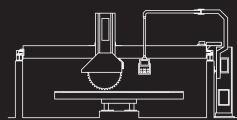


**GMM**  
STONE MACHINERY

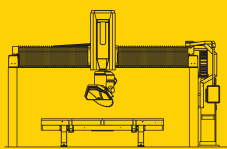
POWER & CONTROL

# Extra 37 CN2

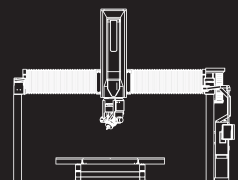
MONOBLOCK CNC 5-AXIS SAWING MACHINE / FRESA A PONTE MONOBLOCCO CNC 5 ASSI



BRIDGE SAWING MACHINES  
SEGATRICI A PONTE



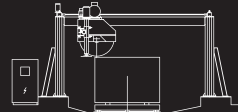
5-AXIS SAWING MACHINES  
FRESE 5 ASSI



5-AXIS SHAPING MACHINES  
SAGOMATRICI 5 ASSI



CUTTING CENTER MACHINES  
CENTRI DI TAGLIO



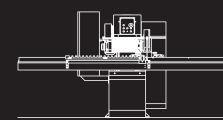
BLOCK CUTTER  
TAGLIABLOCCHI



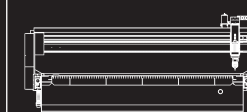
EDGE POLISHER / LUCIDACOSTE



CALIBRATING AND POLISHING MACHINES  
CALIBRATRICI-LUCIDATRICI



LINE ACCESSORIES  
COMPLEMENTI DI LINEA



WATER JET



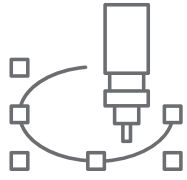
POWER & CONTROL



EXPERIENCE & QUALITY



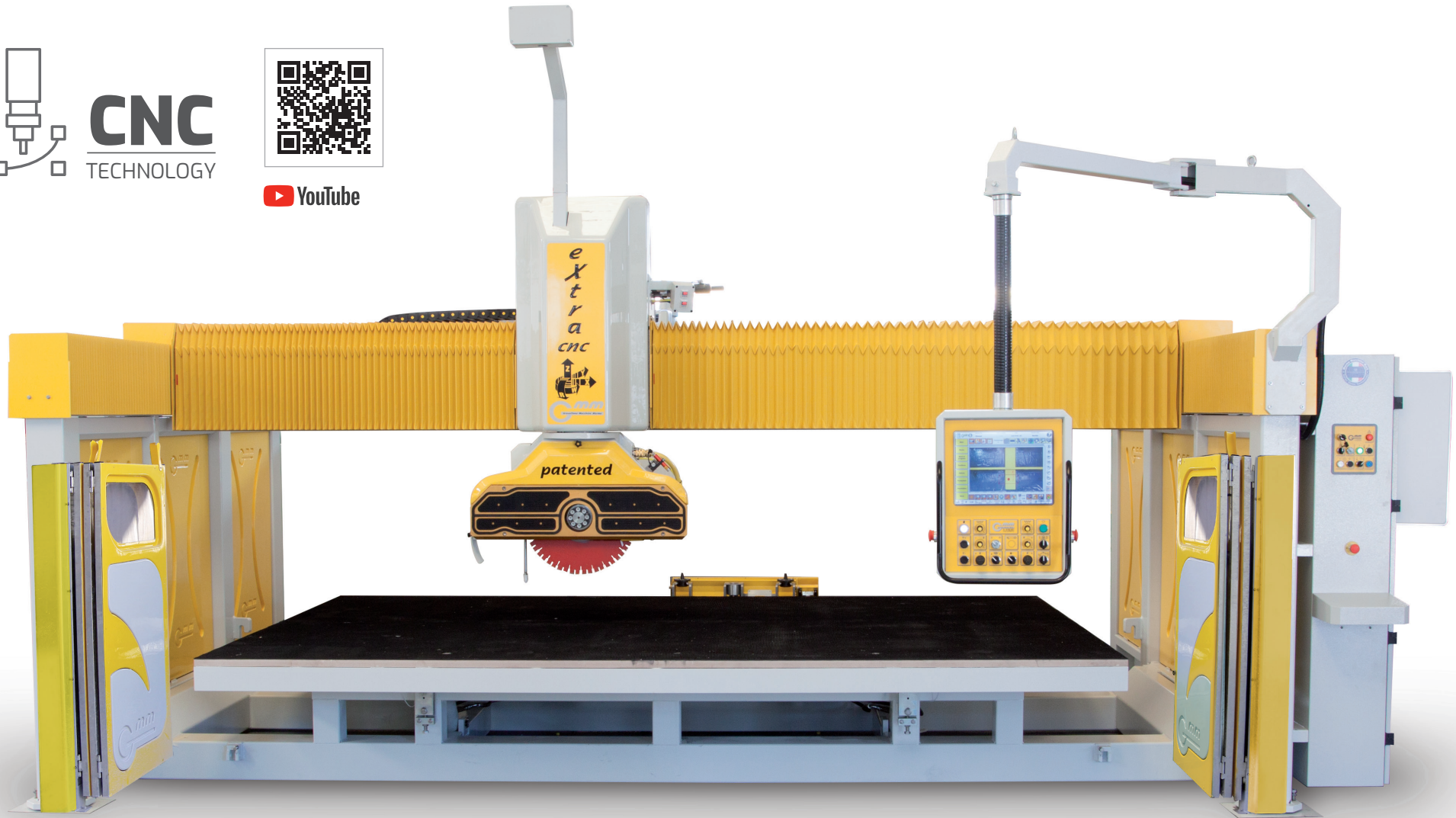
TECHNOLOGY & INNOVATION



**CNC**  
TECHNOLOGY



 YouTube







### Monoblock CNC 5-axis sawing machine

The Extra blends the ease of use of a traditional manual machine, with the high output operator free sawing cycles. Simple and intuitive programming enables owners and operators to get the most from the machine.

- Fully interpolated 5 axis movement with rotating head with 370° range, inclination from 0°-90°.
- Hot dipped galvanized steel fixed with saw surface in high density plastic rubber matting (optional) with max blade size of 625 mm (24.6 in) and minimum blade size of 300 mm (11.8 in) with Z axis (rise and fall movement) of 400 mm (15.75 in).
