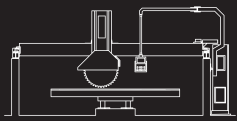


GMM
STONE MACHINERY

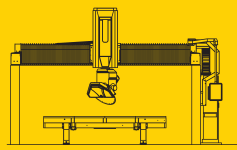
POWER & CONTROL

Brio 400 easy CN2

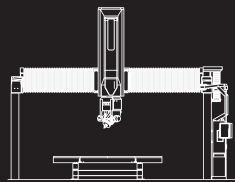
CNC 5-AXIS SAWING MACHINE / FRESATRICE CNC 5 ASSI



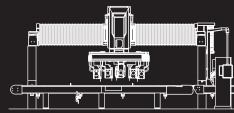
BRIDGE SAWING MACHINES
SEGATRICI A PONTE



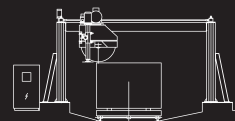
5-AXIS SAWING MACHINES
FRESE 5 ASSI



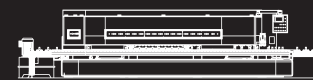
5-AXIS SHAPING MACHINES
SAGOMATRICI 5 ASSI



CUTTING CENTER MACHINES
CENTRI DI TAGLIO



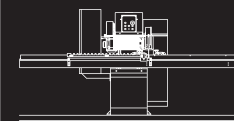
BLOCK CUTTER
TAGLIABLOCCHI



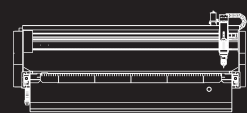
EDGE POLISHER / LUCIDACOSTE



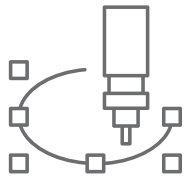
CALIBRATING AND POLISHING MACHINES
CALIBRATRICI-LUCIDATRICI



LINES AND
COMPLEMENTARY MACHINERY
LINEE E MACCHINARI
COMPLEMENTARI



WATER JET



CNC
TECHNOLOGY





CNC 5-axis sawing machine

The Brio can be used completely in a manual mode, or can follow a range of automatic programs including single, multiple or orthogonal cuts. Inclined, oblique, or a combination of inclined and oblique, when directed, the machine can take step cuts in the direction of the blades axis by moving all the axis in an interpolated mode without the need for a rotating table. The Brio also has the ability to follow a series of cuts dictated by a dxf file and thus transform raw slab into finished sizes with almost no operator presence. The Brio can drill, carve or carry out lettering on request.

The standard version it is supplied to be installed on concrete or carpentry shoulder support. The shoulder and the machine cutting table are optional and not included in the machine price.

- 370° rotating head, 90° tilting head.
- Max blade size 625 mm (25 in) with Z axis (rise and fall movement) 400 mm (15.7 in).
- The complete structure is made up of hot dipped galvanized steel.
- Safety barriers with polycarbonate panels.
- Fast and precise movements due to brushless motors with absolute encoders, recirculating ball bearing movement, precision gearboxes and interpolated axis from the CNC.
- Elettro spindle running up to 4500 rpm or from 6000 rpm centre waterfeed and a 36x2 or 1/2 gas fitting (on request).
- Suspended pendant with 15 inch TFT colour touchscreen. Machine is equipped with USB/Ethernet port for easy loading of programs. Stainless steel electrical panel.
- Four position magnetic tool changer for auto changing core bits or router tools (on request).
- Hydraulic tilting table driven by two hydraulic cylinders with dedicated hydraulic power unit, structure in hot-dip galvanized steel with PVC cover (on request).



Fresa a ponte 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; programmazione parametrica, tagli da cad, contornatura, profili e sagome, forature, carotature, bassorilievi, scritte.

Nella versione standard la macchina è su spalle in cemento e senza tavola.

- Testa orientabile da 0° a 370° e inclinabile da 0° a 90° di serie.
- Disco fino a 625 mm di diametro azionato da inverter.
- 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 policarbonato.
- 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 4.500 rpm oppure da 6.000 rpm con albero forato per passaggio acqua e attacco frese con filetto da 36x2 - 1/2" gas (a richiesta).
- Cambio magnetico a quattro posizioni per foratura e fresatura in automatico a richiesta.
- Banco ribaltabile idraulico azionato da due cilindri con centralina dedicata, struttura in acciaio zincato a caldo con copertura in PVC. (a richiesta).

