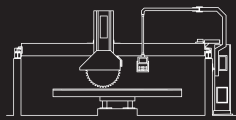


GMM
STONE MACHINERY

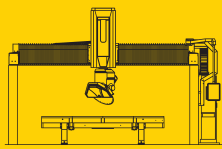
POWER & CONTROL

Intra 520 CN2 Intra 520 XL CN2

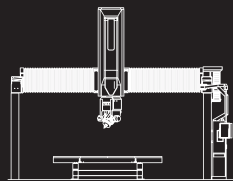
CNC 5-AXIS SAWING MACHINE / FRESA A PONTE CNC 5 ASSI



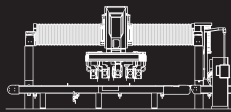
BRIDGE SAWING MACHINES
SEGATRICI A PONTE



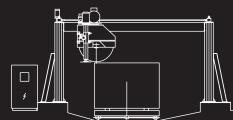
5-AXIS SAWING MACHINES
FRESE 5 ASSI



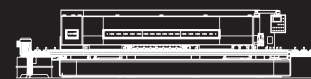
5-AXIS SHAPING MACHINES
SAGOMATRICI 5 ASSI



CUTTING CENTER MACHINES
CENTRI DI TAGLIO



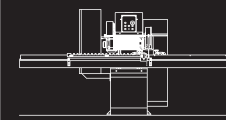
BLOCK CUTTER
TAGLIABLOCCHI



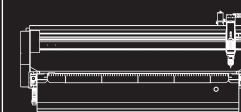
EDGE POLISHER / LUCIDACOSTE



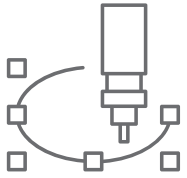
CALIBRATING AND POLISHING MACHINES
CALIBRATRICI-LUCIDATRICI



LINEE AND
COMPLEMENTARY MACHINERY
LINEE E MACCHINARI
COMPLEMENTARI



WATER JET



CNC
TECHNOLOGY



 YouTube





CNC 5-axis sawing machine

The Intra 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 - featuring parametric drawings, Cuts From CAD, Contouring, Bas relief, profiling and shaping, drilling and lettering, the machine can also be equipped (upon request) with a digital camera to provide a jpeg of the slab on screen, automatic movement/unloading of sawn pieces saving time, man power, and raw material by using integrated Vacuum head, auto tool changing with either ISO40 or simple magnetic connection, overlapping automatic table changing, a rodding device to create grooves in the underside of pieces, and even a lathe (gearbox driven or CNC).

- 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 725 mm (28.5 in) with Z axis (rise and fall movement) - 520 mm (20.5 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 centre waterfeed and a 36x2 or 1/2 gas fitting. Or (on request) ISO40 cone fitting running at up to 8000 rpm for automatic tool changer (on request).
- Suspended pendant with 15" TFT color touchscreen. Machine is equipped with USB/Ethernet port for easy loading of programs. Stainless steel electrical panel.



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, scritture ecc e può essere integrata con varie funzionalità tra cui la fotografia lastra con camera digitale, lo spostamento pezzi con ventosa, lo scarico pezzi con ventosa, il cambio utensile automatico con cono ISO o magnetico, il rodding e lo scambiatore di tavole e il tornio.

- Testa orientabile di 370°, testa inclinabile di 90°.
- Banco fisso in acciaio zincato a caldo con copertura in legno.
- Disco fino a 725 mm di diametro azionato da inverter.
- Corsa verticale (asse Z) da 520 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 36x2 - 1/2" gas o con cono ISO 40 a 8.000 rpm per cambio utensile automatico (a richiesta).



Sierra a puente CNC a 5 ejes

Intra une a la extrema facilidad de utilizo en manual, una programación simple e intuitiva sea en los trabajos básicos que en los más avanzados, programaciones paramétricas, cortes de cad, contorneado, perfiles y formas, perforación, bajorrelieve, escritura etc. y puede ser integrada con diferentes funciones entre las cuales, fotografías de la lamina con cámara digital, movimentación de las piezas con ventosa, descarga de piezas con ventosa, cambio de utensilio automático cono ISO o magnético, el rodding, el intercambiador de mesas y el torno.

