



# Automatic drill pipe addition for water well drilling rig

What is a drillmax &#174; drill pipe?

DRILLMAX &#174; drill pipes accommodate different applications performed by water well drillers across the country. Designed as part of the whole system -- drill rig and tooling -- there are primary drill pipe sizes and drill pipe weights for each specific DRILLMAX &#174; water well rig.

What is an automated drill rig?

An automated drill rig (ADR) is a top in league automated full-sized walking land-based drill rig that drills long lateral sections in horizontal wells for the oil and gas industry. They are agile rigs with the potential to move fast to new well sites.

Can drill pipes be used on any rig?

However, the drill pipes are engineered to be able to be used on any rig in the DRILLMAX &#174; line. Higher-grade material for the mid-body strengthens drill pipes for increased durability. Engineers also added a stress-relief groove where pin end meets body of drill pipes for additional durability.

What is drilltronics&#174;?

DrillTronics&#174; is a unique drilling automation and safeguarding system that can boost the safety and efficiency of drilling operations in all scenarios. Embedded in the rig's Drilling Control System, DrillTronics can control swab and surge effects, manage pump startup, conduct automated friction tests and reciprocation.

How does a stinger pipe handling system benefit a drill rig?

The offline stand building cuts the drill string running time and that affects the overall cost of operating the rig. The Stinger pipe handling system also reduces the need for personnel on the drill floor by directly handling heavy objects keeping the work environment safe and secure.

How does the new pipe handling system work?

Our new pipe handling system allows to build up and rack back stands of drill pipe, drill collars and casing offline, while drilling. The theoretical comparison with the conventional approach of handling pipes emphasizes how offline stand building leads to 20% efficiency gains on tripping time and zeroes accidents on the drill floor.

The present disclosure relates generally to drilling systems, and more particularly to an automated system for adding and removing drill pipe segments to modify the length of a drill...

LS200H Hydraulic Water Well Drill LS200H Hydraulic Water Well Drilling Rig The LS200H is excellent for drilling applications that require the added power and ...



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This weight-to-weight connection time is typically used to measure the performance of an automated drilling process. In one case, a rig started to ...

Featuring the &quot;OTTO&quot; Automatic Drill Rod Loader OTTO is available on all of DeepRock's 10 foot rigs OTTO moves over to pick up a drill rod The OTTO ...

Leading the industry in rig automation, our control systems seamlessly integrate drilling equipment, improve performance, and boost drilling efficiency.

Portable water well drilling rigs for sale in Henan YG Machinery is a type of home water well drilling equipment, which can also be called folding water well ...

Truck mounted water well drilling rig is a self-contained drilling system mounted on a heavy-duty truck chassis. Unlike traditional stationary rigs, this configuration offers unparalleled mobility, ...

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Preferred Pump's Used Rig Marketplace is a great place to list your used water well equipment, drilling rigs, and pump hoists for sale.

A water well drilling rig is a specialized machine designed to create boreholes in the ground for accessing groundwater resources. These rigs play a pivotal role in various ...

Stinger is the next step, where industrial robotics meets experience and excellence in innovation and engineering. Our new pipe handling system allows to build up and rack back stands of drill ...

Water Well Drilling Machine For Sale YG series water well drilling machine is a light, efficient, and multifunctional water well drilling equipment. Powered by ...

Our complete portfolio drilling rig equipment includes top drives mud pumps, drawworks, iron roughnecks up to the latest innovative Stinger, for complex ...

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drilling rig has become the preferred equipment of many users because of its ...

Minimize your water well development time and site clean-up costs by casing holes quickly without drilling mud using sonic. With drill rig service shops in ...

Have you ever wondered how water wells are drilled? Drilling a water well is a fascinating and complex process that involves several steps ...

Deep experience and latest technologies are the basic elements for each water well drilling rig. o All drilling methods are available: - Air/mud circulation drilling - Down the hole hammer (DTHH) ...

When a drilling project involves large numbers of wells drilled through well-documented lithologies and pressure regimes, operators can capitalize on the repetitive nature ...

The tricone roller bit was invented by Hughes Tool Co. in 1908 and was the common drill bit used for oil well drilling at the time. Mud rotary drilling utilized a bentonite mud ...

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Outfit rig for air drilling or mud drilling when you choose the DM650. Rotary mud drilling or down the hole drilling for deeper wells and heavier steel.

Portable water well drilling rig are specialized machines engineered to bore holes into the earth to access underground water sources. Unlike larger industrial rigs these compact units are ...

The intelligent control system and the operation functions such as automatic inlet and outlet of the drill pipe, auto-matic inlet and outlet of the drill hole and automatic addition of liquid improve ...

The Jointed Pipe Injector Technology is the next generation solution for horizontal well operations. It allows for continuous running and retrieval of pipe into and ...

Spartan Drill Tools offers a full range of customized drill pipe, for all models of rigs, applications and terrains (see the rig list below). Spartan drill pipe and its ...

Water well drilling equipment, portable water well drilling, portable rigs, portable drilling rig, drill your own water well, home water well, drilling bits, drag bit, Do ...



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