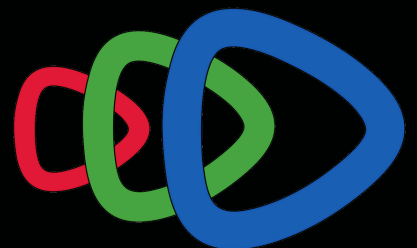




GRANITE QUARRYING

BLOCKS OF PURPOSE



QUALCON

TANZANIA



QUALITY & PERFECTION

AN ESTABLISHED GRANITE BLOCKS EXTRACTION AND SUPPLY COMPANY HAVING ONE OF THE LARGEST RESERVES IN TANZANIA. WE HAVE A FAR SPREAD CLIENTELE WITH A GREAT GLOBAL REACH



INFRASTRUCTURE

Our quarries are located in a region of abundance with state of art facilities, and Italian machineries to provide best in class quality and precision. With great combination of our machinery and working team no challenge seems bigger to us. We have executed various challenging projects with help of built Infrastructure and a skilled workforce.

With meticulous planning in the extraction of raw material and strict inspection up to finishing has made our material most sought globally in China, India, Vietnam, Egypt, Europe and Middle East Countries. Our mines have the capacity to generate a continuous supply of excellent quality granite blocks which meets the quality requirements of buyers in the international granite market.

THE PROCESS



Extraction (more commonly referred to as quarrying) consists of removing blocks or pieces of stone from an identified and unearthed geologic deposit.

ACCESS TO BLOCK AND REMOVAL OF EARTH LAYER

Gaining access to the granite deposit is the first step to this process. This is achieved by removing the layer of earth, vegetation, and rock unsuitable for product with heavy equipment and transferring to onsite storage for potential use in later reclamation of the site. After the face of the granite is exposed, the stone is removed from the quarry in benches, usually 8 to 12 feet square extending 20 feet or more using a variety of techniques suitable to the geology and characteristics of the granite deposit.

THE PROCESS



EXTRACTION

Quarrying operations typically include the drilling of holes along the perimeter of the bench, followed by either cutting the stone out of the deposit using saws equipped with diamond wire, or by splitting the stone using hydraulic splitters or small explosive charges. Once the bench is cut or split loose from the deposit, heavy equipment is used to lift the granite bench and transfer it to an inspection area for quality and size specifications.

THE PROCESS

QUALITY CHECK AND EVALUATION

Every block that meets the size requirement is then thoroughly checked for quality specifications. We have the most experience personnel including the directors, visiting the quarry and inspecting blocks that will be further dressed and processed. The blocks are checked for cracks, fissures, color pattern and other variations that help in ensuring the best blocks are selected and further moved to dressing. Three one out of every ten blocks are selected ensuring we only select the most premium blocks and are then processed ahead for dressing.



UN-DRESSED BLOCK



THE PROCESS



DRESSING OF BLOCKS

The first step of the process is a primary cutting or shaping of the material. This is typically accomplished for granite using a diamond wire-saw or a single blade dresser, followed by matting and re-evaluation of blocks. Every 2-3 hours the machine and the block is observed and re-adjusted, if needed to ensure a steady and straight cut for the blocks.



