



The testify of Antolini Luigi & C.S.p.A

Innovation and respect for nature: the granite cutting industry needs courage to accept to be challenged by concepts necessary today to the growth of every activity. Milgrandi S.p.A. answered this need with Abrasivi Metallici and W Abrasives steel grits, thanks to the co-operation and interest of Antolini Luigi & C. S.p.A..

COSMOS came to the assistance of the gang saw mixture control system: thanks to this special fine steel grit, small machinery and specific technical assistance, it helped to reduce the distance between blades, so that more granite slabs can be obtained from the same meter of stone.

- A major innovation, which is not invasive for the saw-mill, that offers more profit without big investments.
- An innovation that arose from co-operation between technicians from Winoa - the world's biggest producer of steel grit - and the staff that have been using this grit in the saw-mill for years.
- As testified by Daniele Fraccaroli, Technical Manager who believed in COSMOS first.

wabrasives.com



W Abrasives
your key success factor

Why does the COSMOS system represent an innovation in granite sawing for Antolini Luigi & C. S.p.A.?

COSMOS allowed us to integrate a new cutting system into the saw-mill that would not increase the work load and would optimize the machinery at a time when gang saw technology is mature. Grit has developed technologically, and it permits further earnings thanks to reductions in the cost of raw materials.

Today 3 systems operate in two different saw-mills at Antolini Luigi & C. S.p.A.. What are the advantages you have found?

First of all a better yield in terms of m² for every m³ of granite sawn: in practice, doing the same work and sawing the same block volume, you obtain about two slabs more (2cm) for each linear metre of stone. This is a great advantage, especially with high value granites such as the ones we saw.

Did you make savings on your cutting costs?

The whole cutting method is optimized: friction levels are lower when using a fine grit, thus saving electrical energy as a consequence; there is less sawn granite waste to be eliminated, resulting in lower waste disposal costs. This makes COSMOS an ecological and environmentally friendly system. You obtain a reduction in blade consumption: you sometimes make an additional cut before disposing of them. Even grit consumption is lower.

COSMOS today represents an opportunity to innovate for all granite saw-mills that are respectful of the environment and eager to improve their competitiveness, while increasing profits and efficiency at the same time.

