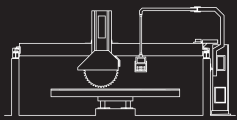




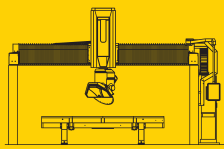
POWER & CONTROL

Brio 35 easy CN2 Brio 35 CN2

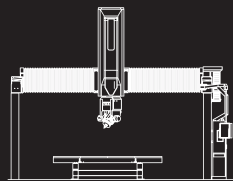
MONOBLOCK CNC 5-AXIS SAWING MACHINE / FRESA A PONTE MONOBLOCCO CNC 5 ASSI



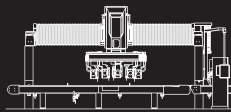
BRIDGE SAWING MACHINES
SEGATRICI A PONTE



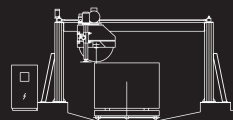
5-AXIS SAWING MACHINES
FRESE 5 ASSI



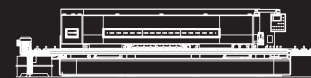
5-AXIS SHAPING MACHINES
SAGOMATRICI 5 ASSI



CUTTING CENTER MACHINES
CENTRI DI TAGLIO



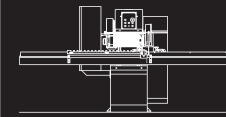
BLOCK CUTTER
TAGLIABLOCCHI



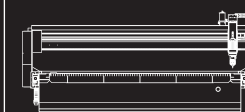
EDGE POLISHER / LUCIDACOSTE



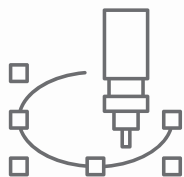
CALIBRATING AND POLISHING MACHINES
CALIBRATRICI-LUCIDATRICI



LINE ACCESSORIES
COMPLEMENTI DI LINEA



WATER JET



CNC
TECHNOLOGY



 YouTube





Monoblock 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 Brio "easy" 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.

- Full 5 axis interpolation with rotating head from 0°-370°, and tilting head EITHER in manual (0°-45°) or fully automated (0°-90°).
- Max blade size 625 mm (25 in) with Z axis (rise and fall movement) 350 mm (13.8 in).
- The complete structure is made up of hot dipped galvanized steel structures including the integrated tilting table – 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 from the CNC.
- Electro spindle running up to 4300 rpm (6000 on request) with centre waterfeed and a 36x2 or 1/2 gas fitting (on request).
- Suspended pendant with 15" TFT colour touchscreen. Machine is equipped with USB/Ethernet port for easy loading of programs. Stainless steel electrical panel.



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

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

- Testa orientabile di 370° e inclinabile manuale da 0° a 45° (inclinazione di 90° automatica opzionale).
- Disco fino a 625 mm di diametro azionato da inverter.
- Corsa verticale (asse Z) da 350 mm.
- Tutte le strutture principali della macchina sono in acciaio zincato a caldo, compreso la tavola ribaltabile di serie.
- 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 con filetto da 36x2 - 1/2" gas (a richiesta).



Sierra a puente monobloque 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.