DRESSED BLOCKS



THE PRODUCT



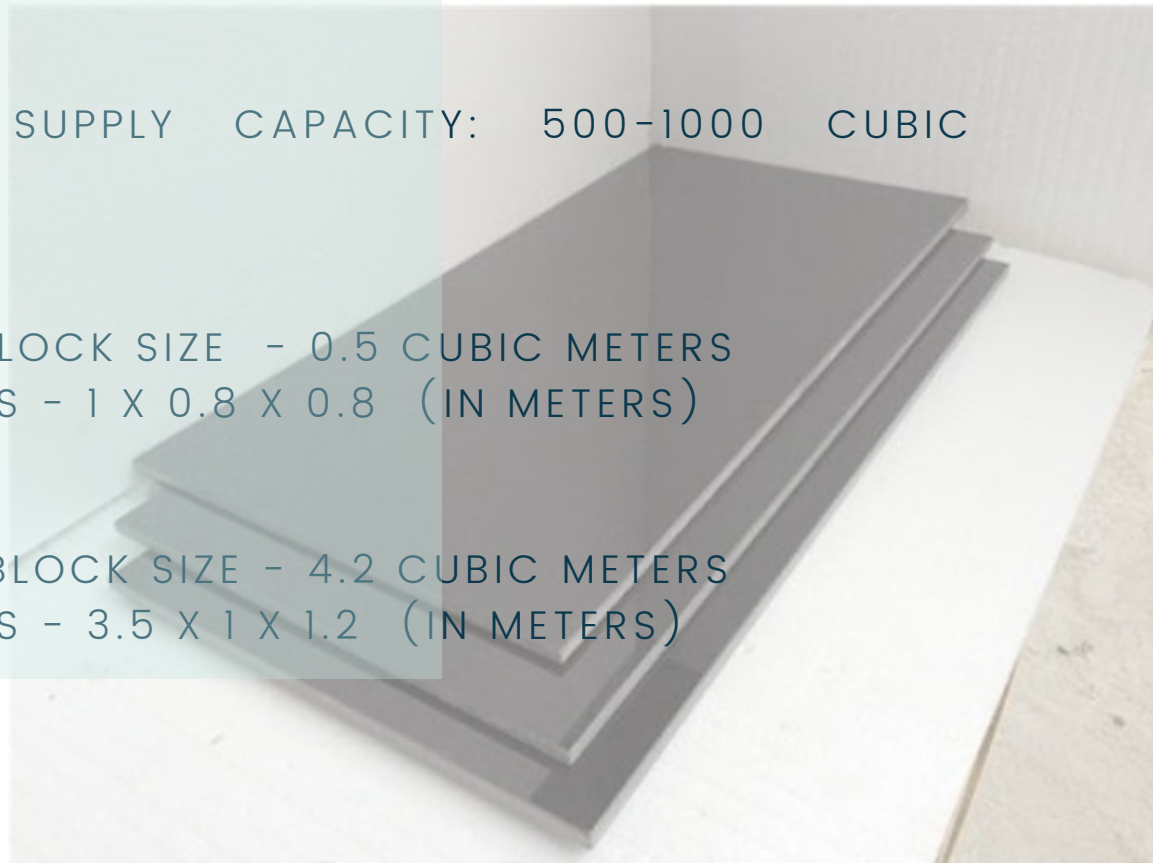
PRODUCT: BLACK GRANITE BLOCKS (EQUIVALENT TO SHANXI BLACK - CHINA)

QUALITY: EXPORT QUALITY FOR MONUMENTS

MONTHLY SUPPLY CAPACITY: 500-1000 CUBIC METERS

MINIMUM BLOCK SIZE - 0.5 CUBIC METERS
DIMENSIONS - 1 X 0.8 X 0.8 (IN METERS)

MAXIMUM BLOCK SIZE - 4.2 CUBIC METERS
DIMENSIONS - 3.5 X 1 X 1.2 (IN METERS)



END USE

QUALCON has perfected the extraction and processing of granite blocks. The raw materials are procured from the quarry and then transported to our unit in the form of blocks. Each block is then subjected to rigorous scrutiny by the Quality Analysis team, which checks for defects, and allows only the best granite blocks to proceed for further processing in the Unit.

QUALCON'S uncompromising adherence to the highest standards of quality begins right from sourcing the best materials in achieving the finest finished product through a rigid and uncompromising Quality Control regimen that is implemented from start to finish.

The blocks, post scrutiny are dressed and then exported to our global reach and used to manufacture high quality slabs and monuments. They can be customized to any design, or requirement based on region, nationality or end use such as traditional or modern grave monument designs



END USE - MONUMENTS



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