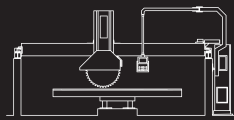




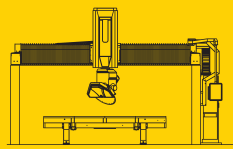
POWER & CONTROL

Extra 400 CN2

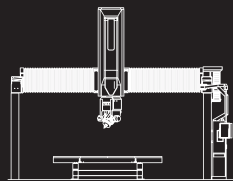
MONOBLOCK CNC 5-AXIS SAWING MACHINE / FRESA A PONTE MONOBLOCCO CNC 5 ASSI



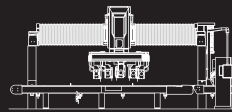
BRIDGE SAWING MACHINES
SEGATRICI A PONTE



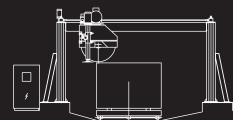
5-AXIS SAWING MACHINES
FRESE 5 ASSI



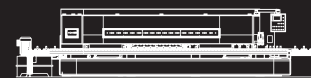
5-AXIS SHAPING MACHINES
SAGOMATRICI 5 ASSI



CUTTING CENTER MACHINES
CENTRI DI TAGLIO



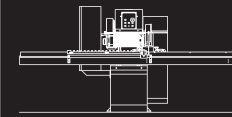
BLOCK CUTTER
TAGLIABLOCCHI



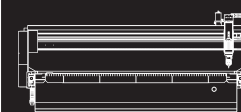
EDGE POLISHER / LUCIDACOSTE



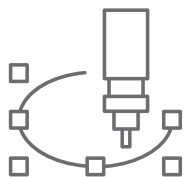
CALIBRATING AND POLISHING MACHINES
CALIBRATRICI-LUCIDATRICI



LINEE AND
COMPLEMENTARY MACHINERY
LINEE E MACCHINARI
COMPLEMENTARI



WATER JET



CNC
TECHNOLOGY



 YouTube





Monoblock CNC 5-axis sawing machine

The machine combines extreme ease of use and intuitive programming of both basic operations than of the more advanced ones, such as offline programming, cad cuts, contouring, profiles and shapes, drilling, coring, bas-reliefs and lettering etc.

- 370° rotating head, 90° tilting head.
- Hydraulic tilting table driven by two hydraulic cylinders with dedicated hydraulic power unit, structure in hot-dip galvanized steel with PVC cover.
- Blade up to 625 mm (25 inches) diameter driven by inverter (possibility to work with a minimum 300 mm (12 inch) disc).
- Vertical stroke (Z axis) of 400 mm (16 inch).
- All the main structures of the machine are in hot galvanized steel.
- Automatic lubrication. (NEW).
- Safety barriers with polycarbonate panels. (NEW).
- High speed, maximum precision thanks to brushless motors with absolute encoders, recirculating ball guides, helical cut rack and pinion (on request) and precision gearboxes, interpolation of the axes with CNC.
- 4,500 rpm electrospindle (6,000 rpm on request with shaft drilled for water passage and 36x2 - 1/2" gas cutters).
- Vacuum system with 3 sections (on request). (NEW).
- Four position magnetic tool changer for auto changing core bits or router tools (on request).



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, scritture ecc.

- Testa orientabile di 370°, testa inclinabile di 90°.
- Banco ribaltabile idraulico azionato da due cilindri con centralina dedicata, struttura in acciaio zincato a caldo con copertura in PVC.
- 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.
- Lubrificazione automatica. (NEW).
- Barriere di sicurezza con pannelli in policarbonato. (NEW).
- Elevate velocità, massima precisione grazie ai motori brushless con encoder assoluti, guide a ricircolo di sfere, pignoni e cremagliere a denti elicoidali (a richiesta) riduttori di precisione, interpolazione degli assi con CNC.
- Elettromandrino da 4.500 rpm (6.000 rpm a richiesta con albero forato per passaggio acqua e attacco frese da 36x2 - 1/2" gas).
- Ventosa spostamento pezzi a tre posizioni a richiesta. (NEW).
- Cambio magnetico a quattro posizioni per foratura e fresatura in automatico a richiesta. (NEW).