- The complete structure is made up of hot dipped galvanized steel structures - supplied with folding door solid panel safety barriers.
- Fast and precise movements due to brushless motors with absolute encoders, recirculating ball bearing movement, precision gearboxes and interpolated axis controlled by CNC.
- Electro spindle running up to 4300 rpm (6000 on request with center water feed and a 3/8" x 1/2" gas fitting).
- Suspended pendant with 15" TFT color touchscreen. Machine is equipped with USB/Ethernet port for easy loading of programs. Stainless steel electrical panel.
- Upon request the machine can also be equipped with parametric drawings. Cuts From CAD, contouring, profiling and shaping, drilling with auto tool changer with magnetic connection, digital camera to provide a jpeg of the slab on screen.
- By using the integrated Vacuum head, (upon request) the machine performs automatic movement/unloading of sawn pieces, man power and raw material saving.



### Fresa a ponte monoblocco CNC 5 assi

La macchina unisce all'estrema facilità di utilizzo in manuale una programmazione semplice ed intuitiva sia delle lavorazioni base che di quelle più avanzate, quali programmazione parametrica, tagli da cad, contornatura, profili e sagome, forature, carotature, bassorilievi, scritte ecc. e può essere integrata con varie funzionalità tra cui la fotografia lastra con camera digitale, lo spostamento pezzi con ventosa, il cambio utensile magnetico a richiesta.

