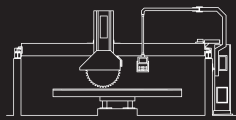


**GMM**  
STONE MACHINERY

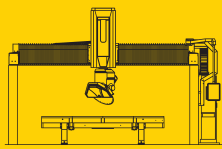
POWER & CONTROL

# Brio Easy 400 CN2

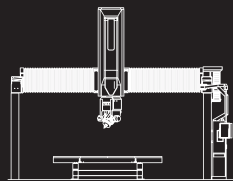
CNC 5-AXIS SAWING MACHINE / FRESATRICE CNC 5 ASSI



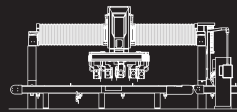
BRIDGE SAWING MACHINES  
SEGATRICI A PONTE



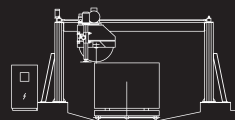
5-AXIS SAWING MACHINES  
FRESE 5 ASSI



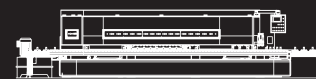
5-AXIS SHAPING MACHINES  
SAGOMATRICI 5 ASSI



CUTTING CENTER MACHINES  
CENTRI DI TAGLIO



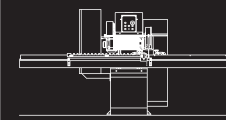
BLOCK CUTTER  
TAGLIABLOCCHI



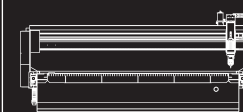
EDGE POLISHER / LUCIDACOSTE



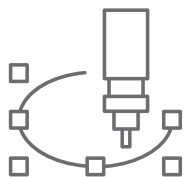
CALIBRATING AND POLISHING MACHINES  
CALIBRATRICI-LUCIDATRICI



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 polycarbonato.
- 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.*

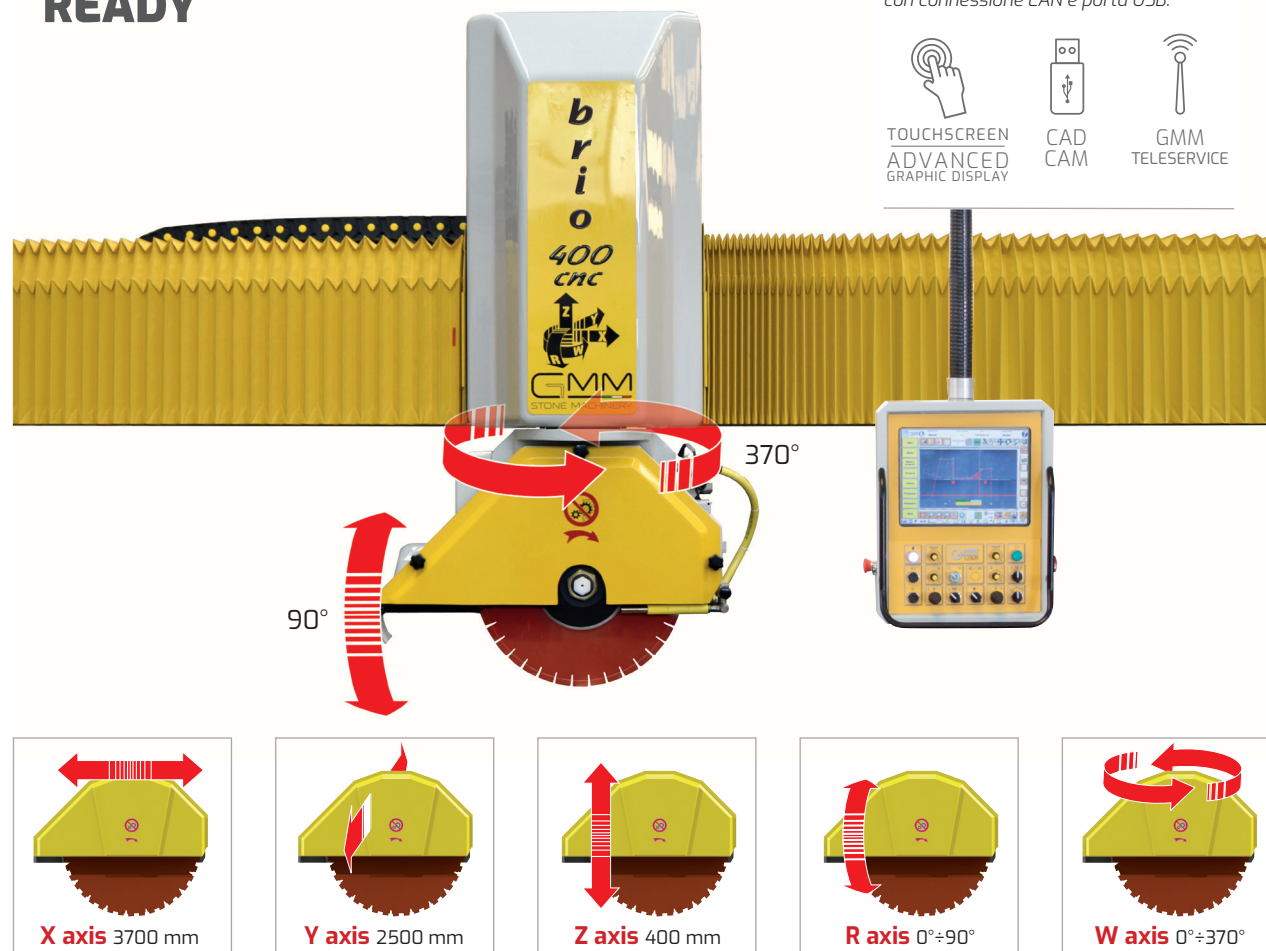
**En la versión standard la maquina se monta en muros de cemento sin mesa.**

