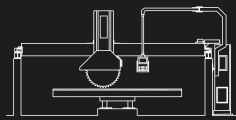




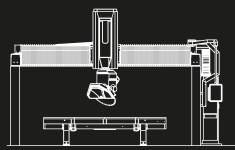
EXPERIENCE & QUALITY

TBM 1600

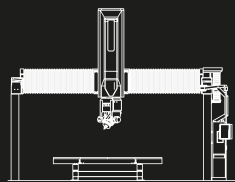
4 COLUMN MARBLE SINGLE OR DOUBLE DISK BLOCK CUTTER / *TAGLIABLOCCHI A 4 COLONNE DA MARMO*



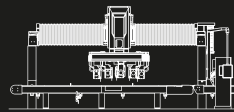
BRIDGE SAWING MACHINES
SEGATRICI A PONTE



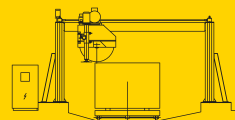
5-AXIS SAWING MACHINES
FRESE 5 ASSI



5-AXIS SHAPING MACHINES
SAGOMATRICI 5 ASSI



CUTTING CENTER MACHINES
CENTRI DI TAGLIO



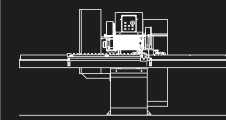
BLOCK CUTTER
TAGLIABLOCCHI



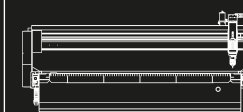
EDGE POLISHER / *LUCIDACOSTE*



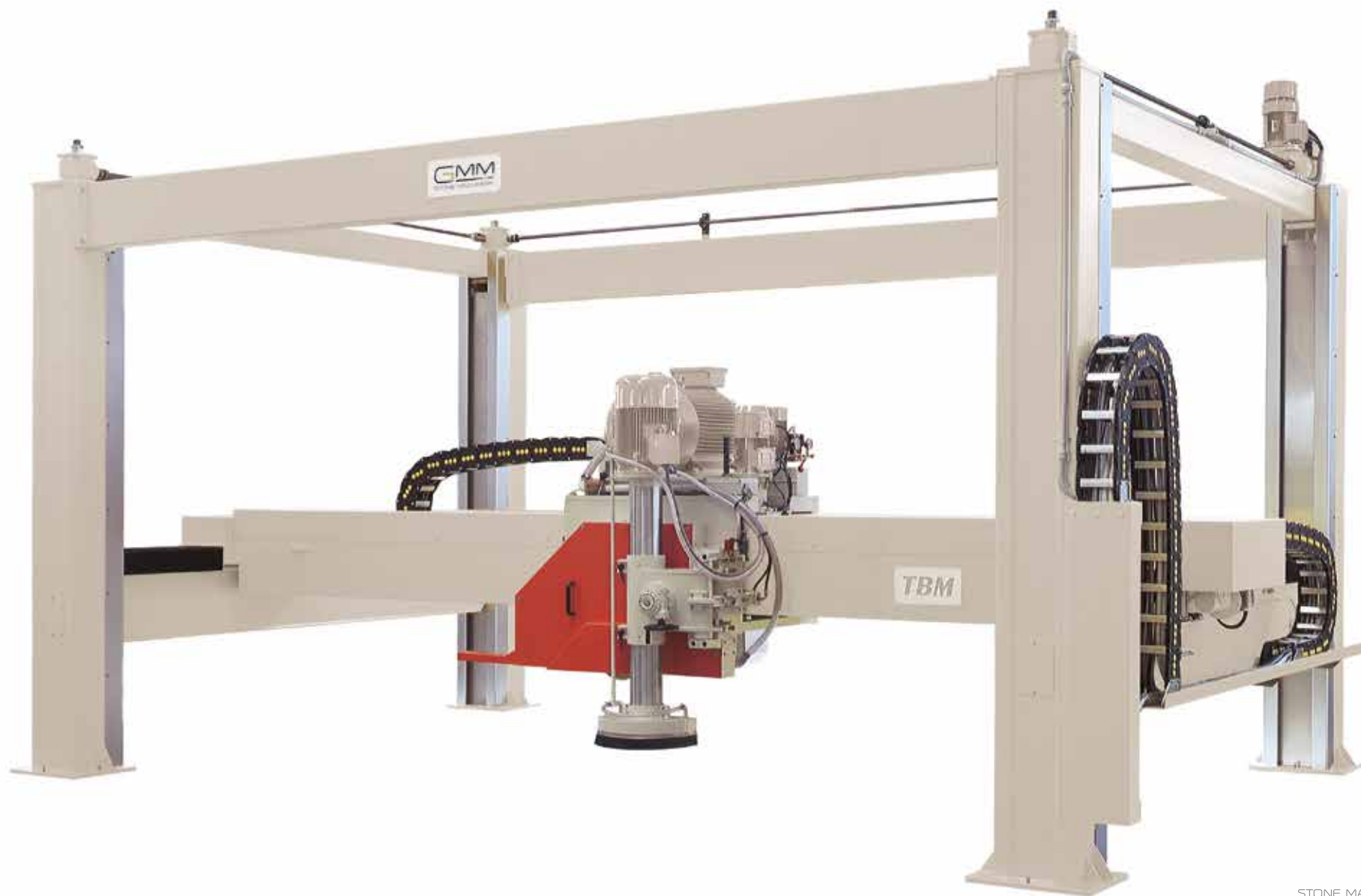
CALIBRATING AND POLISHING MACHINES
CALIBRATRICI-LUCIDATRICI



LINES AND
COMPLEMENTARY MACHINERY
*LINEE E MACCHINARI
COMPLEMENTARI*



WATER JET





4 column marble single or double disk block cutter

- Load-bearing structure composed of four vertical columns joined together by crossbeams. Bridge-trolley unit lifted by means of four screws guided by sliders with slide blocks made of anti-friction material; the entire unit is protected by a stainless steel guard. Vertical movement is performed by means of a self-braking gearmotor driven by inverter.
- Large-sized shoulders with milled surfaces and hardened steel interchangeable tracks on which the disc-carrying bridge-trolley unit slides. Sliding takes place on roller cages in oil bath protected by PVC bellows.
- The overhead bridge unit with a robust electro-welded steel structure in which two V-shaped guides have been formed for the trolley to slide on. A self-braking gearmotor driven by inverter is used to drive the trolley, fitted with a braking device positioned on the opposite side to the gearmotor to guarantee its correct and stable positioning during cutting. A rack and pinion with slanting teeth and corresponding inverter-driven gearmotor are used to translate the overhead bridge unit.
- Disc-carrying trolley sliding on broad cross-section cast iron prismatic slide blocks in oil bath protected by special guards.
- Movement is performed by means of a rack and pinion with slanting teeth and corresponding inverter-driven gearmotor.
- 110 mm disc shaft, for the use of 1 1600 mm diameter discs.
- To guarantee a long service life and maximum resistance to corrosion, all the surfaces have been sand-blasted, galvanised and carefully painted with dual component epoxy paints.



