



# Multi-boom rock drill operation instructions

What is a drill rig instruction manual?

81 This instruction manual is part of the complete delivery of the drill rig. It provides information on the design and operation of the drill rig and contains advice and the measures necessary to keep the rig operational. This instruction manual is no replacement for thorough training on the drill rig.

How do you drill a rock rig?

Levers on left control panel. Make sure that the engine speed is at least 1300 rpm. Charge the compressor, button (5). Set the rig in drilling position. Button (4). Lower the drill bit toward the rock. Set the desired drill depth in the F1 menu (B) and reset the depth meter (A). Lower the suction hood to the ground.

How do I set up a drill rig?

Set up the drill rig horizontally using the buttons Track oscillation (left, right) (21-24). Left control panel. Lower the jack (option) firmly on the ground without lifting the drill rig. Button (17). Lock the track oscillation cylinders. Button (25). Boom and feeder positioning.

What is a rock drill jumbo?

The strong feed allows the RD5 series rock drill to deliver optimal performance with a higher consumable life. Operators can use the jumbo for face, cross-cutting and bolt-hole drilling. The tunneling jumbo uses an 11 kW water booster pump for water-mist flushing, with a capacity of 200 l/min and a pressure of 10 - 15 bar.

How do I set up a boom system?

Position the boom system straight forward and as close to the rig as possible with vertical feed and feed extension max up. Then press Box 5. Position the boom system max left and as close to the rig as possible with vertical feed and feed extension max up. Then press Box 6. Now the boom system's coverage area can be seen on the screen.

How do you move a drill rig?

Pull up the drill rod and move the drill rig to the next hole or turn the boom to the next hole if it has sufficient reach. If the rig is moved, the aim device should be turned until it is aligned with the reference point. The instrument will then take the rig's new position into consideration to make the next hole parallel to the previous one.

The robust universal boom has a large optimum shaped coverage, 360° rotation and full automatic parallelism for fast and easy face drilling. The boom can also be used for cross ...

The aim of the instructions is to provide you with knowledge of how to use the rock drill in an efficient, safe way. The instructions also give you advice and tell you how to perform regular ...



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Sandvik DT621 is a compact two-boom jumbo for fast, accurate tunneling and cavern excavation. Equipped with RD520 rock drill, it supports face drilling, cross-cutting and bolt-hole drilling.

Sandvik RD520 rock drills deliver superior performance with high consumable lifetime. Sandvik SB150 universal booms have a large optimum shaped coverage and full automatic parallelism. ...

Instructions The YONDA rock drilling series drill arm set can be equipped with different power YONDA hydraulic rock drills according to the needs of drilling work, which is easy to install and ...

View and Download Epiroc FlexiROC T20 R operator instructions manual online. Drill rig. FlexiROC T20 R construction equipment pdf manual download.

DW2-180 Eagle arm full process double booms drilling jumbo is specially designed for multi-step synchronous and full-face excavation. The design of lengthened drill boom solves the defect ...

The Multi Boom Rock Face Drill Rigs market has experienced significant growth in recent years, driven primarily by increasing demands in the mining and construction sectors. ...

Sandvik DD311 is available in three different versions, including DD311D and DD311DE. It is a medium size, single-boom jumbo designed for fast and ...

This Manual provides the information of equipment layout, correct operation method, inspection/maintenance and control method so that the users of JD- 1400E have full ...

The driller is indicates where the center line meets the horizontal line marked for drilling of the "knee" holes. Knee holes are usually the easiest holes to collar and usually drill faster than ...

The document is an operator"s manual for a DD210L drilling machine. It begins with safety and environmental instructions that warn operators of hazards and ...

Our new Sandvik RDX5 rock drill now replaces the previous HLX5 model, capitalizing on the existing reliability and efficiency of its predecessor - whilst further improving/lowering operating ...

TECHNICAL SPECIFICATION Sandvik DT1331i is a computer-controlled three boom electro-hydraulic jumbo for fast and accurate drilling in tunneling and cavern excavations. Drill rig has ...

TECHNICAL SPECIFICATION Sandvik DD422iE is an intelligent control system based mining jumbo with electric driveline system for underground development drilling and small scale ...



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The modern, powerful hydraulic rock drill and the smooth drilling controls system allow high drilling performance with good drill steel economy and high machine reliability. The operating ...

The ZJ21 and ZJ21B share the bolter boom lift geometry for excellent coverage (up to 66 m<sup>2</sup>) and allows a drill steel of up to 16 feet to be used inside the 3 x 3 m tunnel dimensions.

With both one two booms, these rigs are trusted partners with components designed and built to last for your operations. The Boomer M1D and M2D face drilling rig places a strong emphasis ...

Drill the first drill steel with reduced drilling for at least half of the drill steel in order to minimize hole deflection at the start of the hole.

This instruction manual is part of the complete delivery of the drill rig. It provides information on the design and operation of the drill rig and contains advice and the measures necessary to ...

Drill jumbos are mechanized excavation machines used in underground works to drill blast holes in rock surfaces with accuracy and speed. Mounted on mobile carriers and ...

ping or falling down. Never use the Rock Drill in an explosive atmosphere and/or near combustible material that could be ignited by a spark. Provide adequate ventilation or approved NIOSH or ...

About the Safety and operating instructions The aim of the instructions is to provide you with knowledge of how to use the rock drill in an efficient, safe way. The instructions also give you ...

Face drilling rigs, commonly called "drill jumbo"s, are large, single or multi-boom machines used in underground hard-rock mines. Booms typically have six control axes to position and orient ...

Operation of this equipment presents a noise hazard noise level exceeds the allowable limits for or ear plugs which were fitted by a trained cause serious injury to personnel. Should a break ...



# Multi-boom instructions

rock

drill

operation

Web: <https://kwa-andries.co.za>