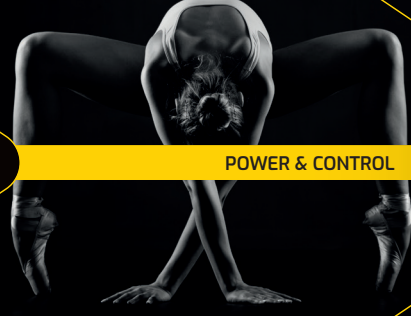


Sierra a puente CNC a 5 ejes

La máquina combina la extrema facilidad de uso en manual, una programación simple e intuitiva hace de la elaboración base de los más avanzados; programación paramétrica, cortes de cad, contornos, perfiles y molduras, taladros, extracción de muestras, bajorrelieves, escrituras.

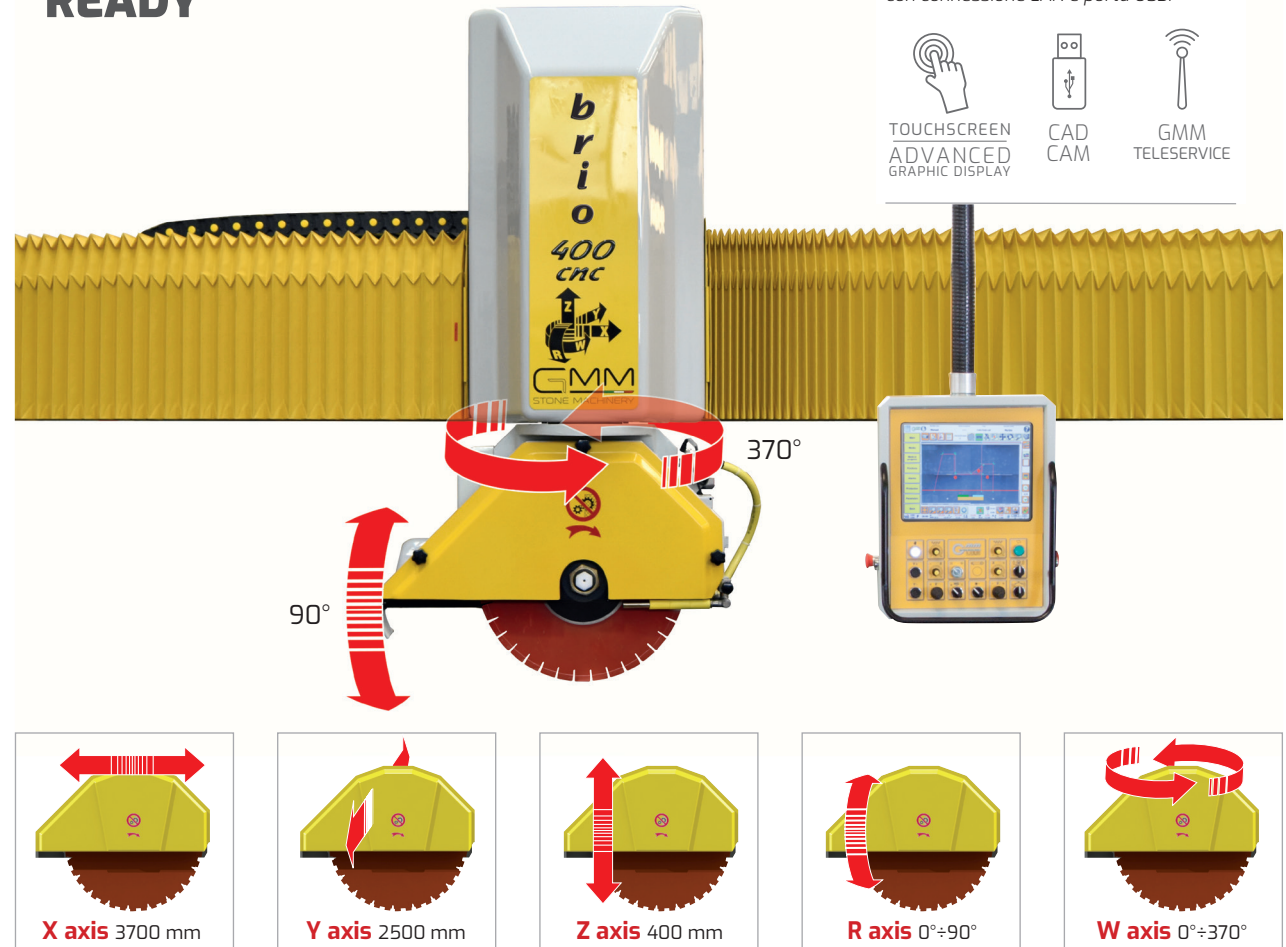
En la versión standard la maquina se monta en muros de cemento sin mesa.