- Cabezal giratorio de 370°, cabezal basculante de 90°.
- Msa fija en acero galvanizado en caliente con cobertura en leño o PVC (opcional).
- Disco hasta 725 mm. de diámetro accionado por inverter.
- Carrera vertical (eje Z) de 520 mm.
- Toda la estructura principal de la maquina es en acero galvanizado en caliente.
- Barreras de seguridad con foto celdas.
- 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 4.300 rpm (6.000 rpm a solicitud) con flecha perforada para el paso de agua y anclaje de la herramienta con rosca de 36x2 - 1/2 gas o con cono ISO 40 a 8.000 rpm para el cambio de utensilio automático.
- Consola pensil con video 15" TFT a colores touchscreen con puerto USB y cuadro eléctrico en acero inoxidable.

TECHNICAL DATA / DATI TECNICI

	Intra 520 CN2	Intra 520 XL CN2
CUTTING STROKE OF THE BLADE (X AXIS) CORSA MASSIMA ORIZZONTALE DISCO (ASSE X)	3600 mm	4100 mm
MAXIMUM BRIDGE TRASLATION (Y AXIS) TRASLAZIONE MASSIMA DEL PONTE (ASSE Y)	2250-3660 mm	3660 mm
MAXIMUM VERTICAL TRAVEL OF THE BLADE (Z AXIS) CORSA MASSIMA VERTICALE DISCO (ASSE Z)	520 mm	520 mm
MAX ANGLE OF TILT HEAD (R AXIS) ANGOLO MASSIMO DI INCLINAZIONE DISCO (ASSE R)	0°÷90°	0°÷90°
MAXIMUM BLADE ROTATION (W AXIS) ANGOLO MASSIMO DI ORIENTAMENTO DISCO (ASSE W)	0°÷370°	0°÷370°
MAXIMUM BLADE DIAMETER DIAMETRO MASSIMO DISCO	625-725* mm	625-725* mm
BLADE HOLE DIAMETER DIAMETRO FORO	90 mm	90 mm
BLADE LOCKING FLANGE DIAMETER DIAMETRO FLANGE DISCO	213 mm	213 mm
MAXIMUM CUTTING DEPTH PROFONDITÀ DI TAGLIO MASSIMA	205-255* mm	205-255* mm
TABLE DIMENSION DIMENSIONE DELLA TAVOLA	2000 x 3500 mm	2000 x 4000 mm
POWER OF THE BLADE MOTOR POTENZA MOTORE DEL DISCO	16,5 (5 6) kW	16,5 (5 6) kW
SPINDLE SPEED OF ROTATION VELOCITÀ DI ROTAZIONE DEL MANDRINO	500÷4300-6000* rpm	500÷6000 rpm
SLIDE CUT SPEED (X AXIS) VELOCITÀ DI TAGLIO DELLA SLITTA (ASSE X)	0÷35 m/min	0÷35 m/min
BRIDGE TRANSLATION SPEED (Y AXIS) VELOCITÀ TRASLAZIONE DEL PONTE (ASSE Y)	0÷35 m/min	0÷35 m/min
VERTICAL MOVEMENT SPEED (Z AXIS) VELOCITÀ MOVIMENTO VERTICALE DISCO (ASSE Z)	0÷7,5 m/min	0÷7,5 m/min
TIME TO ROTATE HEAD 90° (W AXIS) TEMPO PER RUOTARE IL DISCO DI 90° (ASSE W)	1,5 sec	1,5 sec
WATER CONSUMPTION AT 3 BAR PORTATA ACQUA DI REFRIGERAZIONE A 3 BAR	50 l/min	50 l/min
AIR CONSUMPTION AT 6 BAR CONSUMO ARIA A 6 BAR	55-80 l/min	55-80 l/min
TOTAL MACHINE MASS MASSA COMPLESSIVA	4800 kg	5400 kg
MACHINE PACKING DIMENSIONS VOLUME IMBALLO MACCHINA IN VERSIONE STANDARD	20' O.T. container	20' O.T. container

*OPTIONAL

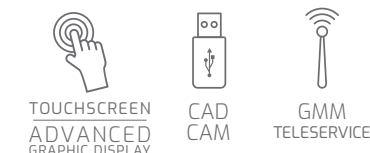


Programming and control unit

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.



