

ABOUT US

NEAR 50 YEARS OF OVERALL EXPERIENCE IN THE SECTOR OF HIGH PRECISION GRANITE.

Founded in 1998 by Graziano Zali, our company is a benchmark in the precision granite sector, ensuring high-quality products and tailored solutions for every customer, with a constant focus on innovation and the needs of a dynamic and ever-evolving market.

MARKET SECTORS

- Metrology and Measuring Machines;
- Machine Tools;
- Micromachining and Photonic;
- Electronics and Semiconductors;
- Research Centers and Universities.

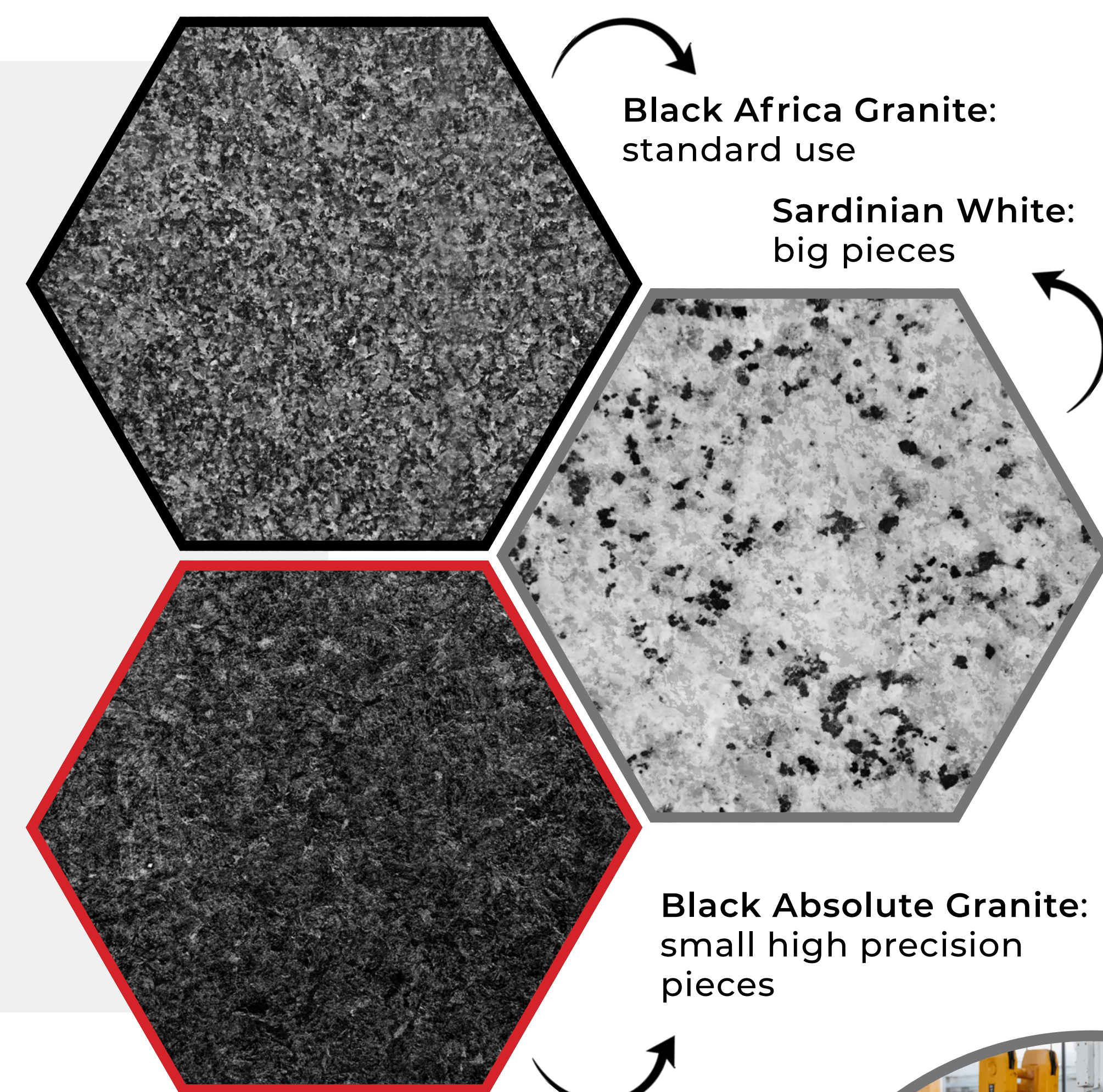


THE GRANITE

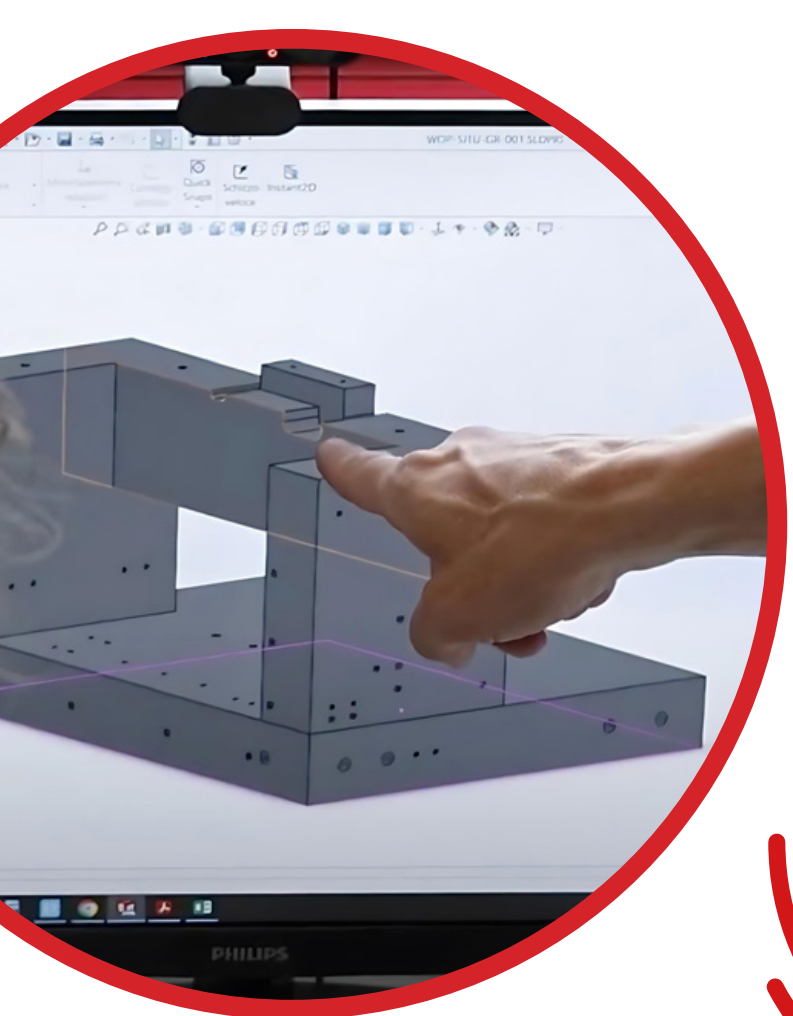
Granite is a sustainable high-performance material ideal for use as base for the world's most accurate machine tools, scientific and measuring instruments.

MAIN INTERESTING PROPERTIES:

- **High Precision:** in the μm (micrometer) range
- **Dimensional Stability:** naturally aged material free of tension
- **Thermal Stability:** low linear expansion and conductivity
- **Dynamic Stability:** good damping characteristics and thanks to its characteristics Granite structures do not present resonances at low frequency
- **Resistance to Environmental Agents:** resistance to oxidation and to acids and no corrosion (no surface treatments needed)
- **Durable Material:** high wear resistance and high level of hardness
- **Inert Material:** low magnetic susceptibility and low electrical conductivity



PRODUCTION, ASSEMBLY AND TEST: MANUFACTORY CYCLES



1. FEASIBILITY ANALYSIS AND CUSTOMERS HELP:
choice of material, thickness, machining, geometrical and dimensional tolerances, ecc.

2. QUOTATION:
cost and delivery time

3. CUSTOMER ORDER AND OFFICIAL DRAWINGS:
Purchasing of raw Granite parts and mechanical components

4. MACHINING OF GRANITE PARTS: roughing operation, milling, grinding, drilling and manual lapping

5. QUALITY CONTROLS
metrology room

6. ASSEMBLY: precision assembly department

7. FAT: Factory Acceptance Test also with Customers delegate

8. PACKAGING

9. SHIPMENT



BIG SCIENCE MARKET EXPERIENCES

