



STONE DIAMOND TOOLS FOR THE STONE INDUSTRY

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A Company of the SWAROVSKI Group

TYROLIT



TYROLIT YOUR PARTNER IN THE STONE INDUSTRY

TYROLIT provides a vast range of technically outstanding diamond tools for working natural stone, ceramics and glass. Years of experience combined with continuous innovation, top quality standards and individual application advice has enabled TYROLIT to establish itself as a leading partner worldwide in these industry sectors.

Ready to face the 21st century

Our product range is currently the most comprehensive in the market. We provide tools for the quarrying and processing of marble and granite and for the processing of engineered stone. TYROLIT produces diamond wire for quarry and stationary machines; circular blades and gang saw blades for block cutting machines; tools for surface calibration, grinding and polishing; cutting discs, edging tools, drills, and more for any stone fabrication need.

In collaboration with machine manufacturers, TYROLIT is continually developing new technological systems for the 21st century.

QUARRYING AND BLOCK PROCESSING WITH DIAMOND WIRE



QUARRY WIRE

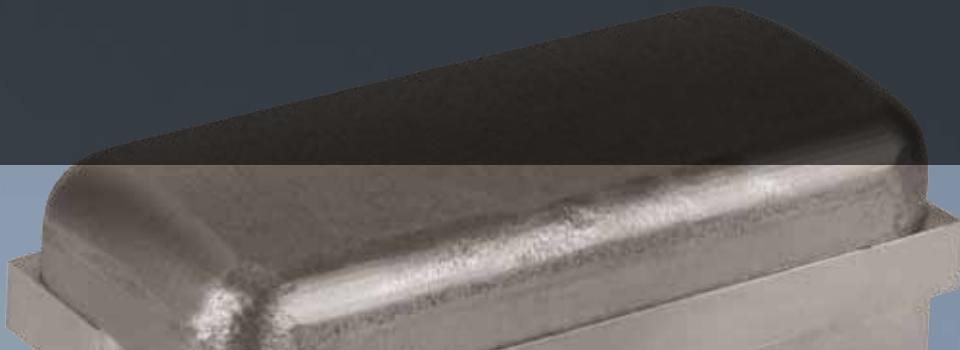
- Diamond wire assembled with rubber, plastic or springs to cut granite, marble and other natural stones
- Filo diamantato gommato, plastificato o a molle per il taglio in cava di granito, marmo e altre pietre naturali
- Câble diamanté vulcanisé, plastifié ou à ressorts pour le sciage du granit, marbre et autres pierres naturelles



STATIONARY WIRE

- Plastic assembled diamond wire – with or without springs – to cut granite, marble and other natural stones on stationary single or multi wire machines
- Filo diamantato plastificato – con o senza molle – per il taglio di granito, marmo e altre pietre naturali con macchine stazionarie monofilo e multifilo
- Câble diamanté plastifié – avec ou sans ressorts – pour le sciage du granit, marbre et autres pierres naturelles avec machines stationnaires, monofil et multifils





BLOCK PROCESSING

CUTTING OF BLOCKS INTO SLABS AND STRIPS; CALIBRATION AND POLISHING OF THE RESULTING SURFACES



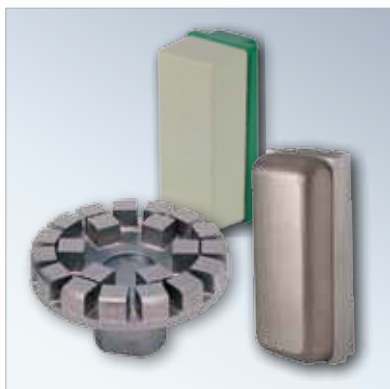
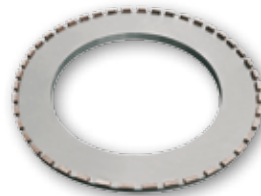
BLOCK CUTTING

- Circular blades for block cutting machines with single or multiple discs suitable for granite, marble or other natural stones | Gang saw blades for marble, limestones and sandstones
- Dischi diamantati per macchine tagliablocchi con disco singolo o multidisco adatti per il taglio di granito, marmo e altre pietre naturali | Lame diamantate per il taglio a telaio di marmi, pietre calcaree e arenarie
- Disques diamantés pour machines découpeuse à blocs avec disque ou multidisques adaptés pour le sciage du granit, marbre ou autres pierres naturelles | Lames d'armures diamantées pour le sciage des marbres, pierres calcaires et arénaires



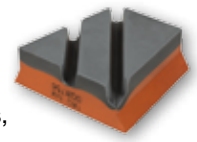
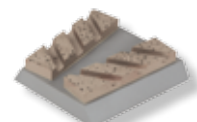
SURFACE CALIBRATION