Intra 520 CN2

3600 mm

2250-3660 mm

520 mm

0°÷90°

0°÷370°

Intra 520 XL CN2

4100 mm

3660 mm

520 mm

0°÷90°

0°÷370°

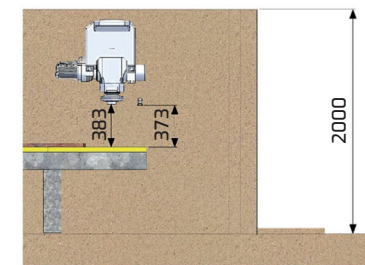
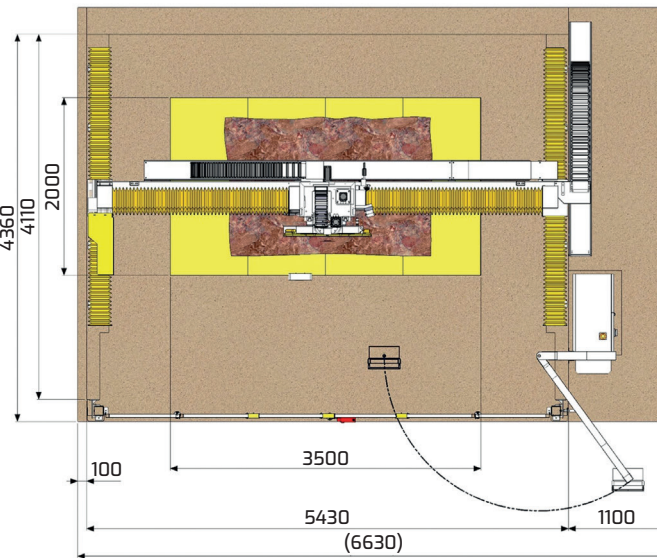
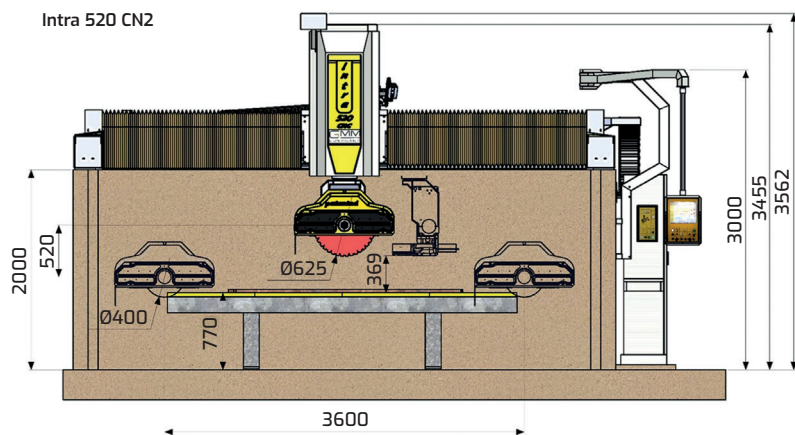
TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