Sierra a puente monoblocco CNC a 5 ejes

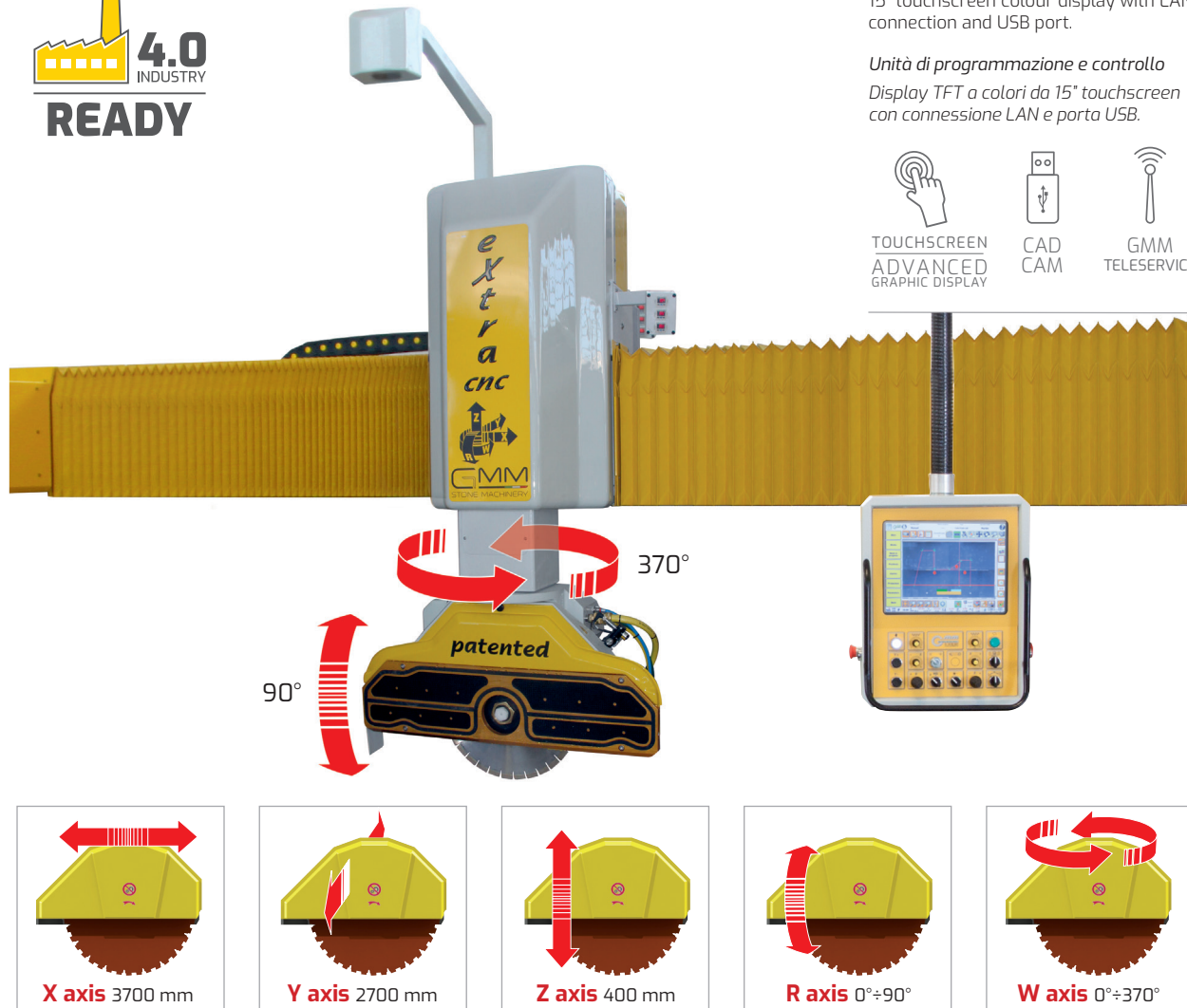
La máquina combina a la extrema facilidad de uso en manual una programación simple e intuitiva, sea de las operaciones básicas que, de aquellas más avanzadas como programación paramétrica, cortes CAD, contorneado, perfiles y formas, perforación, extracción de muestras, bajorrelieves, escritura, etc.

- Cabezal giratorio a 370°, cabezal basculante a 90°.
- Banco basculante, accionado por dos cilindros hidráulicos, estructura en acero galvanizado en caliente con cubierta de PVC y goma dentada.
- Disco de hasta 625 mm de diámetro accionado por inverter (posibilidad para trabajar con un disco mínimo de 300 mm).
- Carrera vertical (eje Z) de 400 mm.
- Todas las estructuras principales de la máquina son de acero galvanizado en caliente.
- Lubricación automática. (NEW).
- Barreras de seguridad con paneles de policarbonato. (NEW).
- Alta velocidad, máxima precisión gracias a motores brushless con encoders absolutos, guías de bolas recirculantes, piñones y cremalleras dentadas helicoidales (sobre pedido) reductores de precisión, interpolación de los ejes con CNC.
- Electro mandril 4500 rpm (6000 rpm sobre pedido con eje perforado para el paso de agua y acoplamiento cortador de 36x2 - 1/2" gas).
- Ventosas para desplazamiento de piezas a tres posiciones, sobre pedido. (NEW).
- Cambio magnético a cuatro posiciones para taladrar y fresar en automático, sobre pedido. (NEW).

