin Norsafe Survival Crafts, Offline Cementing