- Cabezal giratorio a 370°, cabezal basculante a 90°.
- Disco hasta 625 mm de diámetro accionado por inverter.
- Carrera vertical (eje Z) de 400 mm.
- Toda la estructura de la maquina es en acero galvanizado en caliente.
- Barreras de seguridad con paneles de policarbonato.
- Elevada velocidad, máxima precisión gracias a los motores brushless con encoder absolutos, guías a recirculo de esferas, reductores de precisión, interpolación de los ejes con CNC.
- Electro mandril de 4500 rpm o desde 6000 rpm con flecha perforada para el paso de agua y anclaje de la herramienta con rosca de 36x2 - 1/2 gas (a solecitud).
- Consola pensil con video 6,5" TFT a colores TOUCHSCREEN con puerto USB y cuadro eléctrico en acero INOXIDABLE.
- Cambio magnético a cuatro posiciones para taladrar y fresar en automático (a solecitud).
- Banco basculante, accionado por dos cilindros hidráulicos, estructura en acero galvanizado en caliente con cubierta de PVC y goma dentada (a solecitud).



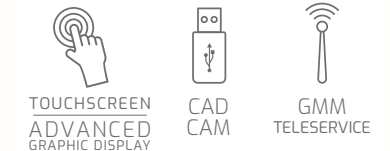
TECHNICAL DATA / DATI TECNICI

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)	2500 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°
MINIMUM-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	2000x3500 mm
BLADE MOTOR POWER POTENZA MOTORE DEL DISCO	13 (56) kW
BLADE SPEED VELOCITÀ DI ROTAZIONE DISCO REGOLABILE	800÷4500-6000* rpm
SLIDE CUT SPEED (X AXIS) VELOCITÀ DI TAGLIO DELLA SLITTA (ASSE X)	0÷35 m/min
BRIDGE TRANSLATION SPEED (Y AXIS) VELOCITÀ TRASLAZIONE DEL PONTE (ASSE Y)	0÷35 m/min
VERTICAL MOVEMENT SPEED (Z AXIS) VELOCITÀ MOVIMENTO VERTICALE DISCO (ASSE Z)	0÷7.5 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



Programming and control unit
15" touchscreen colour display with LAN connection and USB port.

Unità di programmazione e controllo
Display TFT a colori da 15" touchscreen con connessione LAN e porta USB.