TECHNICAL DATA / DATI TECNICI

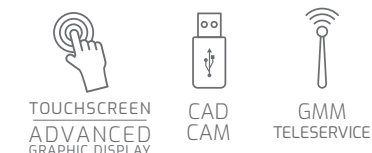
CUTTING STROKE OF THE BLADE (X AXIS) CORSA MASSIMA ORIZZONTALE DISCO (ASSE X)	3700 mm
MAXIMUM BRIDGE TRASLATION (Y AXIS) TRASLAZIONE MASSIMA DEL PONTE (ASSE Y)	2700 mm
MAXIMUM VERTICAL TRAVEL OF THE BLADE (Z AXIS) CORSA MASSIMA VERTICALE DISCO (ASSE Z)	400 mm
BEVEL CUTTING AREA AT 45° (BLADE 400) AREA DI TAGLIO CON DISCO INCLINATO A 45° (DISCO 400)	3400x2400 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	2250-2400* x 3800 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

*OPTIONAL



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

Extra 400 CN2

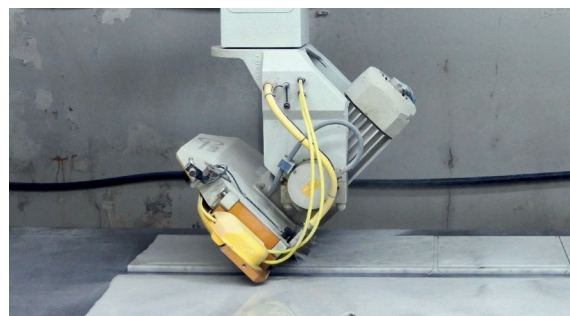
STANDARD MACHINE PROGRAM / PROGRAMMA MACCHINA BASE

COD. MF 156



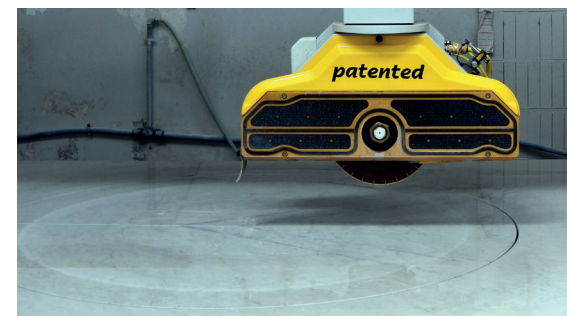
Single cut, multiple cuts, inclined or mitre cuts.

Taglio singolo, tagli multipli, tagli inclinati e obliqui.



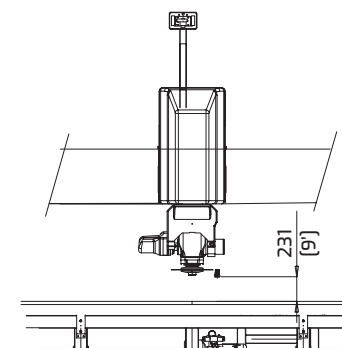
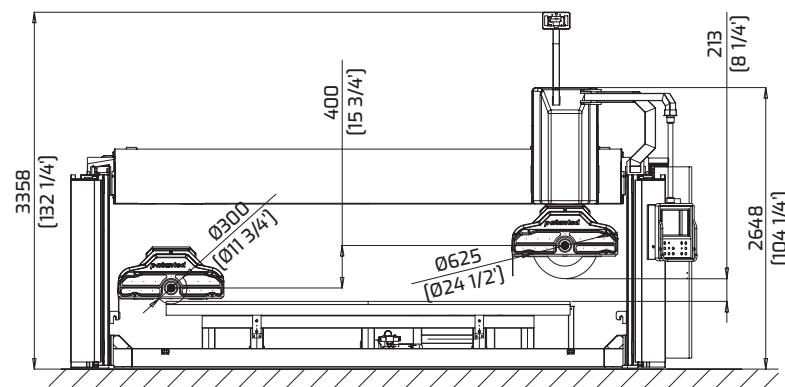
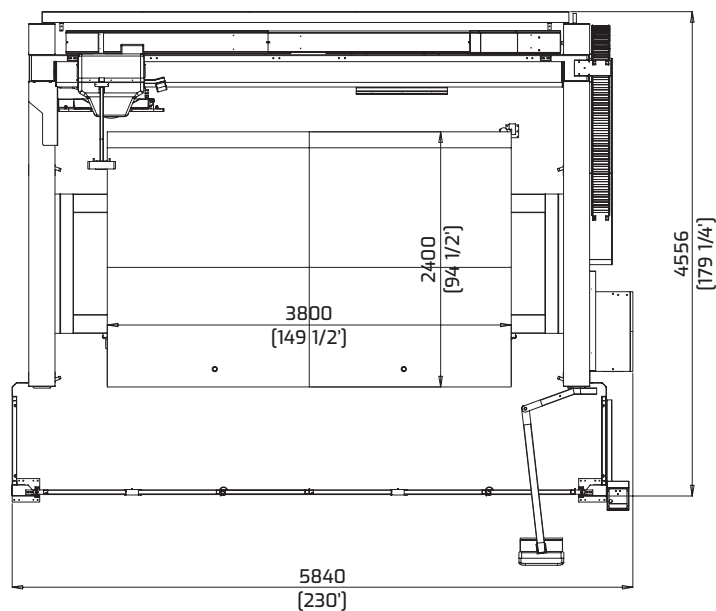
Orthogonal cuts and polygons.

