

**Drawworks** The hoisting mechanism on a drilling rig. It is essentially a large winch that spools off or takes in the drilling line and thus raises or lowers the drill stem and bit. [Back to Glossary](#)

The drawworks is an important equipment of the hoisting system and the core equipment of a drilling rig. The working principle of the drilling drawworks mainly relies on the ...

The part of the drilling line running from the drawworks to the crown block is called fast line because it moves as the driller raises or lowers the traveling block greater velocity than any ...

Draw-works, also called drawworks, are hoisting equipment used specifically in the earth drilling industry. The main function of a draw-works is to raise and lower drilling equipment up and ...

The drawworks of the hoisting system is a winch that reels the drilling line in or out causing the traveling block to move up or down. The drawworks is the ...

The Drawworks is one of the most important components of the drilling rig (types of drilling rigs). The unit supplies the hoisting power, the ...

**Brief Introduction Drilling Drawworks** is the core part of Drilling Rig. it is used for operation of lifting or laying down mast, hoisting or descending drilling tools and casings. Gear driven drawworks ...

Our conventional, chain-driven drawworks are proven, reliable machines that set many standards in the drilling industry. The robust design and simplicity of ...

This document discusses efficiencies and factors that must be considered when sizing rig components for drilling operations. It defines transmission, drive, and hoisting efficiencies that ...

**Download pdf Details** The Bentec gear-driven drawworks were developed to provide the market with more reliable technology and more hoisting ...

1. n. [Drilling] The machine on the rig consisting of a large-diameter steel spool, brakes, a power source, and assorted auxiliary devices. The primary function of the drawworks is to reel out ...

**DRAWWORKS AUXILIARY BRAKE WHERE THEY ARE USED:** A Drawworks is used on all offshore drilling rigs and many land-based drilling rigs. The Drawworks is an integral part of the ...

See also strand(s). cores, 21 lay of wire rope, 24 patterns of construction, 21-23 diameter, wire-rope, 25-27,



# Drilling rig drawworks

32, 72 downhole assembly, suspension of, 6 drawworks brake, 5, 9, 18, 75 ...

A drawworks is the primary hoisting machinery component of a rotary drilling rig. Its main function is to provide a means of raising and lowering the traveling block.

#Rig\_Inspection\_WorkshopRig Drawworks Checklist : o Record the date of the last drawworks overhaul (API RP 7L Section 4.2).o Check the NDT inspection reports ...

Techniques of rig lubrication. Every place on the drawworks where metal rubs against metal needs lubrication. Good lubrication helps the equipment to last as long

This article will focus on block and drilling line calculations as block efficiency, drilling power input/output, etc. Additionally, there are some ...

ALTA Rig was founded in 2005, with the prime directive of building superior AC Drilling Drawworks and designing new technologies to aid our customers in ...



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