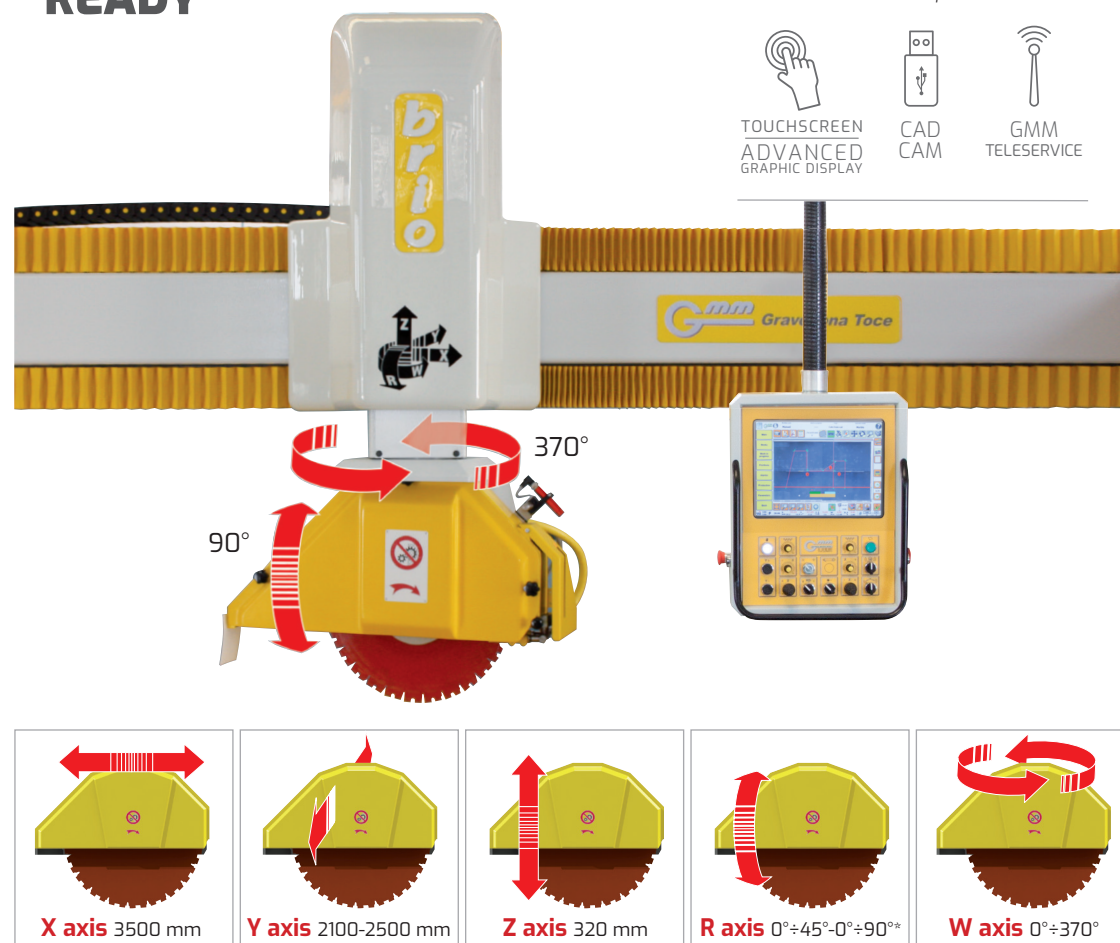
En la versión "easy" la máquina se monta en muros de cemento sin mesa.

- Cabezal orientable de 370° e inclinación manual de 0° a 45° (inclinación a 90° automática opcional).
- Disco hasta 625 mm de diámetro accionado por inverter.
- Carrera vertical (eje Z) de 350 mm.
- Toda la estructura de la máquina es en acero galvanizado en caliente, incluida la mesa inclinable de serie.
- Barrera de seguridad por foto celda.
- 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.
- Consola pensil con video 6,5" TFT a colores touchscreen con puerto USB y cuadro eléctrico en acero inoxidable.

TECHNICAL DATA / DATI TECNICI

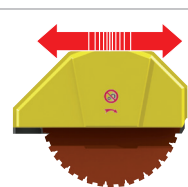
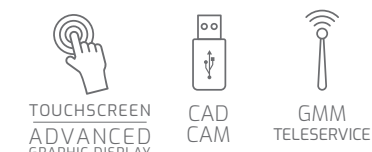
	Brio 35 easy CN2	Brio 35 CN2
CUTTING STROKE OF THE BLADE (X AXIS) CORSA MASSIMA ORIZZONTALE DISCO (ASSE X)	3500 mm	3500 mm
MAXIMUM BRIDGE TRASLATION (Y AXIS) TRASLAZIONE MASSIMA DEL PONTE (ASSE Y)	2500 mm	2100 mm
MAXIMUM VERTICAL TRAVEL OF THE BLADE (Z AXIS) CORSO MASSIMA VERTICALE DISCO (ASSE Z)	320 mm	320 mm
MAX ANGLE OF TILT HEAD (R AXIS) ANGOLO MASSIMO DI INCLINAZIONE DISCO (ASSE R)	0°÷45°-0°÷90°*	0°÷45°-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 mm	625 mm
BLADE HOLE DIAMETER DIAMETRO FORO	50-60* mm	50-60* mm
BLADE LOCKING FLANGE DIAMETER DIAMETRO FLANGE DISCO	213 mm	213 mm
MAXIMUM CUTTING DEPTH PROFONDITÀ DI TAGLIO MASSIMA	205 mm	205 mm
TABLE DIMENSION DIMENSIONE DELLA TAVOLA	2000 x 3500* mm	2000 x 3400 mm
MAX TILTING CAPACITY (ONLY TOP) PORTATA DI RIBALTAMENTO	1500 kg	800 kg
POWER OF THE BLADE MOTOR POTENZA MOTORE DEL DISCO	13 (5 6) kW	13 (5 6) kW
BLADE SPEED AT 50 Hz (60Hz) VELOCITÀ DI ROTAZIONE DEL MANDRINO A 50 Hz (60Hz)	800÷4300-6000* rpm	800÷4300-6000* rpm
VARIABLE CUTTING AND RETURN SPEEDS VELOCITÀ DI AVANZAMENTO DI TAGLIO REGOLABILE	0÷24 m/min	0÷24 m/min
WATER CONSUMPTION AT 3 BAR PORTATA ACQUA DI REFRIGERAZIONE A 3 BAR	40 l/min	40 l/min
AIR CONSUMPTION AT 8 BAR CONSUMO ARIA A 8 BAR	3 l/min	3 l/min
TOTAL MACHINE MASS MASSA COMPLESSIVA	3200 kg	3570 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.