Tagliablocchi a 4 colonne da marmo

- *Struttura portante costituita da quattro colonne verticali unite tra loro da traverse. Gruppo carrello-ponte sollevato mediante quattro viti guidate da corsoi con pattini in materiale antifrizione; l'intero gruppo è protetto da carter in acciaio inox.*
- *Movimento verticale a mezzo motoriduttore autofrenante azionato da inverter.*
- *Spalle ampiamente dimensionate con piano fresato e piste intercambiabili in acciaio temperato sulle quali scorre il gruppo ponte-carrello portadisco. Lo scorrimento avviene su gabbie a rulli in bagno d'olio protette da soffiotti in PVC.*
- *Ponte in robusta carpenteria d'acciaio elettrosaldato, dove sono ricavate le due guide a "V" per lo scorrimento del carrello. La movimentazione è ottenuta mediante motoriduttore autofrenante azionato da inverter, dotato di dispositivo di frenatura posizionato sul lato opposto del motoriduttore per garantire il corretto stazionamento durante la fase di taglio. Traslazione ponte tramite pignone e cremagliera con denti inclinati e relativo motoriduttore azionato da inverter.*
- *Carrello portadisco scorrevole su pattini prismatici in ghisa di ampia sezione, in bagno d'olio e protetti da speciali carter.*
- *Il movimento avviene mediante pignone e cremagliera a denti inclinati e relativo motoriduttore azionato da inverter.*
- *Albero portadischi 110 mm, per l'utilizzo di 1 disco diametro 1600 mm.*
- *Per garantire la durata nel tempo e la massima resistenza alla corrosione tutte le superfici sono sottoposte ad un trattamento di sabbiatura, zincatura ed accurata verniciatura epossidica a due componenti.*



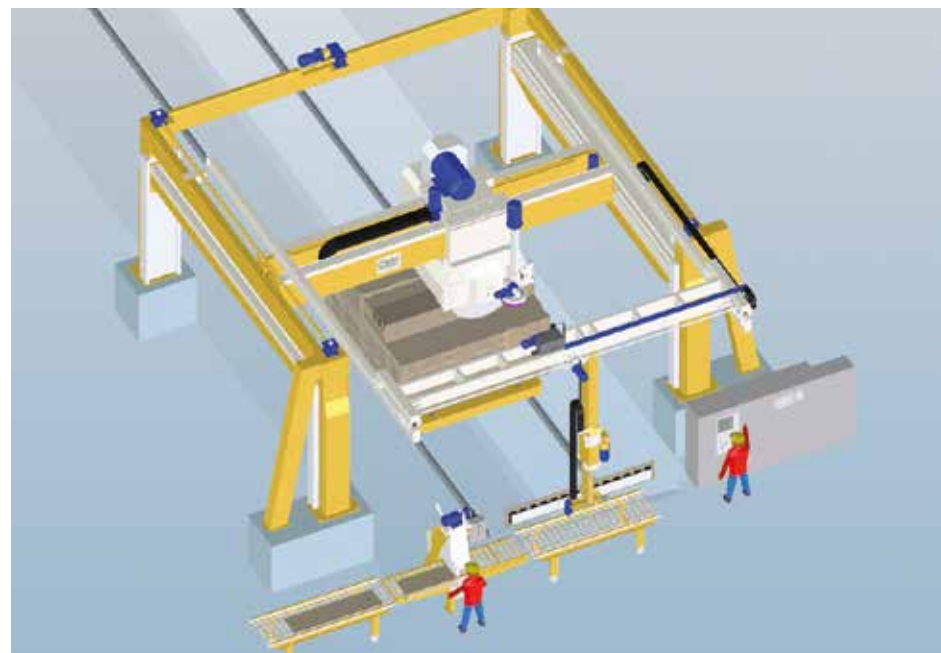
Corta bloques para mármol, a cuatro columnas

- *Estructura de soporte compuesta por cuatro columnas verticales unidas entre ellas con travesaños. Grupo carro-puente levantado a través de cuatro tornillos guiados por deslizadores con patines en material antifricción; el grupo entero está protegido por carter en acero inoxidable.*
- *Movimiento vertical por medio de motorreductor de autofrenado accionado por inverter.*
- *Hombros ampliamente dimensionados con plano cepillado y pistas intercambiables en acero templado sobre las cuales se desliza el grupo carro-puente porta disco. El deslizamiento se realiza sobre jaulas a rodillos en baño de aceite protegidas por guardapolvos en PVC.*
- *Puente en robusta estructura de acero electrosoldado, donde están alojadas las dos guías en "V" para el deslizamiento del carro. Los movimientos se obtienen a través de motorreductor de autofrenado accionado por inverter, dotado de dispositivo de frenado posicionado sobre el lado opuesto del motorreductor para garantizar el correcto estacionamiento durante la fase de corte. Traslación del puente a través de piñón y cremallera con dientes inclinados y correspondiente motorreductor accionado por inverter.*
- *Carro porta disco deslizante sobre patines prismáticos en acero fundido de sección amplia, en baño de aceite y protegidos por carter especial*
- *El movimiento se realiza a través de piñón y cremallera a dientes inclinados y motorreductor correspondiente accionado por inverter.*
- *Árbol portadisques 110 mm, para el uso de un disco diámetro 1600 mm.*
- *Para garantizar la duración en el tiempo y la máxima resistencia a la corrosión todas las superficies han sido tratadas con sandblasteado, galvanizado y cuidadosa pintura epóxica a dos componentes.*