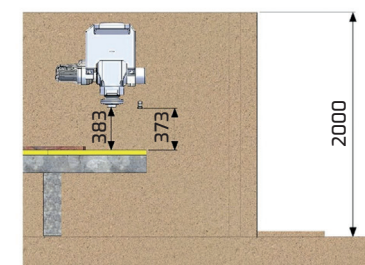
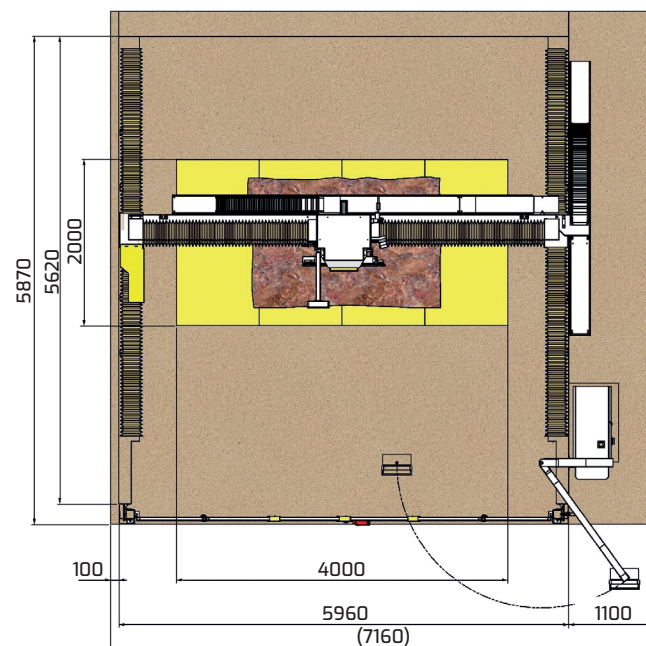
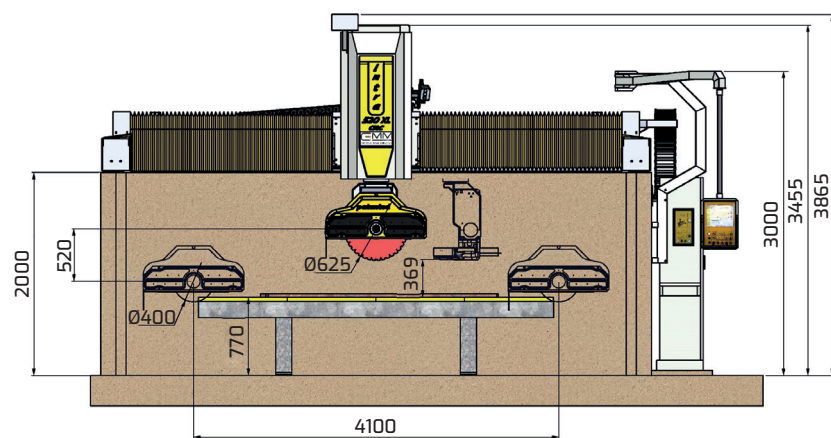
POWER & CONTROL

Intra 520 CN2
Intra 520 XL CN2

Intra 520 CN2



Intra 520 XL CN2

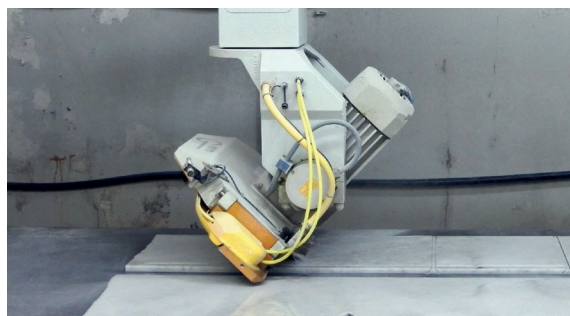


STANDARD MACHINE PROGRAM / PROGRAMMA MACCHINA BASE

COD. MF 200



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



Orthogonal cuts and polygons.
Tagli ortogonali e poligoni.



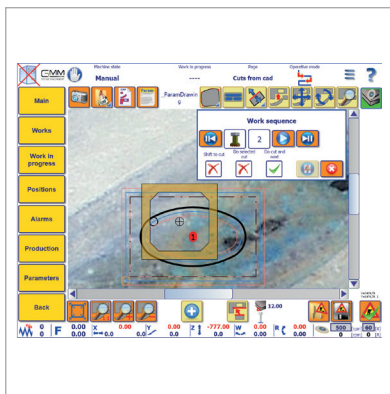
Circumferences, archs.
Circonfereze, archi.

