



# Engineering drilling rig tensioning anchor cable

The anchors in question were Vryhof's STEVSHARK &#174; REX drag embedment anchors, and were installed in preparation for the West Bollsta drilling rig. ...

The purpose of this manual is to provide the inspector and Engineer-In-Charge with a quick and easy-to-use set of inspection guidelines for the various aspects of tieback construction, ...

The cable anchor is an advanced reinforcement device used in the integration of passive systems to withstand higher loads. Anchors transfer the tensile stress to the soil to absorb stresses due ...

Post-Tensioning Systems: Post-tensioned anchors allow engineers to apply precise loads, improving performance and adaptability. Self-Drilling Anchors: These anchors ...

Proper Guy Line Tensioning is an important part of Stabilizing the rig. Since not everyone carries a tensiometer in their back pocket, the API RP4G committee ...

Product Overview The Molong Mining Anchor Cable Tensioning Machine MQ18 is a state-of-the-art, high-performance tool designed for tensioning anchor cables in mining and construction ...

SA-150Q crawler-type hydraulic anchor drilling rig is the professional soft soil foundation reinforcement equipment, mainly used for anchoring engineering, ...

Product Overview The Molong Mining Anchor Cable Tensioning Machine MQ29 is a high-efficiency, heavy-duty device designed for precise tensioning of anchor cables in mining and ...

Station keeping of floating facilities requires mooring lines that terminate at anchors located on or within the seabed. This article provides an ...

This method addresses challenges such as difficult drilling, incomplete borehole formation, or low drilling efficiency in complex soil conditions. Through extensive research, we ...

1. YDC Tension Hollow Hydraulic Jack is suitable for the tension of group anchors with 1860-2000 sizes, 15.24, 12.7 strands. 2. In some certain circumstance it can be used in the working of ...

The anchor cable tension is divided into two steps, the first tension is 70% of the total tension, and the interval between the two tension should not be less than 3-5 days.



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**Product Overview** The Molong Mining Anchor Cable Tensioning Equipment Tensioning Jack YDC22 Double Cylinder is a high-performance tool designed to meet the demands of mining ...

Installing anchors at an angle prevents landslides and improves ground resistance. Vertical anchors are generally prestressed and improve dams" rollover resistance, while reducing ...

Cable anchor drilling rigs play a critical role in slope stabilization by securing unstable terrain with high-tensile cables. The Top Drive Drilling Rig technology is often ...

**Installation Method:** Cable Anchor Bolts are installed by drilling a hole into the ground or rock, inserting the cable into the hole, and tensioning it using wedges or mechanical grips. The pre ...

The ZHENYOU Manual Anchor Cable Tensioning Machine MS22-400/63 offers 400KN of rated tensioning force for 21.8mm anchor cables. Ideal for construction, mining, and civil engineering ...

Slope stabilization is a critical component in geotechnical engineering aimed at preventing landslides, rockfalls, and other slope failures. Among various reinforcement ...

This article will introduce the construction process of prestressed anchor cables using down-the-hole hammer drilling with casing technology to ...

**Product Overview** The Golden Diamond Anchor Cable Tensioning Jack TQ19-400/63 is a highly efficient hydraulic tool designed for the precise and reliable tensioning of anchor cables. With a ...

7?The anchor cable should be placed to ensure that the grouting thickness of the anchor cable hole wall is not less than 1cm, the anchor cable should be placed flat and straight, and the ...

Mine support mechanisation projects prompted an investigation of load-bearing characteristics of grouted cable anchors. The investigation yielded novel test methods, improvements in cable ...

Our motion compensation systems compensate for the vertical movement of offshore drilling rigs by isolating motion from the drill string, preventing riser ...

The Golden Diamond Anchor Cable Tensioning Jack TQ15-300/63 is a high-performance hydraulic tool for precise cable tensioning in foundation, geotechnical, and infrastructure ...

One of the most effective structural solutions employed in slope engineering is the use of cable anchors. These tensioned reinforcement ...

The Cable Anchor Drilling Rig from RM Drilling Solutions offers unparalleled reliability and durability.



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Perfect for various drilling applications, this rig is trusted by leading manufacturers ...

(3) The anchor beam is the direct stress component of the tension of the anchor cable, so the pressure surface of the pad should be smooth and perpendicular to the axis direction of the ...

**Product Overview** The ZHENYOU Manual Anchor Cable Tensioning Machine MS18-400/63 is a versatile, high-performance tool designed for the precise tensioning of anchor cables in ...

The ZHENYOU Pneumatic Anchor Cable Tensioning Machine MQ22-400/63 (Type B) is a robust and highly efficient tool designed for precise tensioning of anchor cables. With a rated ...

Dowels or anchor bars generally consist of deformed steel bars which are grouted into the rock. Tensioning is not possible and the load in the dowels is generated by movements in the rock ...

The connection element consists of a steel anchor plate connected to the concrete wall by means of post-tensioning bars. The fairlead is welded to the anchor plate through the two vertical and ...

**Introduction** In modern geotechnical engineering, prestressed anchor cable construction is highly favored for its high stability and strong ...

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