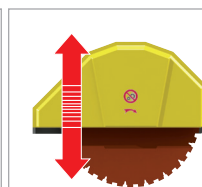
Unità di programmazione e controllo
Display TFT a colori da 15" touchscreen con connessione LAN e porta USB.



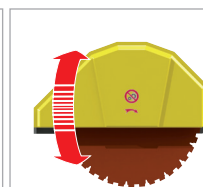
X axis 3500 mm



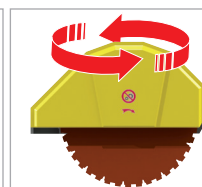
Y axis 2100-2500 mm



Z axis 320 mm



R axis 0°÷45°-0°÷90°*



W axis 0°÷370°

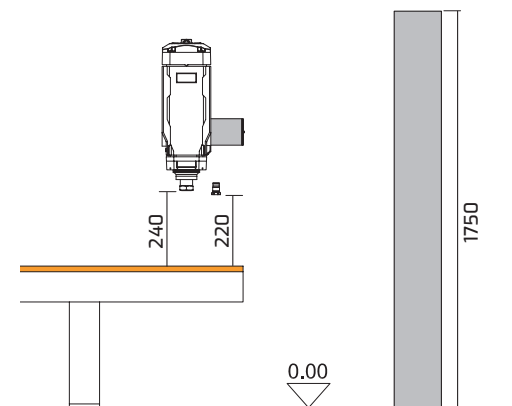
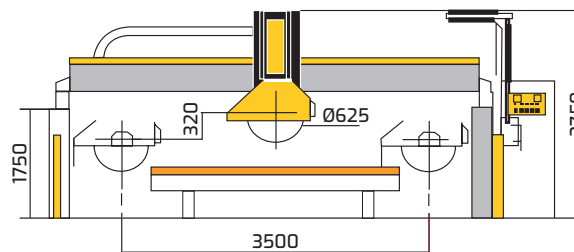
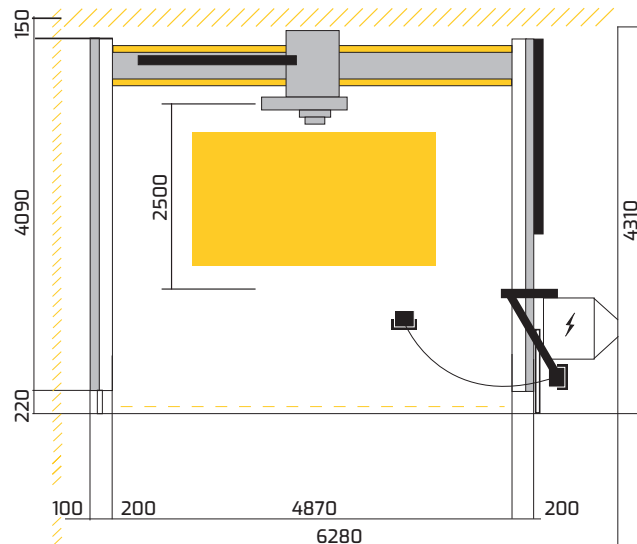
TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