- Testa orientabile di 370°, testa inclinabile di 90°.
- Banco ribaltabile idraulico in acciaio zincato a caldo con copertura in plastica.
- Disco fino a 625 mm di diametro azionato da inverter (possibilità di lavorare con disco minimo 300 mm).
- Corsa verticale (asse Z) da 400 mm.
- Tutte le strutture principali della macchina sono in acciaio zincato a caldo.
- Barriera di sicurezza a pannelli in termoformato.
- Elevate velocità, massima precisione grazie ai motori brushless con encoder assoluti, guide a ricircolo di sfere, riduttori di precisione, interpolazione degli assi con CNC.
- Elettromandrino da 4.300 rpm (6.000 rpm a richiesta con albero forato per passaggio acqua e attacco frese da 3/8" x 1/2" gas).



### Sierra a puente monobloque CNC a 5 ejes

La máquina combina la extrema facilidad de uso en manual así como la programación simple e intuitiva de operaciones básicas y te tipo más avanzado, como programación paramétrica, cortes CAD, contorneado, perfiles y formas, perforación, extracción de muestras, bajorrelieves, escritura, etc. Y puede ser integrado con varias funciones incluido fotografías con cámara digital, moviendo las piezas con una ventosa, la herramienta magnética cambia a petición.

- Cabezal giratorio de 370°, cabezal basculante de 90°.
- Banco de inclinación hidráulico en acero galvanizado en caliente con cubierta de plástico.
- Disco máximo de 625 mm. de diámetro impulsado por inverter. (posibilidad de trabajar con un disco mínimo de 300 mm.)
- Carrera vertical (eje Z) de 400 mm.
- Todas las estructuras principales de la máquina están hechas de acero galvanizado en caliente.
- Barrera de seguridad con paneles termoformados.
- Alta velocidad y máxima precisión gracias a los motores sin escobillas con codificador absolutos, guías de recirculación de esferas, reductores de precisión, interpolación de ejes con CNC.
- Electrohusillo de 4300 rpm (6000 rpm bajo pedido con eje perforado para paso de agua y brocas de 3/8" x 1/2" de gas).

TECHNICAL DATA / DATI TECNICI

CUTTING STROKE OF THE BLADE (X AXIS) CORSA MASSIMA ORIZZONTALE DISCO (ASSE X)	3700 mm
MAXIMUM BRIDGE TRASLATION (Y AXIS) TRASLAZIONE MASSIMA DEL PONTE (ASSE Y)	2650 mm
MAXIMUM VERTICAL TRAVEL OF THE BLADE (Z AXIS) CORSA MASSIMA VERTICALE DISCO (ASSE Z)	400 mm
MAX ANGLE OF TILT HEAD (R AXIS) ANGOLO MASSIMO DI INCLINAZIONE DISCO (ASSE R)	0°÷90°
MAXIMUM BLADE ROTATION (W AXIS) ANGOLO MASSIMO DI ORIENTAMENTO DISCO (ASSE W)	0°÷370°
MAXIMUM BLADE DIAMETER DIAMETRO MINIMO-MASSIMO DISCO STANDARD	300-625 mm
MAXIMUM CUTTING DEPTH PROFONDITÀ DI TAGLIO MASSIMA	205 mm
BLADE HOLE DIAMETER DIAMETRO FORO	50/60 mm
BLADE LOCKING FLANGE DIAMETER DIAMETRO FLANGE DISCO	213 mm
TABLE DIMENSION DIMENSIONE DELLA TAVOLA	2250-2400* x 3800 mm
POWER OF THE BLADE MOTOR POTENZA MOTORE DEL DISCO	13 (5 6) kW
BLADE SPEED VELOCITÀ DI ROTAZIONE DISCO REGOLABILE	800÷4300-6000* rpm
SLIDE CUT SPEED (X AXIS) VELOCITÀ DI TAGLIO DELLA SLITTA (ASSE X)	0÷25 m/min
BRIDGE TRANSLATION SPEED (Y AXIS) VELOCITÀ TRASLAZIONE DEL PONTE (ASSE Y)	0÷25 m/min
VERTICAL MOVEMENT SPEED (Z AXIS) VELOCITÀ MOVIMENTO VERTICALE DISCO (ASSE Z)	0÷3,75 m/min
WATER CONSUMPTION AT 3 BAR PORTATA ACQUA DI REFRIGERAZIONE A 3 BAR	40 l/min
TOTAL MACHINE MASS MASSA COMPLESSIVA	4200 kg
MACHINE PACKING DIMENSIONS VOLUME IMBALLO MACCHINA IN VERSIONE STANDARD	20' O.T. container

