

As a key component of the drilling rig's hoisting system, the drawworks is responsible for managing the movement of heavy equipment, drill strings, and ...

**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](#)

See also strand(s). cores, 21 lay of wire rope, 24 patterns of construction, 21-23 diameter, wire-rope, 25-27, 32, 72 downhole assembly, suspension of, 6 drawworks brake, 5, 9, 18, 75 ...

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 and reel in the ...

What is a drawworks and its function for drilling operation? In oil and gas drilling, the drawworks stands out as a fundamental component, often ...

The DrawWorks drilling rig's lifting demand is fulfilled by the microgrid and battery storage system. Regenerative braking during the descent phase of the Drawworks lift enables ...

[Download pdf Details](#) The Bentec gear-driven drawworks were developed to provide the market with more reliable technology and more hoisting ...

The drawworks is a part of the system that rotary drilling rigs use for hoisting, or lifting, the drill stem and casing out of the hole. A compounding transmission, ...

Canrig® is a global supplier of rig technology used to enable safe, efficient and responsible drilling operations. Founded in 1995, Canrig is vertically integrated ...

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 ...

Our line of premier drilling drawworks models ranges from a 700-hp drawworks for mobile land rigs to a 9,000-hp active-heave drawworks for floating rigs.

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 ...

A drilling line is a high-strength wire rope connects the drawworks to the traveling block, playing a critical



## Drawworks in drilling rig

role in the process of raising and lowering the drill string and several ...

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

Wirth Drawworks HMH provides customized and integrated solutions for the onshore oil & gas and geothermal drilling markets. We design, manufacture, commission and service drilling ...

Our AC drawworks are available for mining or drilling applications, with single or multi-speed transmissions, various combinations of park and emergency braking, and customized gear ...

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 ...

A drawworks is a piece of heavy equipment used in the oil and gas industry for drilling applications. The variable frequency drive (VFD) is used to ...

#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 ...

The Commander(TM) Drawworks provides more than 50 design configurations, allowing customization of the number of motors and their power type, horsepower and layout, the ...



## Drawworks in drilling rig

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