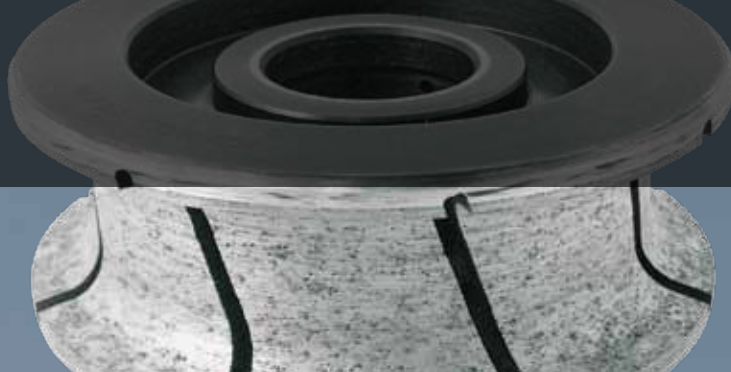
- Calibrating rollers for processing the surface of granite, hard stone and engineered stone | Calibrating plates for the processing of marble tiles
- Rulli calibratori per la rettifica superficiale di granito e altre pietre dure e agglomerati | Piatti calibratori per la rettifica delle filagne di marmo
- Rouleaux calibreurs pour la rectification des surfaces en granit, autres pierres dures et agglomérés | Plateaux calibreurs pour la rectification des carreaux en marbres



SURFACE GRINDING AND POLISHING

- Cylindrical rollers, frontal wheels, metal and resin bond oscillating segments and Frankfurts for the processing of granite, engineered stone and marble
- Rulli cilindrici, mole satellitari, settori oscillanti e Frankfurts in legante metallico e resinoide per la levigatura e lucidatura del granito, agglomerati e marmi
- Rouleaux cylindriques, meules satellites, segments oscillants en liant métallique et en résine pour le polissage et lissage des granits, agglomérés et marbres





SLAB PROCESSING

CUTTING SLABS TO SIZE; EDGE GRINDING AND PROFILING;
DRILLING



SLAB CUTTING



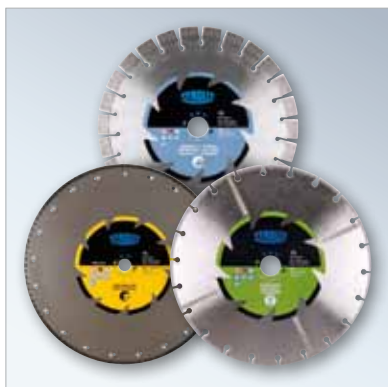
- Bridge saw cutting blades for granite, marble and other natural and engineered stones
- Dischi diamantati per il taglio con frese a ponte di granito, marmo e altre pietre naturali
- Disques diamantés pour le sciage sur machines à pont des granits, marbres et autres pierres naturelles



EDGE PROCESSING



- Tools for straight edge and CNC machines in metal or resin bond, suitable for granite, marble and engineered stone
- Utensili per macchine lucidacoste rettilinee e macchine CNC; legante metallico o in resina per la lavorazione di granito, marmi e pietre agglomerate
- Pour machines à champs et CNC, outils métalliques ou en résine pour le façonnage des granits, marbres et agglomérés



OTHER FABRICATION TOOLS



- Dry cutting blades, drills, grinding cups and other fabrication tools for working granite, marble and other natural and engineered stone
- Dischi diamantati per uso a secco, foretti, tazze per levigatura e altri utensili per la lavorazione e rifinitura di pezzi speciali di granito, marmo e altre pietre naturali o agglomerate
- Disques diamantés pour sciage à sec, forets, meules boisseau et autres outils pour l'élaboration et façonnage de pièces spéciales en granit, marbre, autres pierres naturelles et agglomérés



APPLICATION ENGINEERING

EXPERT SOLUTIONS

Successful companies not only expect excellent products from their suppliers, but also process know-how to support their individual requirements.

The production and supply of top quality tools is in itself no longer sufficient. With our team of product application engineers, we are able to provide our customers with complete solutions in line with their demanding technical and economical expectations.



Clarify the task

We place great emphasis on knowing the needs of our customers. A requirements profile which takes technological and profitability aspects into account is drawn up with each customer.



Define the concept

The team of experienced product managers defines approaches to the solution, assisted by our specialists from R & D who continuously work on improving product performance in various applications.



Realize the solution

The application engineer then ensures that the new grinding/cutting solution meets the customer's requirements.



Enhance know-how

The continuous development of our expertise in the field of innovative diamond tools is crucial to successful cooperation with our customers.

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