\*OPTIONAL





TECHNOLOGY & INNOVATION



EXPERIENCE & QUALITY



POWER & CONTROL



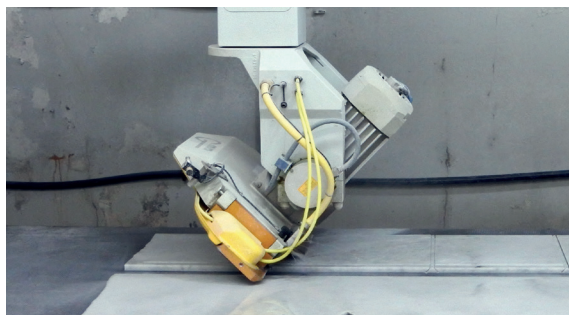
Extra 37 CN2

STANDARD MACHINE PROGRAM / PROGRAMMA MACCHINA BASE

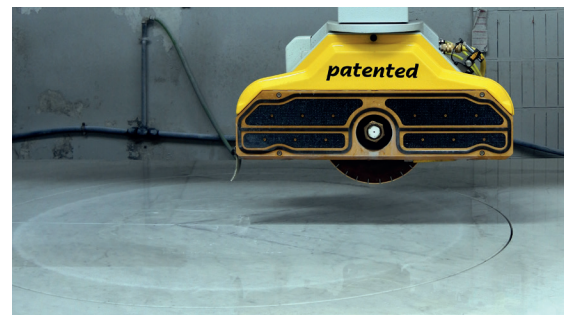
COD. MF 153



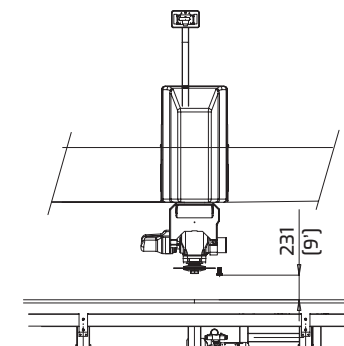
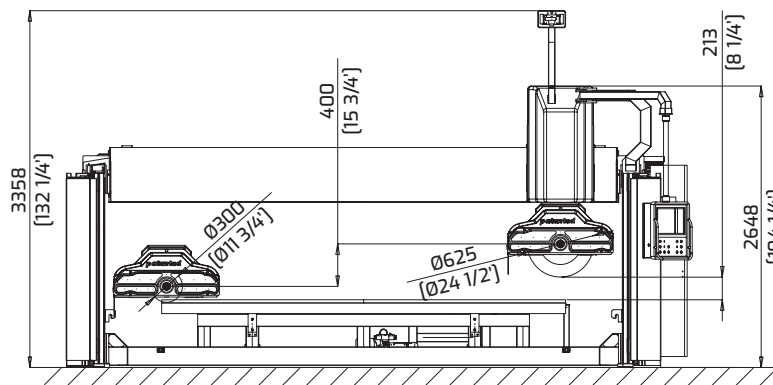
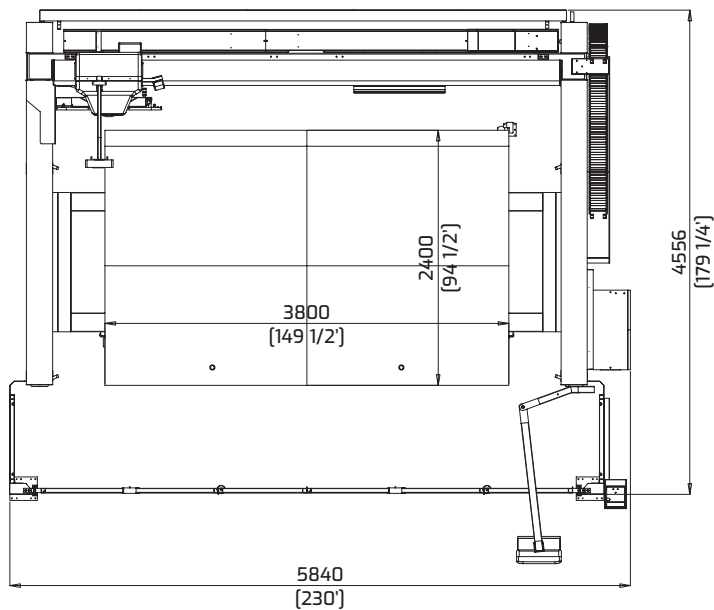
Single cut, multiple cuts, inclined or mitre cuts.  
Taglio singolo, tagli multipli, tagli inclinati e obliqui.



