



Dimensional stone drill rigs

What equipment is used in dimension stone mining?

Dimension stone mining involves the use of stone cutting machines, hydraulic rock drilling rigs and other equipment. This includes drilling granite and extracting marble, among other forms of rock excavation.

What is dimension stone mining?

Dimension stone mining refers to the process of extracting and cutting dimension stones such as granite and marble using various equipment like hydraulic rock drilling rigs, stone cutting machines, and other tools. Epiroc offers a wide variety of solutions for the dimension stone industry.

Which materials can Epiroc's drilling rigs handle?

Epiroc offers drilling rigs for granite, limestone, marble and sandstone. Over the last 20 years, global production of dimension stone has grown rapidly, especially for building projects where architects are making increasing use of the wide variety of colors, textures and finishes that natural stone can offer.

What size holes are used for DSI drilling?

Hole diameters used for DSI drilling are typically less than 45 mm, given that the purpose of the holes is to provide a line of weakness within the rock mass for splitting, rather than to hold explosives, as in conventional quarrying.

What is dimension stone?

Dimension stone is the name given to natural rock that has been quarried and shaped into certain dimensions. Dimension stone is separated by precise and gentle techniques such as sawing and precise drilling. Dimension stone is quarried by cutting, or separating by some other means, large blocks of stone from the natural rock mass.

How deep can a drill rig be drilled?

Single-pass hole drilling of up to 4 m is possible, while its maximum hole depth reach is again 9 m. The extending boom allows the drilling of parallel rows of holes along a bench from a single set-up, with the rig having a maximum surface coverage of nearly 260 m² without being moved.

SpeedROC 2F Reliable SpeedROC 2F is a productive drill rig for the dimension stone industry. It is highly productive thanks to its long reach ...

Learn how drilling rigs enhance precision and efficiency in dimensional stone quarries, optimizing productivity and reducing wastage.

Dimensional Stone Drill Rigs Market report is designed for foreign companies targeting Japan, local enterprises, investors, strategy consultants, trade bodies, and innovation ...



Dimensional stone drill rigs

Dimensional Stone Drill Rigs Market size was valued at USD 1.2 Billion in 2024 and is forecasted to grow at a CAGR of 6.

The Dimensional Stone Drill Rigs Market is driven by specific factors contributing to market growth, such as technological advancements, increased consumer demand, ...

The Dimensional Stone Drill Rigs Market exhibits notable regional diversity, shaped by differences in industrial development, innovation ecosystems, regulatory frameworks, and ...

Dimension stone mining means drilling granite, extraction of marble and other forms of rock excavation using stone cutting machines, hydraulic rock drilling rigs and other equipment. ...

Our intelligent surface drill rigs bring the latest technology to surface mining applications. Designed to work in the toughest operating conditions, our surface drill rigs combine power ...

Dimensional Stone Drill Rigs Market Impact of Environmental, Social, and Governance (ESG) The global Dimensional Stone Drill Rigs market was valued at ...

Ranger DQ500 is a hydraulic surface drilling rig with a ROPS and FOPS-certified cabin, radio remote control and rod handling system. It is designed for pilot ...

Dimensional stone drilling needs reliable and precise rock drills. Doofor rock drills are valued and relied on globally among users in this area. The object of rock ...

SpeedROC 3F Drilling rig for granite, limestone, marble, and sandstone in the dimension stone quarrying industry. Drilling method: Tophammer Rock drill/ DTH hammer size: COP DS5 Hole ...

We provide world leading products and services for the extraction of marble, granite, limestone and sandstone. Browse our ranges of dimension stone drilling rigs and cutting machines.

Sandvik rock drilling equipment is renowned for quality, reliability and high productivity. Every machine we make is designed to give the lowest possible cost per meter drilled and a low ...

SANDVIK Ranger DQ500 dimensional stone drill rig Product performance introduction,SANDVIK Surface Drill Rigs How much is it? Where to buy ...

Here you will find everything you need about the dimension stone industry, methods for obtaining blocks, uses of natural stone and much more. ...

The Dimensional Stone Drill Rigs Market, valued at 8.39 Bn in 2025, is expected to grow at a CAGR of



Dimensional stone drill rigs

14.22% from 2026 to 2033, reaching 18.63 Bn by 2033. This growth ...

SpeedROC 2F Surface drill rig for marble, granite, sandstone and limestone in the dimension stone industry
Drilling method: Tophammer Rock drill/ DTH hammer size: DF 500X ; DF 530X ...

The global dimensional stone drill rig market is experiencing robust growth, driven by the increasing demand for dimensional stone in construction and infrastructure projects worldwide. ...

Learn more about Market Research Intellect's Dimensional Stone Drill Rigs Market Report, valued at USD 450 million in 2024, and set to grow to USD 650 million by 2033 with a ...

Surface drill rigs Discover our wide range of surface drilling equipment within mining, quarrying, construction, civil engineering and the dimension stone industry.

SANDVIK Ranger DQ500 dimensional stone drill rig Product performance introduction,SANDVIK Surface Drill Rigs How much is it? Where to buy SANDVIK Surface Drill Rigs,Where can I ...

This page provides you with SANDVIK Ranger DQ500 dimensional stone drill rig parameters, prices, pictures and other information. It is the main website for your SANDVIK Ranger DQ500 ...

Dimensional stone The object of rock extraction and cutting at a quarry goal is to extract large, intact stone blocks for production. Hydraulic rock drills are used ...

The Dimensional Stone Drill Rigs Market shows dynamic regional growth across Europe, Asia-Pacific, and North America, driven by diverse industrial advancements, ...

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



Dimensional stone drill rigs