Tagli ortogonali e poligoni.



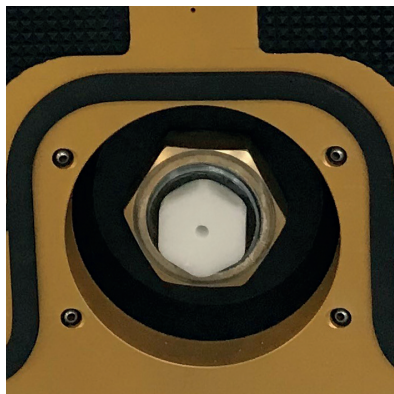
Circumferences, archs.

Circonfereze, archi.

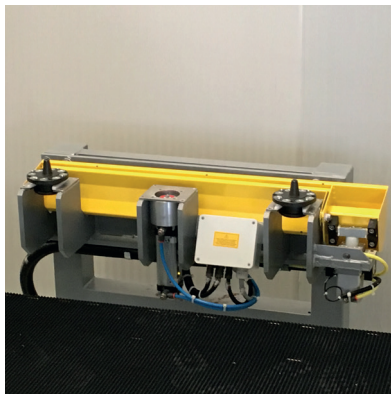


OPTIONAL ON REQUEST / OPZIONALI A RICHIESTA

COD. A1259
VACUUM BLADE GUARD WITH COOLING TOOL
NOZZELS
UGELLI DI RAFFREDDAMENTO UTENSILE FRESA



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



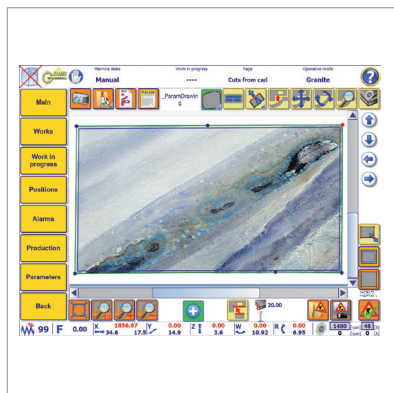
COD. A5501
TOOL DIAMETER CONTROL
LETTORE DIAMETRO UTENSILE



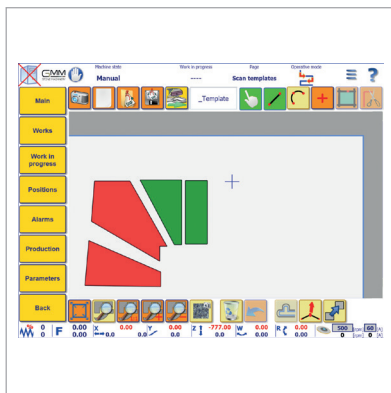
COD. A5504
SLAB THICKNESS READER
LETTORE SPESSORE LASTRA



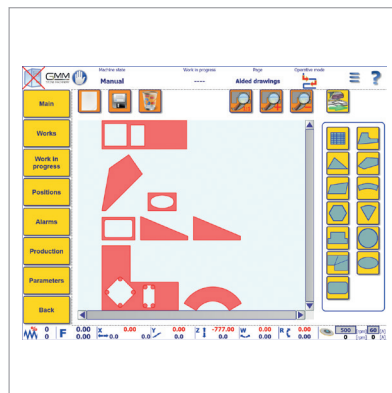
COD. A5453
CAMERA ON BOARD
TELECAMERA



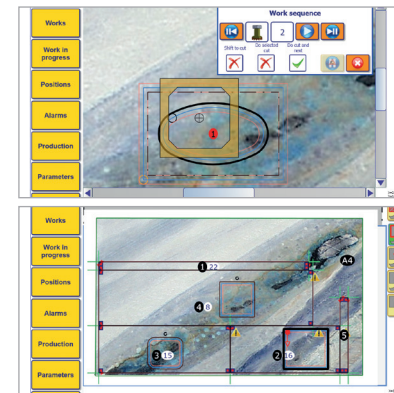
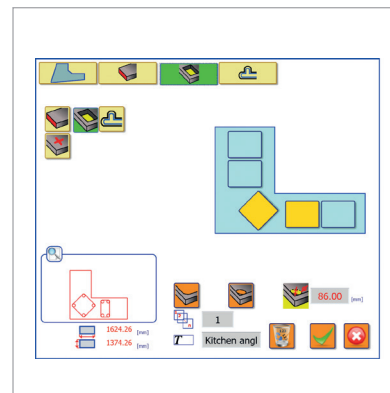
COD. A6423
OPTICAL TEMPLATE COPIER
RILEVATORE OTTICO DI DIME



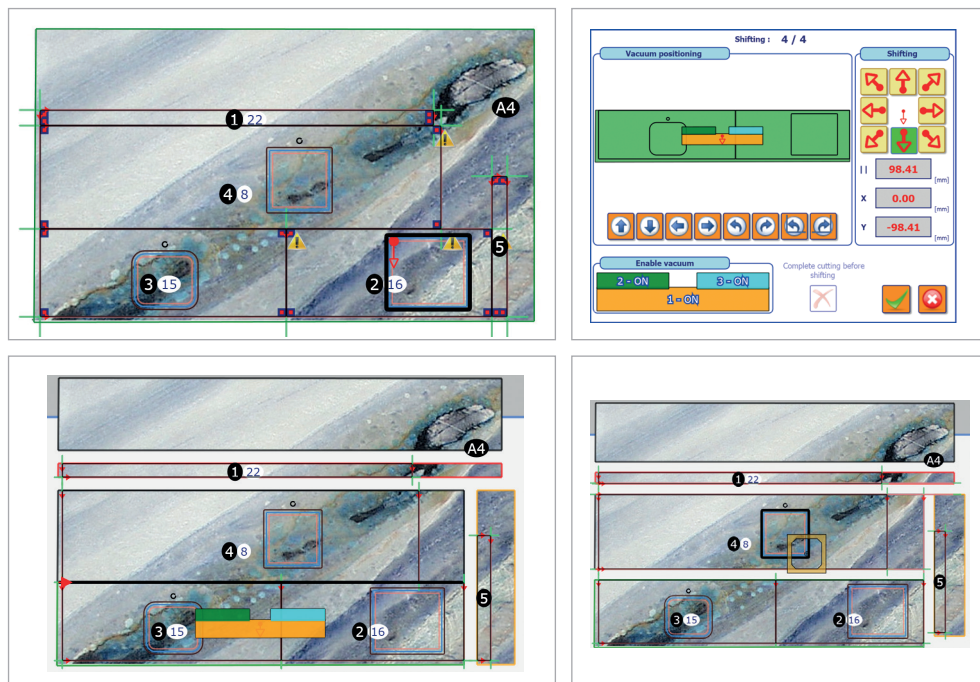
COD. A6450
PARAMETRIC PROGRAM
FIGURE PARAMETRICHE



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



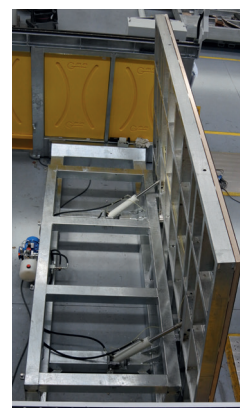
COD. A2646
Vacuum system
Ventose



Vacuum system with 3 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 tre 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 driven by two hydraulic cylinders with dedicated hydraulic power unit, structure in hot-dip galvanized steel with PVC cover.

Banco ribaltabile idraulico azionato da due cilindri con centralina dedicata, struttura in acciaio zincato a caldo con copertura in PVC.

Extra 400 CN2 10.2019

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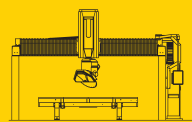
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Extra 400 CN2



5-AXIS SAWING MACHINES / FRESE 5 ASSI

Brio Easy 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
ASSOMARMOMACCHINE



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.