Orthogonal cuts and polygons.  
Tagli ortogonali e poligoni.



Circumferences, archs.  
Circonfereze, archi.



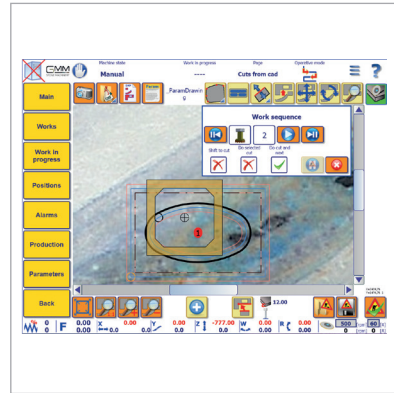


OPTIONAL ON REQUEST / OPZIONALI A RICHIESTA

**COD. A6446**  
CUTS FROM CAD  
TAGLI DA CAD



**COD. A6447**  
CONTOURING 2D  
CONTORNATURA 2D



**COD. A5501**  
TOOL DIAMETER CONTROL  
LETTORE DIAMETRO UTENSILE



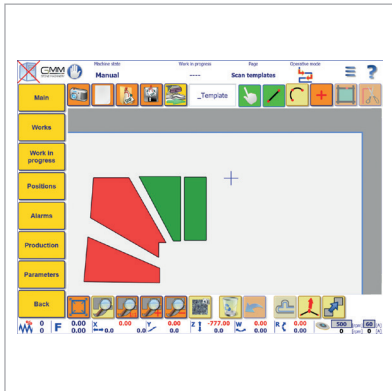
**COD. A5504**  
SLAB THICKNESS READER  
LETTORE SPESSORE LASTRA



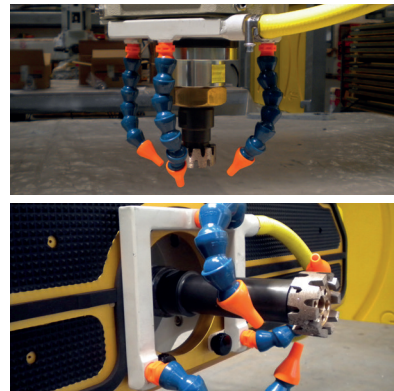
**COD. A5453**  
CAMERA ON BOARD  
TELECAMERA