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



TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

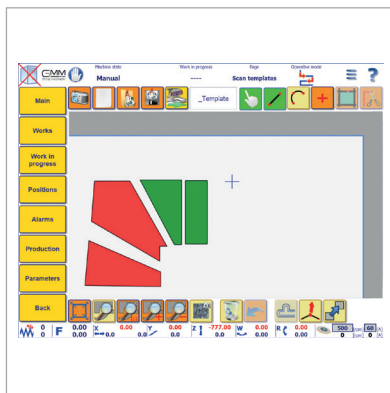
POWER & CONTROL

Intra 520 CN2
Intra 520 XL CN2

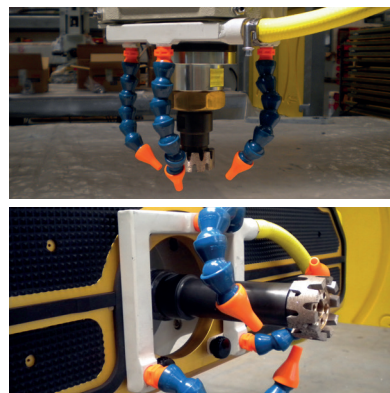
COD. A5453
CAMERA ON BOARD
TELECAMERA



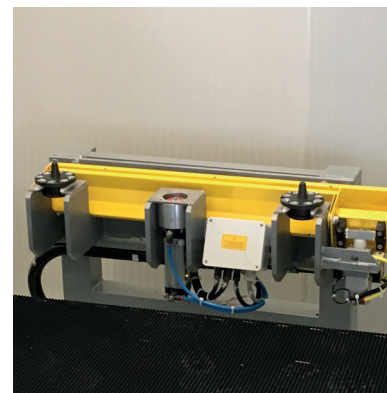
COD. A6423
OPTICAL TEMPLATE COPIER
RILEVATORE OTTICO DI DIME



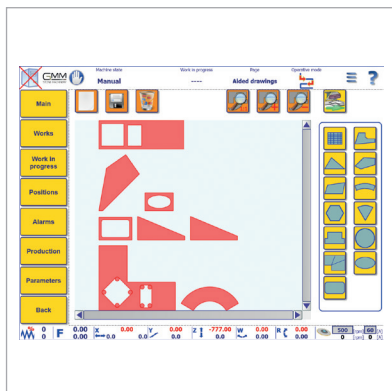
COD. A1462
CENTER WATER FEED MOTOR
MOTORE FORATO



COD. A1712
MAGNETIC TOOL CHANGER
CAMBIO UTENSILE MAGNETICO



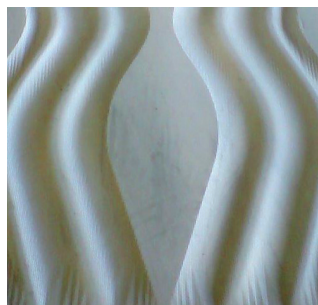
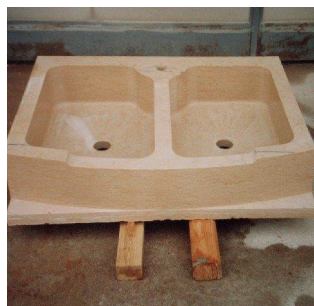
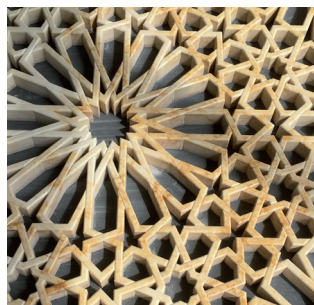
COD. A6450
PARAMETRIC PROGRAM
FIGURE PARAMETRICHE



COD. A2116
HYDRAULIC TILTING TABLE
BANCO RIBALTABILE IDRAULICO
2000 x 3500 mm



COD. A6443 - A6444
WORKS WITH CAD/CAM
LAVORAZIONI CAD/CAM



COD. A2805 (patent pending)
Rapid load/unload system
Scambiatore di pianali



Rapid load/unload system for slab using moving table tops.

