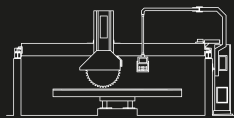




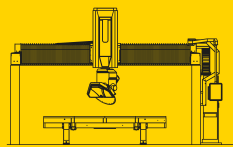
POWER & CONTROL

Extra 400 CN2

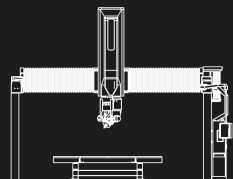
MONOBLOCK CNC 5-AXIS SAWING MACHINE / FRESA A PONTE MONOBLOCCO CNC 5 ASSI



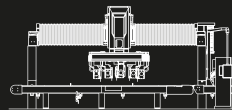
BRIDGE SAWING MACHINES
SEGATRICI A PONTE



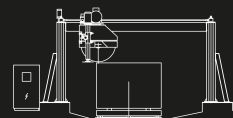
5-AXIS SAWING MACHINES
FRESE 5 ASSI



5-AXIS SHAPING MACHINES
SAGOMATRICI 5 ASSI



CUTTING CENTER MACHINES
CENTRI DI TAGLIO



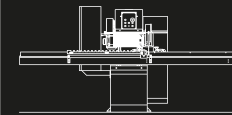
BLOCK CUTTER
TAGLIABLOCCHI



EDGE POLISHER / LUCIDACOSTE



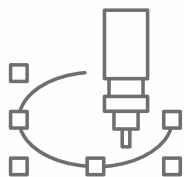
CALIBRATING AND POLISHING MACHINES
CALIBRATRICI-LUCIDATRICI



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).

4.0
INDUSTRY
READY

4.0 INDUSTRY READY

extra chc
CMM

patented

370°

90°

TOUCHSCREEN ADVANCED GRAPHIC DISPLAY

CAD CAM

GMM TELESERVICE

X axis 3700 mm

Y axis 2700 mm

Z axis 400 mm

R axis 0°÷90°

W axis 0°÷370°

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.



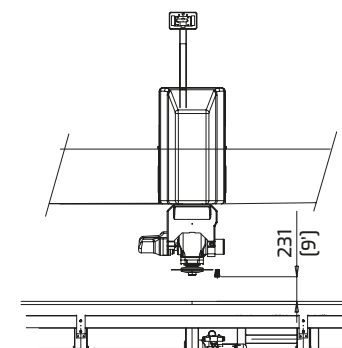
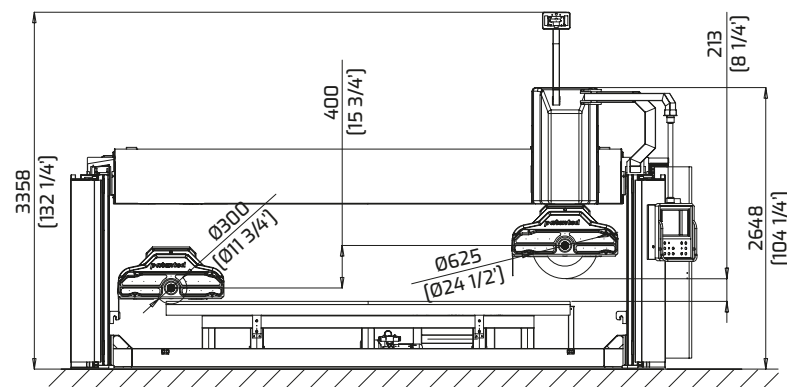
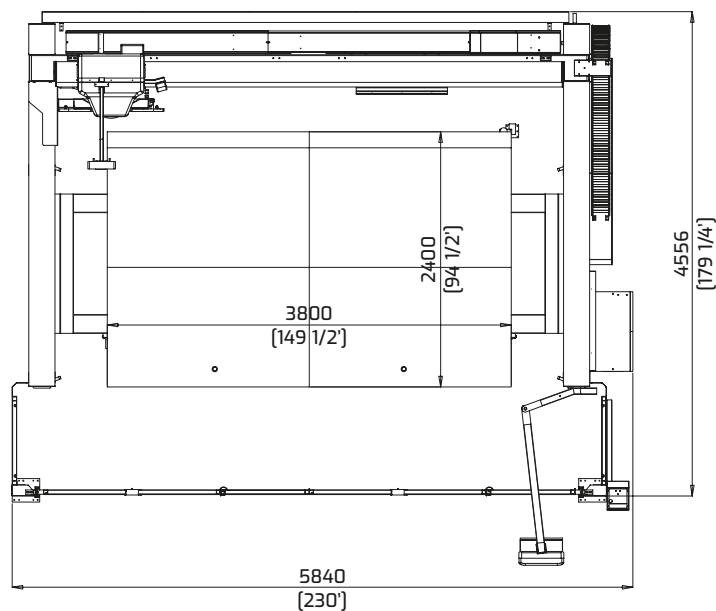
Orthogonal cuts and polygons.

