

# Rig 125

## Hoisting and Rotating

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Drawworks	Jieneng 1500 (1,500 hp) powered by 2-Yonge YZ08 traction motors
Auxiliary Brake	Eaton 336 WCB2
Rotary Table	Lanzhou ZP-275 with a 27-1/2" opening
Traveling Block	Quingdao YC-450 (500 ton)
Swivel	Lanzhou SL-450 (500 ton)
Top Drive	Tesco ECI 900 (900 hp, 500 Ton, electric)
Rotating Mousehole	Access Oil Tools Phantom

## Power Package

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Generators	3-Kato 1,204 kW powered by CAT-3512C
Control House	Omron 4 - SCR 3 -Gen

## Well Control

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Annular	no BOP or pressure control
Double Ram	
Single Ram	
Accumulator	
Choke Manifold	

## Mud System

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Mud Pump 1	Jieneng JF-1600 (1,600 hp) powered by 2-Yonge YZ08 traction motors
Mud Pump 2	HongHua HHF-1600 (1,600 hp) powered by 2-Yonge YZ08 traction motors
Mud Pits	2-pit system (1,000 bbl) with 8 agitators 120 bbl premix pit built into suction
Shale Shakers	2-Derrick FLC-504
Desander	Derrick (2- cones)
Desilter	Derrick (12 - cones)
Degasser	Brandt Atmospheric
Separator	5' x 16'
Trip Tank	120 barrels

## Structural

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Mast	ZYZJ 147' 700,000 pounds static hookload on 12 lines
Substructure	ZYZJ box on box 25' floor height

## Fluid Storage

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Diesel Tank	1-tank 18,800 gallon total capacity
Water Tank	2-tank 900 bbl total capacity

## Tubulars

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Drill Pipe	n/a
Drill Collars	NO PIPE

## Miscellaneous

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Rig Moving System	Unit Skidding System (400 ton)
BOP Handling System	
Pipe Spinner	Gray Mark 20
Air Compressor	2-Sullivan 50 DGH-TE/50 DG 50hp
Survey Instrument	Fivestar Surveyor wireline unit