



# Three-arm rock drill 400bar pressure gauge

How many gauges should a drill rig have?

The gauges on your drill rig are there to help you monitor situations and adjust the parameters as needed. There should be a minimum of three gauges on a drill rig: water pressure, feed pressure and torque pressure. They are integrated onto the control panel. Water pressure

What is a drill bit pressure gauge?

This gauge represents the hydraulic force being exerted on the drill bit as it advances through the rock, usually in pounds per square inch (PSI). Unlike the other two gauges above, the driller is able to control the pressure instead of only monitoring it. This value comes from the cylinder or cylinders that push the bit into the ground.

What are the parameters of a drill rig?

Drilling parameters include the rate of penetration, the rotation speed, the water flow and the weight on bit (WOB) also known as feed pressure. All of these parameters work together to provide good performance. The gauges on your drill rig are there to help you monitor situations and adjust the parameters as needed.

What is a bar pressure gauge & how does it work?

This precision instrument is capable of providing readings in both bar and MPa, ensuring versatility for various applications. The gauge features a bicolored scale for easy reading and can display pressure up to a maximum of 400 bar/MPa.

Which hydraulic fluids are compatible with a pressure gauge?

Compatible with a range of hydraulic fluids including HLP, HFC, HFDR, HFDU, HETG, HEES, and HEPG, this pressure gauge is versatile enough to be used across various hydraulic applications without concern for fluid compatibility issues.

What is a feed pressure gauge?

Feed pressure This gauge represents the hydraulic force being exerted on the drill bit as it advances through the rock, usually in pounds per square inch (PSI). Unlike the other two gauges above, the driller is able to control the pressure instead of only monitoring it.

Product Description G1/4 BSP Male Pressure Gauge in Bar and PSI Graduations. Liquid filled gauges are ideal for hydraulic, chemical, petrochemical, ...

G3Z Three-Boom Tunneling Drill Rig is used for drilling and blasting drilling operations or bolt hole operations in large and medium-sized tunnels such as railways, highways, water conservancy, ...



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Typical applications for Ranger DX700 are road cutting, pipe-line drilling and foundation drilling, as well as production drilling in medium size quarries. Therefore Ranger DX700 is most often ...

The rig has a telescopic boom for fast hole spotting and set up of the feed. The cylinder feed for max. 6,1 m (20 ") starter rod for single pass drilling together with carousel type rod changer ...

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Pressure gauges are essential instruments in gas pipelines and gas systems for several important purposes: Monitoring Gas Pressure: Pressure gauges are ...

Understanding these vital readouts is key to success. Major gauges monitor hydraulic pressure/flow, engine health (oil pressure, temperature, RPM), drilling parameters (torque, ...

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Stainless Steel Pressure Gauge, Diameter / Size 63 mm, Range from 0 to 400 bar, Scale in, bar (outer) and PSI (inner), Stem Mounting, Process Connection G 1/4 BSPP

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Pressure Gauge with 63mm face and bottom mount with G1/4 connection, 400 BAR, 0-5,800PSI  
PROPERTIES: Connection: at bottom Connection 1: BSP cylindrical external threads ...

Rock Drills have the serial number stamped on the cylinder. PART NUMBER AND DESCRIPTION In addition to the Serial Number, always give the part number and description ...

Capsule pressure gauges are suitable for the smallest measuring ranges from 0 ... 2.5 mbar, diaphragm pressure gauges for high overload safety. Our shop portfolio in the area of pressure ...

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