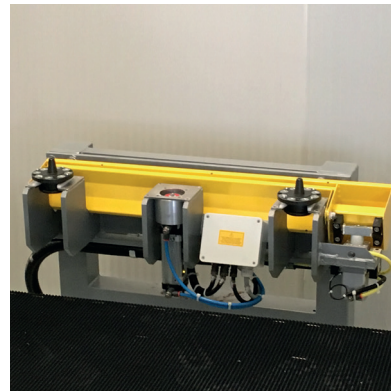
**COD. A6423**  
OPTICAL TEMPLATE COPIER  
RILEVATORE OTTICO DI DIME



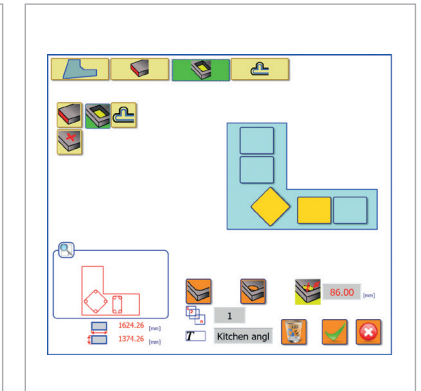
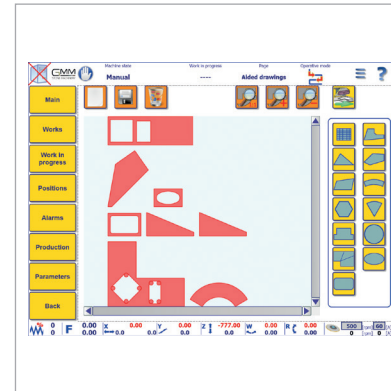
**COD. A1462**  
CENTER WATER FEED MOTOR  
MOTORE FORATO



**COD. A1712**  
MAGNETIC TOOL CHANGER  
CAMBIO UTENSILE MAGNETICO



**COD. A6450**  
PARAMETRIC PROGRAM  
FIGURE PARAMETRICHE





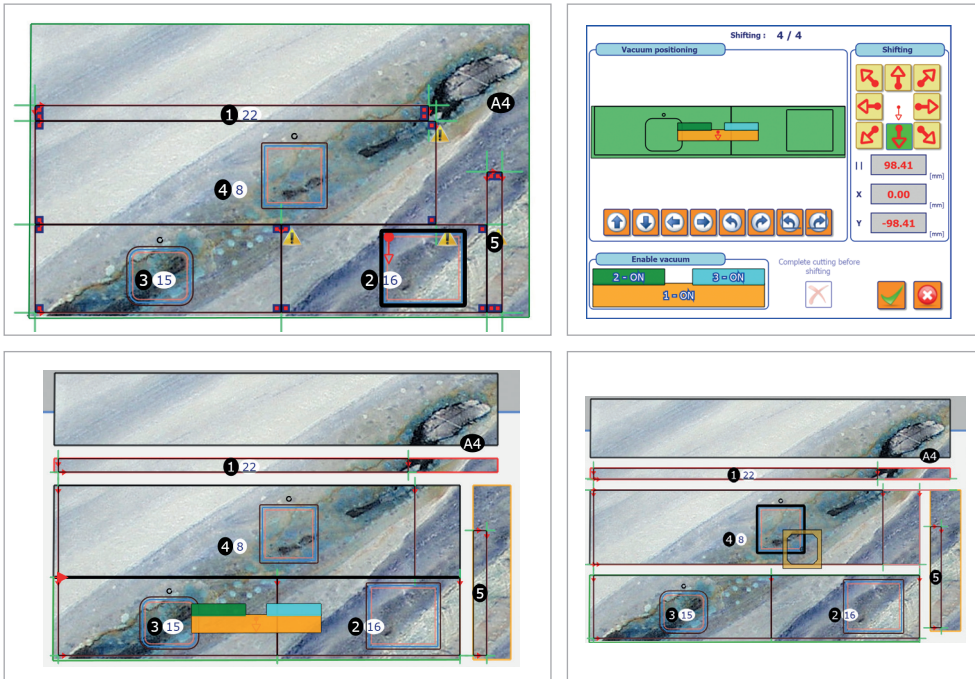
TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