TECHNOLOGY & INNOVATION



EXPERIENCE & QUALITY



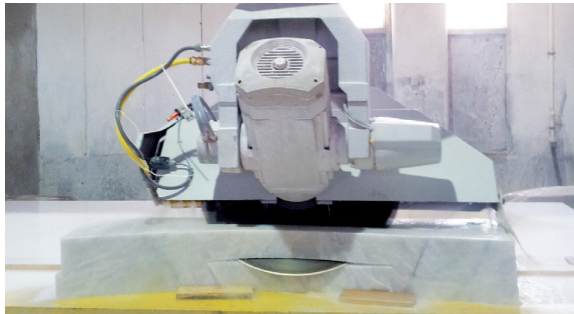
POWER & CONTROL



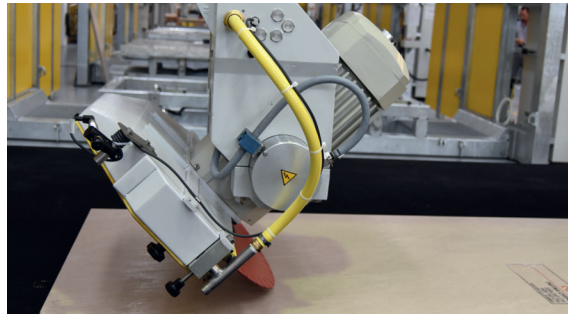
Brio 400 easy CN2

STANDARD MACHINE PROGRAM / PROGRAMMA MACCHINA BASE

COD. MF 157



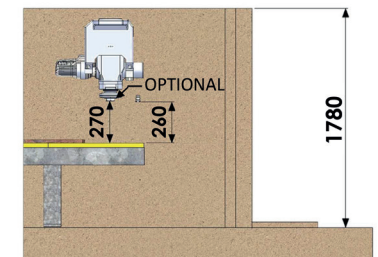
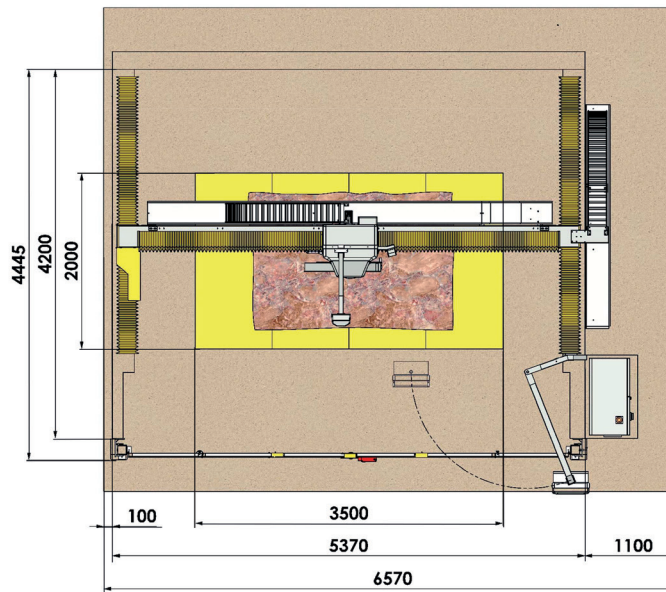
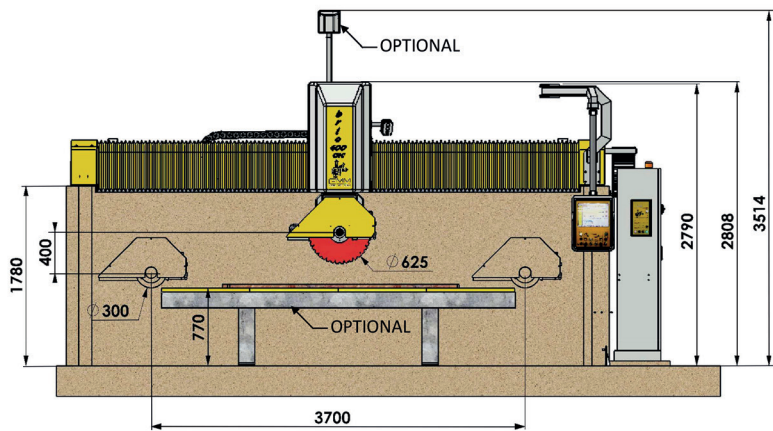
Single cut, multiple cuts, inclined or mitre cuts.
Taglio singolo, tagli multipli, tagli inclinati e obliqui.



Orthogonal cuts and polygons.
Tagli ortogonali e poligoni.



Circumferences, archs.
Circonferenze, archi.