Tagli ortogonali e poligoni.



Circumferences, archs.

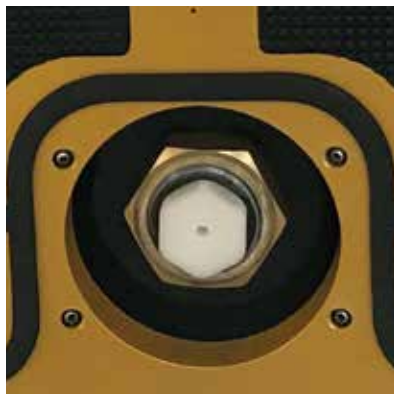
Circonfereze, archi.



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



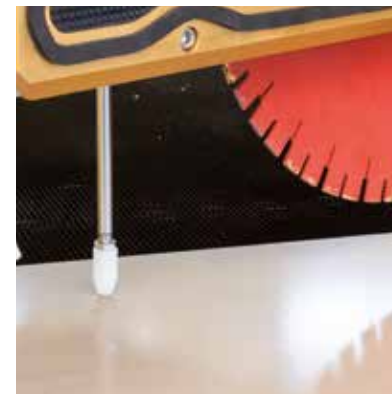
COD. A5501

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



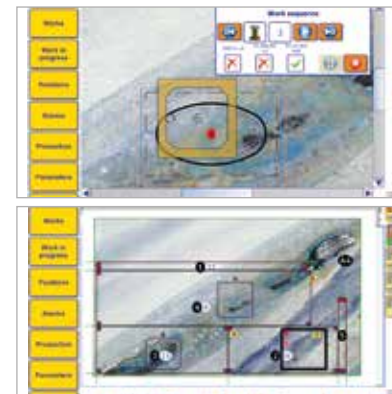
COD. A6450

PARAMETRIC PROGRAM
FIGURE PARAMETRICHE

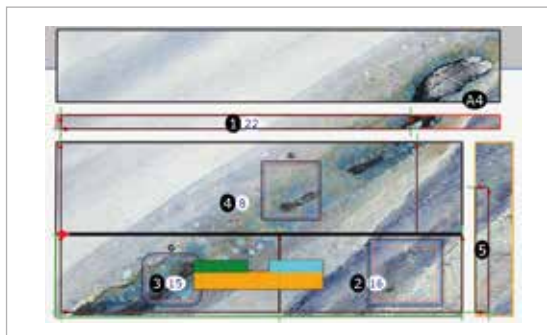
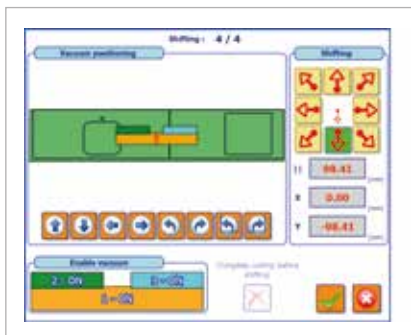
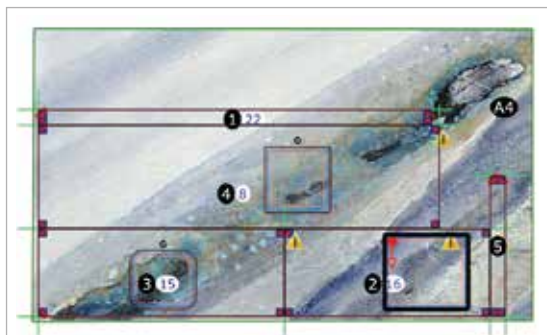


COD. A6457

PROGRAM COMBINED CUTS FROM CAD
PROGRAMMA TAGLI DA CAD COMBINATI



COD. A2646
Vacuum system
Ventose



Vacuum system with 3 sections, disc casing of Ø 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 Ø 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.



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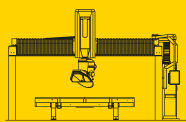
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Extra 400 CN2



5-AXIS SAWING MACHINES / FRESE 5 ASSI

Brio Easy 400 CN2 | Extra 480 CNC | 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.

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