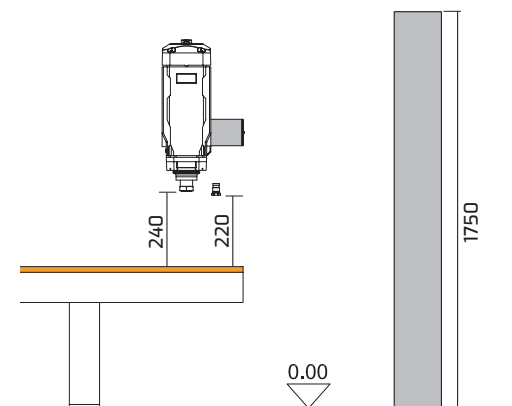
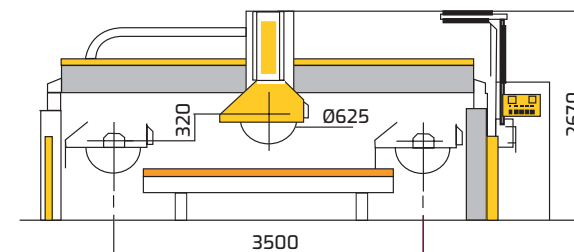
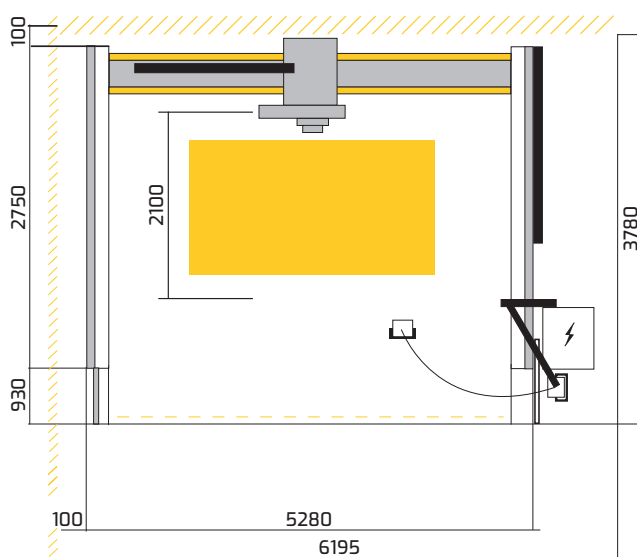
POWER & CONTROL

Brio 35 easy CN2
Brio 35 CN2

Brio 35 easy CN2



Brio 35 CN2

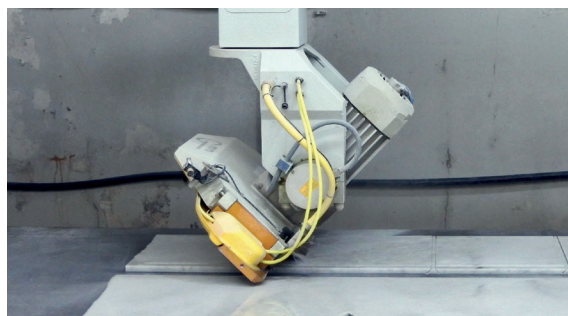


STANDARD MACHINE PROGRAM / PROGRAMMA MACCHINA BASE

COD. MF 151 - COD. MF 152 (easy)



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



Orthogonal cuts and polygons.
Tagli ortogonali e poligoni.



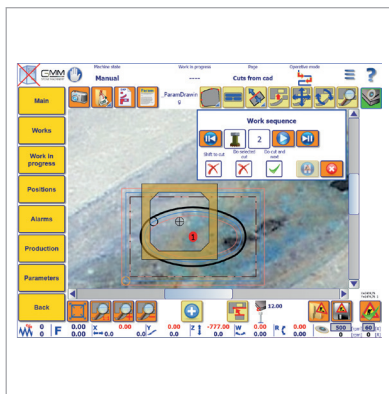
Circumferences, archs.
Circonferenze, archi.

OPTIONAL ON REQUEST / OPZIONALI A RICHIESTA

COD. A6446
CUTS FROM CAD
TAGLI DA CAD



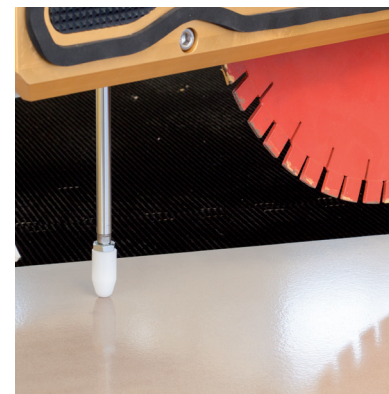
COD. A6447
CONTOURING 2D
CONTORNATURA 2D



COD. A5501
TOOL DIAMETER CONTROL
LETTORE DIAMETRO UTENSILE



COD. A5504
SLAB THICKNESS READER
LETTORE SPESSORE LASTRA



Vacuum system shown in the photographs is not available for Brio models.

La ventosa illustrata nelle fotografie non è applicabile ai modelli Brio.

TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

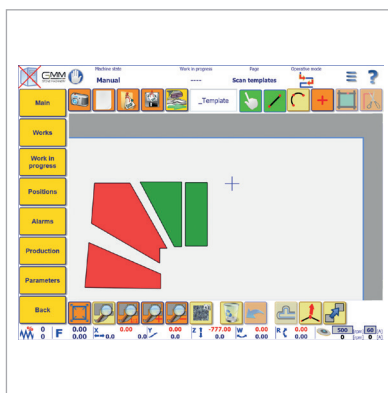
POWER & CONTROL

Brio 35 easy CN2
Brio 35 CN2

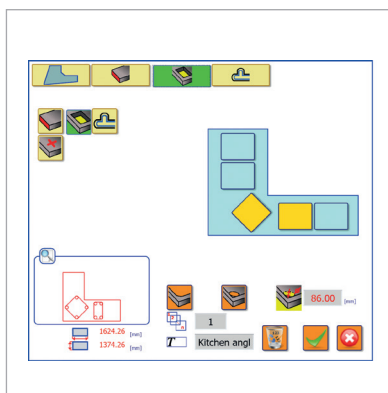
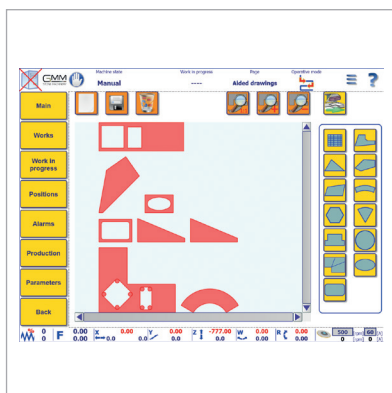
COD. A5453
CAMERA ON BOARD
TELECAMERA



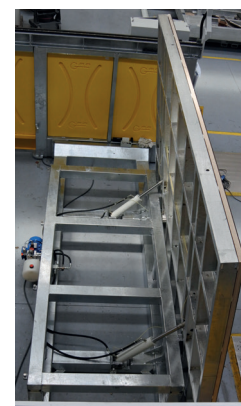
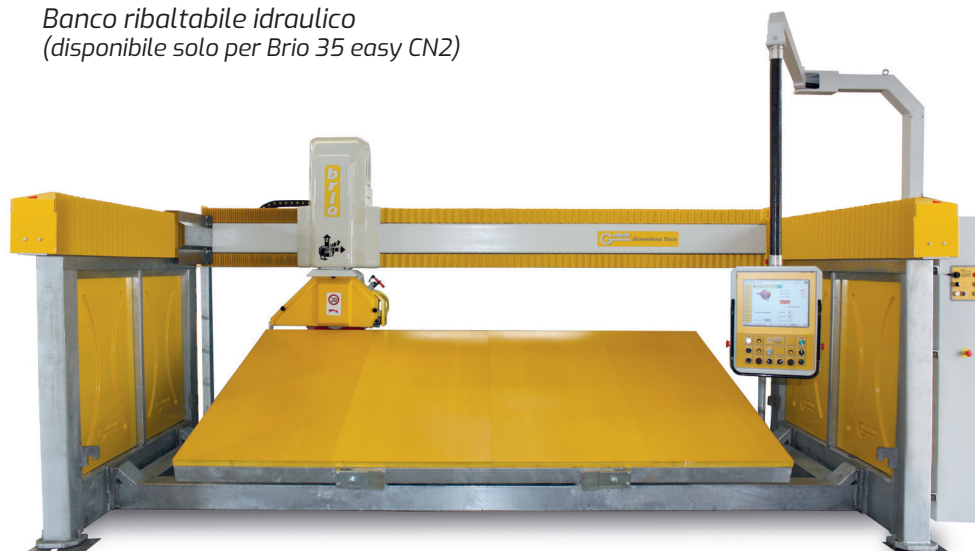
COD. A6423
OPTICAL TEMPLATE COPIER
RILEVATORE OTTICO DI DIME



COD. A6450
PARAMETRIC PROGRAM
FIGURE PARAMETRICHE



COD. A2120
Hydraulic tilting table
(only available for Brio 35 easy CN2)
*Banco ribaltabile idraulico
(disponibile solo per Brio 35 easy CN2)*



Hydraulic tilting table hot dipped galvanized structure. The sawing surface is in hard non deforming plastic.
3500x2000 mm.
Only available for Brio 35 easy CN2.

*Banco ribaltabile idraulico in acciaio zincato a caldo con copertura in plastica.
3500x2000 mm.
Disponibile solo per Brio 35 easy CN2.*