TECHNICAL DATA / DATI TECNICI

	TBM 1 disc / disco
MIN./MAX. DIAMETER OF VERTICAL DISCS DIAMETRO MIN/MAX DISCHI VERTICALI	1000-1600 mm
VERTICAL DISC MOTOR POWER RATING POTENZA MOTORE DISCHI VERTICALI	132/180 (160/220) kw/hp
MAX. NO. Ø 1600 mm DISCS NR MASSIMO DISCHI Ø 1600 mm	2
DIAMETER OF DISC-CARRYING SHAFT DIAMETRO ALBERO PORTADISCHI	110 mm
DIAMETER OF VERTICAL DISC-LOCKING FLANGES DIAMETRO FLANGE BLOCCAGGIO DISCHI VERTICALI	370 mm
MAX. DEPTH OF VERTICAL CUTTING PROFONDITÀ MAX DI TAGLIO VERTICALE	610 mm
DIAMETER OF HORIZONTAL DISC DIAMETRO DISCO ORIZZONTALE	500 mm
HORIZONTAL DISC MOTOR POWER RATING POTENZA MOTORE DISCO ORIZZONTALE	18,5/22 kw/hp
MIN./MAX. TROLLEY SPEED VELOCITÀ SPOSTAMENTO CARRELLO MIN/MAX	0,5÷18 mt/min
WEIGHT PESO	14000 kg
EXTERNAL LENGTH LUNGHEZZA ESTERNA	8730 mm
EXTERNAL WIDTH LARGHEZZA ESTERNA	5120 mm
OVERALL HEIGHT ALTEZZA TOTALE	5800 mm

(2 discs / dischi)



Programming and control unit
Unità di programmazione e controllo

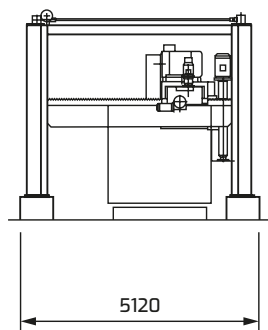
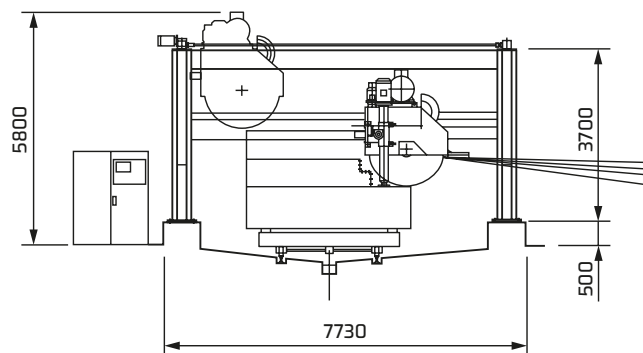


TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

POWER & CONTROL

TBM 1600





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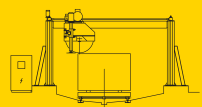
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BLOCK CUTTER / TAGLIABLOCCHI

Cube M 1600 | Quadra G15 1600 | Quadra G32 1600 | Mammuto 50 | Mammuto 75 | Giga 3500

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