



Walking drilling rig video

What is a 'walking' oil rig?

A 'walking' oil rig is a type of rig that can easily move from one well to the next, saving the operator the expensive and time-consuming process of disassembling and reassembling rig components.

What is a rig walking system?

Rig Walking Systems Overview - Columbia's rig walking systems provide essential support to the oil and gas industry by offering efficient and safe methods for relocating heavy drilling rigs. These systems improve operational flexibility, allowing rigs to be re-positioned without disassembly, minimizing downtime and boosting productivity.

How does a walking rig work?

Walking Cycle: Lift cylinders raise the rig, then travel cylinders push the substructure along the center plank on rollers. The lift cylinders then lower the load and the travel cylinders retract for another pushing cycle. Steering adjustments are made by hydraulic cylinders while the load is off the rollers.

What's it like working on a drilling rig?

Roughnecks get to work out in the elements, just like a roofer, and toiling on an drilling rig prepares you for alpine climbing with shifts that can run for days at a time. I once worked a week straight on a rig.

How much weight can a rig walking system move?

Columbia Industries offers a variety of rig walking system solutions capable of moving loads of up to 12 million pounds. To ensure our walking systems match your needs, we custom design each of our systems to meet the fabrication requirements of our customers' specific rig design criteria.

How does the Columbia Kodiak rig walking system work?

Designed to move rig substructures, the Columbia Kodiak Cub Rig Walking System utilizes Hilman rollers paired with oversized lift cylinders and a low-pressure hydraulic system to lift and move the entire substructure. With a customizable fit designed to connect externally to either slingshot or box-on-box subs, the Kodiak Cub can attach to any rig.

[Walking Rig Ram Actuator Drilling Rig Drone footage](#) [Frac Job Drone footage](#) [Drilling Rig Tour](#) [Horizontal Shale Drilling](#) [Horizontal Shale Drilling from Lee Novikoff on Vimeo](#)

Land rigs As mechanization made the hunt for hydrocarbons more efficient, it had a direct effect on land rig design. The first land rigs were permanent wooden structures and would be left in ...

At Columbia Industries, we're experts in walking Drilling Rig Systems and our Kodiak Cub Walking System can move drilling rig substructures.



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Roughnecks at work smoothly running a Kelly drive drilling rig exploring for oil. They're making a connection or "pipe stab" to continue drilling downward.

Watch King-Pin Video Download King-Pin Walking Foot PDF AN INDUSTRY STANDARD Installed on hundreds of drilling rigs, Entro Industries' King-Pin walkers set the industry ...

This is one of the best drilling 101 videos showing you drilling process from the beginning phase to plug and abandonment phase. Not only do you learn about drilling, this video briefly shows the overall field development phase. This video tends to focus on unconventional well. ...

Savanna Telescopic Double Drilling Rig 655E incorporates modern technology features for efficient, safe operations. The walking rig system eliminates the time and cost for a formal rig move ...

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Step into the future with H& P's Walking Rig - a hydraulic marvel sidestepping inefficiencies and paving the way for a new era in drilling. Watch this automated giant stride towards enhanced ...

STRIKER has developed and deployed our Well Runner(TM) walking system on multiple rigs. Currently in use on over 15 active rigs today, the development and deployment of this walking ...

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Our Columbia Rig Walking Systems allow operators to move a loaded rig - including full fluids, backload, and all tools - from well to well. This eliminates the need to rig down for each move, ...

The lift and slide system is operated by hydraulic cylinders to move the rig - including drill floor equipment and full setback -to the desired position step by ...

Step into the future with HelmerichPayneInc's Walking Rig - a hydraulic marvel sidestepping inefficiencies and paving the way for a new era in drilling. Watch this automated giant stride ...

Versatility and Compatibility Entro Pin-On Walkers take any of our walker designs and mount them inside of a customized jack frame. These jack frames are individually designed to fit the ...



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From the harsh desert landscapes to the cold arctic tundra and everywhere in between, we can provide a rig walking or moving system solution for your ...

Up to 6% cash back; Description: A Time-lapse of an Oilfield Drilling Rig being walked on a multi-well pad site.

The Littlefoot Rig Custom Walking System is a scalable-capacity drilling substructure and backyard moving system. The Littlefoot's innovative design ...

With the advent of horizontal drilling and the subsequent expansion of multi-well pad designs in conjunction with the effort to have environmentally friendly drilling programs, walking rigs have ...

Unconventional Hydrocarbons Extraction Process What is Geonavigation? Geonavigation is a well construction and optimization technique that integrates professionals from different ...

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This walking Drilling Rig Takes a fall After Hydraulic Failure For more oilfield videos- oilfield music-oil patch news and some really COOL oilfield products visit us at Roughneck City!

Benefits of technology [0008] Certain technical advantages of the present disclosure include a walking drilling rig that conveniently and efficiently walks from well to well to support a multi ...

The integrated lift and slide system is operated by hydraulic cylinders to move the rig and the full setback to the desired position. The Bentec Rig Walking System features a reliable and robust ...

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A series of hydraulic rams lifts and moves land-based rigs from one location to another, saving time and money over dismantling and reinstalling each rig. Walking rigs lift the ...



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