POWER & CONTROL

Extra 37 CN2

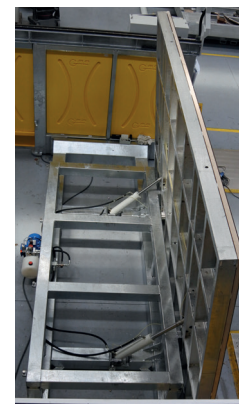
COD. A2656  
Vacuum system  
Ventose



Vacuum system with 2 sections, disc casing of  $\varnothing 625$  mm instead of the standard one and related software.  
The vacuum head blade cover is made with a special alloy of cast aluminum, corrosion resistant, reinforced and ribbed.

*Ventose: impianto a due zone compreso relativo software di gestione e carter disco  $\varnothing 625$  mm, in sostituzione dello standard, realizzato in lega speciale di alluminio pressofuso, resistente alla corrosione, rinforzato e nervato.*

Hydraulic tilting table  
Banco ribaltabile idraulico



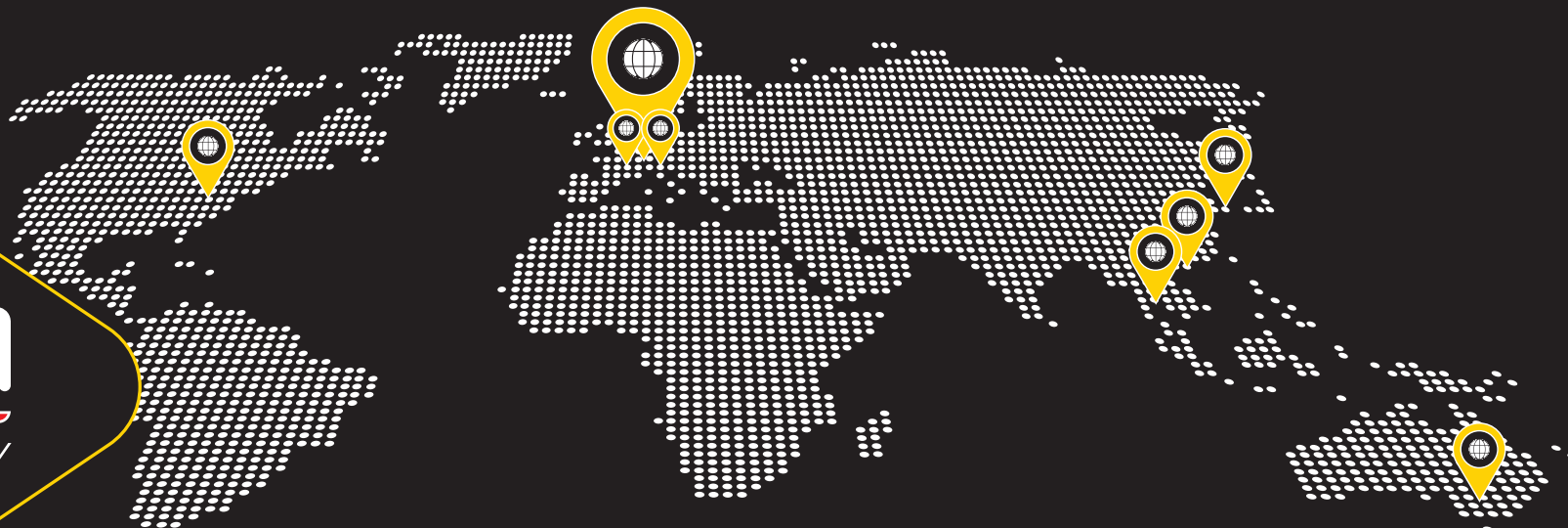
Hydraulic tilting table hot dipped galvanized structure. The sawing surface is in hard non deforming plastic.