Scambiatore di pianali portastre (4) (Patent Pending). Sistema rapido di carico/scarico sopratavole portalastra.

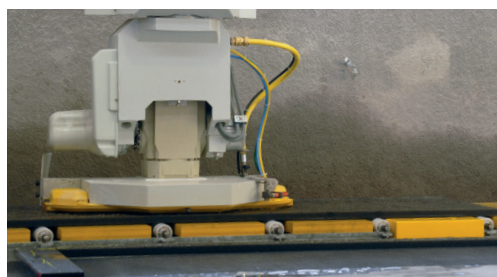
TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

POWER & CONTROL

Intra 520 CN2
Intra 520 XL CN2

COD. A1701
Rodding unit
Unità operatrice rodding



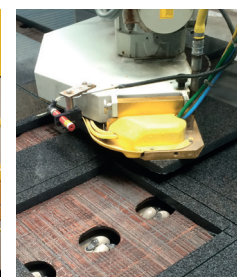
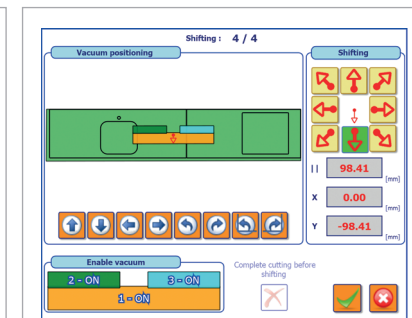
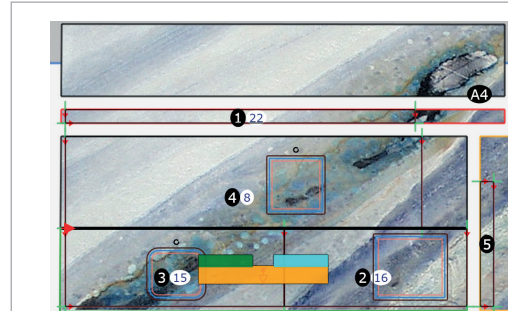
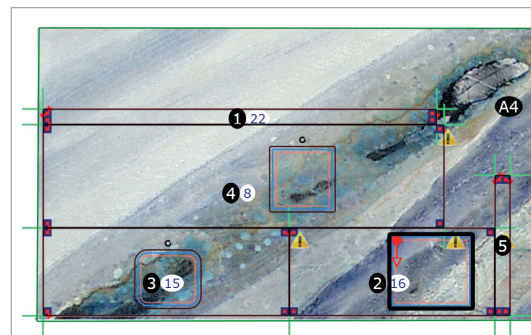
Rodding unit - used to create grooves in the rear side of the work piece (to be used, for example for re enforcing weaker materials) using Ø 250 mm blade mounted on a 9,5 kW (12.75 hp) S6 motor.

Unità operatrice 'rodding' per eseguire la scanalatura di alloggiamento dei rinforzi metallici nella parte inferiore della lastra - Ø disco 250 mm - motore 9,5 kW S6.

COD. A2656
Vacuum system
Ventose

COD. 2646
Ø 625 mm

COD. 2643
Ø 725 mm



Vacuum system with 3 sections, disc casing of Ø 625-725 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 Ø 625-725 mm, in sostituzione dello standard, realizzato in lega speciale di alluminio pressofuso, resistente alla corrosione, rinforzato e nervato.

Intra 520 CN2 | Intra 520 XL CN2 10.2019

GMM
STONE MACHINERY



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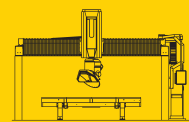
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Intra 520 CN2 | Intra 520 XL CN2



5-AXIS SAWING MACHINES / FRESE 5 ASSI

Brio Easy 400 CN2 | Extra 400 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.