POWER & CONTROL



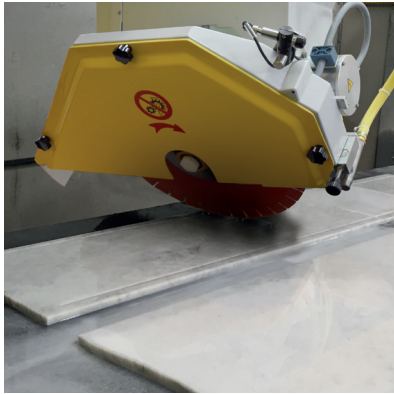
EXPERIENCE & QUALITY



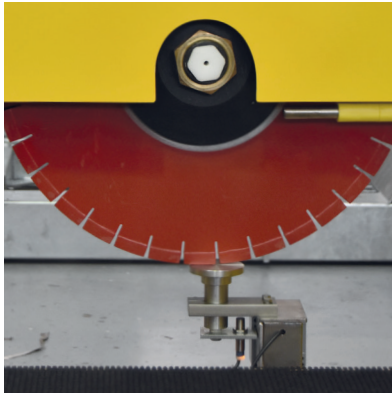
TECHNOLOGY & INNOVATION

OPTIONAL ON REQUEST / OPZIONALI A RICHIESTA

COD. A6446
CUTS FROM CAD
TAGLI DA CAD



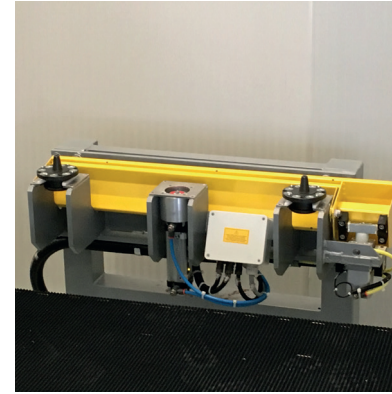
COD. A5501
TOOL DIAMETER CONTROL
LETTORE DIAMETRO UTENSILE



COD. A5504
SLAB THICKNESS READER
LETTORE SPESSORE LASTRA



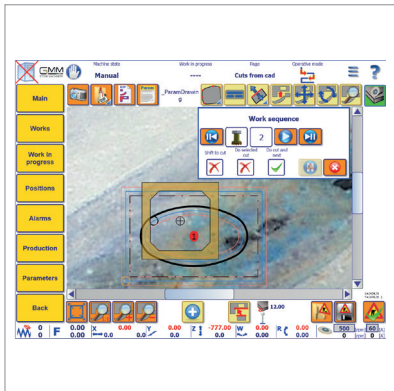
COD. A1712
TWO POSITION MAGNETIC TOOL CHANGER FOR
AUTO CHANGING CORE BITS
CAMBIO UTENSILE MAGNETICO A DUE
POSIZIONI PER FORATURA IN AUTOMATICO



COD. A1718
FOUR POSITION MAGNETIC TOOL CHANGER FOR
AUTO CHANGING CORE BITS OR ROUTER TOOLS
CAMBIO MAGNETICO A QUATTRO POSIZIONI
PER FORATURA E FRESATURA IN AUTOMATICO



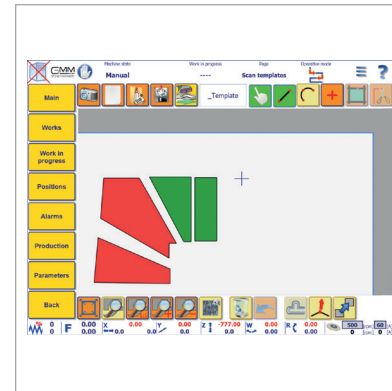
COD. A6457
PROGRAM COMBINED CUTS FROM CAD
PROGRAMMA TAGLI DA CAD COMBINATI



COD. A5453
CAMERA ON BOARD
TELECAMERA



COD. A6423
OPTICAL TEMPLATE COPIER
RILEVATORE OTTICO DI DIME



TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

POWER & CONTROL

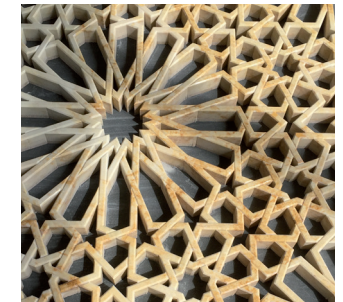
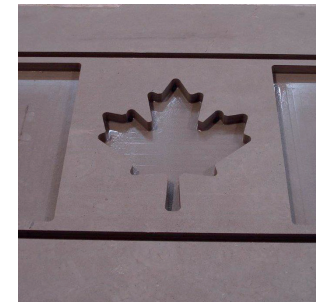
Brio 400 easy CN2

COD. A2120
Hydraulic tilting table
(OPTIONAL)

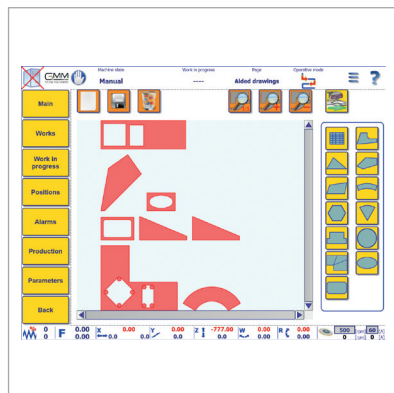
*Banco ribaltabile idraulico
(OPTIONAL)*



COD. A6444 - A6456
WORKS WITH CAD/CAM
LAVORAZIONI CAD/CAM



COD. A6450
PARAMETRIC PROGRAM
FIGURE PARAMETRICHE



Brio 400 easy CN2 09.2019

GMM
STONE MACHINERY



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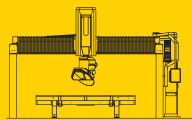
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Brio 400 easy CN2



5-AXIS SAWING MACHINES / FRESE 5 ASSI

Extra 37 CN2 | Extra 400 CN2 | Intra 520 CN2 | Intra 520 XL CN2 | Egil 700 CN2

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I dati tecnici non sono impegnativi e possono essere modificati da GMM senza preavviso.

ISO 9001
BUREAU VERITAS
Certification



Member of
CONFINDUSTRIA MARMOMACCHINE
ASSOMACCHINE



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.