*Banco ribaltabile idraulico in acciaio zincato a caldo con copertura in plastica.*

Extra 37 CN2 09.2018

# GMM

STONE MACHINERY



**GMM S.P.A.**  
**HEADQUARTERS**  
 Via Nuova, 155 - 28883 Gravelona Toce (VB) ITALY  
 Tel. +39 0323 849711 - Fax +39 0323 864517  
 gmm@gmm.it - www.gmm.it

**GMM S.P.A. SCHIO**  
**BUSINESS UNIT**  
 Via Lago di Misurina 72  
 236015 Schio (VI)  
 ITALY  
 Tel. +39 0445 576226  
 Fax. +39 0445 576244  
 gmm@gmm.it  
 www.gmm.it

**MECTOCE S.R.L.**  
**PRODUCTION UNIT**  
 Via Caduti del Lavoro 20/22  
 28886 Pieve Vergonte (VB)  
 ITALY  
 Tel. +39 0324 86312  
 Fax +39 0324 869677  
 informazioni@mectoce.it  
 www.mectoce.it

**GMM INTERNATIONAL LTD.**  
**COMMERCIAL UNIT**  
 Unit 1717, New Tech Plaza, 34  
 Tai Yau Street, Kowloon,  
 HONG KONG  
 Tel: +852 23666386  
 info@gmm.com.hk  
 www.gmmchina.cn

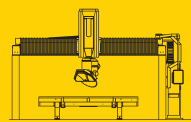
**GMM (QUANZHOU) LTD.**  
**COMMERCIAL UNIT**  
 No.3C-1, Phase 2, Cathay Stone Mall,  
 Shuitou Town, Nan'an City, Fujian Province,  
 CHINA 362342  
 Tel:+86 595 8609 7072  
 info@gmmchina.cn  
 www.gmmchina.cn

**GMM USA INC.**  
**COMMERCIAL UNIT**  
 7606 Whitehall Executive  
 Center Drive, Suite 400  
 Charlotte,  
 USA NC 28273  
 Tel:+1980 242 2969  
 Info.gmmusa@gmm.it  
 www.gmm.it

**TECHNI WATERJET LTD.**  
**MELBOURNE HEAD OFFICE**  
 47 Barry Rd.  
 Campbellfield - VICTORIA,  
 AUSTRALIA 3061  
 Tel. +61 3 9357 8360  
 Fax +61 3 9357 0446  
 www.techniwaterjet.com

**TECHNI WATERJET LTD.**  
**PRODUCTION UNIT**  
 300/21 MOO 1, Tambol Tasith  
 Ampur Pluakdaeng, Rayong,  
 THAILAND 21140  
 Tel. +66 (0) 33 012 561-4  
 Fax +66 (0) 33 012 565  
 sales@techniwaterjet.com  
 www.techniwaterjet.com

## Extra 37 CN2



### 5-AXIS SAWING MACHINES / FRESE 5 ASSI

Brio 35 easy CN2 | Brio 35 CN2 | Intra 520 CN2 | Intra 520 XL CN2 | Egil 700 CN2

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ISO 9001  
 BUREAU VERITAS  
 Certification



Member of:  
 CONFINDUSTRIA MARMOMACCHINE  
 ASSOCIATION



ISO 9001:2015 - Certificato N°IT234871

**IMPORTANT:** machines displayed in the present catalogue are without safety barriers in order to ensure the perfect vision of all the details of the machine. All machines will be delivered and installed with safety barriers as per current legislation. The data in the present catalogue may vary without notice due to continuous update of technology.

**IMPORTANTE:** alcune macchine sono sprovviste di alcune protezioni per meglio evidenziare le caratteristiche del prodotto. Alla consegna e alla installazione, tutte le macchine saranno munite delle protezioni secondo le vigenti norme di legge. I dati del presente depliant non sono impegnativi perché soggetti a possibili variazioni senza preavviso per aggiornamenti e continue evoluzioni tecnologiche.