- 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 polycarbonato.
- 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

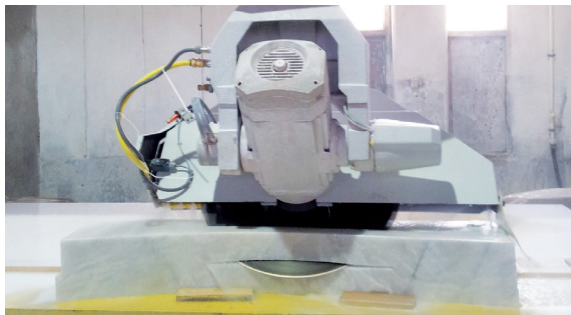
|                                                                                         |                    |
|-----------------------------------------------------------------------------------------|--------------------|
| CUTTING STROKE OF THE BLADE (X AXIS)<br>CORSA MASSIMA ORIZZONTALE DISCO (ASSE X)        | 3700 mm            |
| MAXIMUM BRIDGE TRASLATION (Y AXIS)<br>TRASLAZIONE MASSIMA DEL PONTE (ASSE Y)            | 2500 mm            |
| MAXIMUM VERTICAL TRAVEL OF THE BLADE (Z AXIS)<br>CORSA MASSIMA VERTICALE DISCO (ASSE Z) | 400 mm             |
| MAX ANGLE OF TILT HEAD (R AXIS)<br>ANGOLO MASSIMO DI INCLINAZIONE DISCO (ASSE R)        | 0°÷90°             |
| MAXIMUM BLADE ROTATION (W AXIS)<br>ANGOLO MASSIMO DI ORIENTAMENTO DISCO (ASSE W)        | 0°÷370°            |
| MINIMUM-MAXIMUM BLADE DIAMETER<br>DIAMETRO MINIMO-MASSIMO DISCO STANDARD                | 300-625 mm         |
| MAXIMUM CUTTING DEPTH<br>PROFONDITÀ DI TAGLIO MASSIMA                                   | 205 mm             |
| BLADE HOLE DIAMETER<br>DIAMETRO FORO                                                    | 50/60 mm           |
| BLADE LOCKING FLANGE DIAMETER<br>DIAMETRO FLANGE DISCO                                  | 213 mm             |
| TABLE DIMENSION<br>DIMENSIONE DELLA TAVOLA                                              | 2000x3500 mm       |
| BLADE MOTOR POWER<br>POTENZA MOTORE DEL DISCO                                           | 13 (56) kW         |
| BLADE SPEED<br>VELOCITÀ DI ROTAZIONE DISCO REGOLABILE                                   | 800÷4500-6000* rpm |
| SLIDE CUT SPEED (X AXIS)<br>VELOCITÀ DI TAGLIO DELLA SLITTA (ASSE X)                    | 0÷35 m/min         |
| BRIDGE TRANSLATION SPEED (Y AXIS)<br>VELOCITÀ TRASLAZIONE DEL PONTE (ASSE Y)            | 0÷35 m/min         |
| VERTICAL MOVEMENT SPEED (Z AXIS)<br>VELOCITÀ MOVIMENTO VERTICALE DISCO (ASSE Z)         | 0÷7,5 m/min        |
| WATER CONSUMPTION AT 3 BAR<br>PORTATA ACQUA DI REFRIGERAZIONE A 3 BAR                   | 40 l/min           |
| TOTAL MACHINE MASS<br>MASSA COMPLESSIVA                                                 | 4200 kg            |
| MACHINE PACKING DIMENSIONS<br>VOLUME IMBALLO MACCHINA IN VERSIONE STANDARD              | 20' O.T. container |

\*OPTIONAL



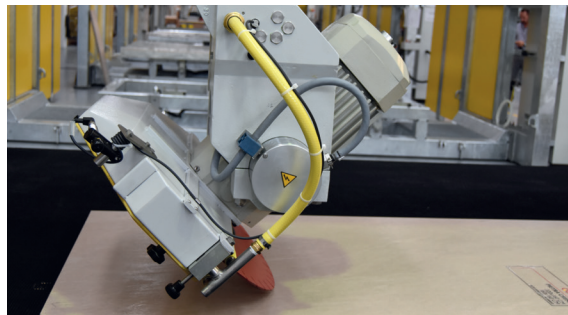
## STANDARD MACHINE PROGRAM / PROGRAMMA MACCHINA BASE

COD. MF 157



Single cut, multiple cuts, inclined or mitre cuts.

Taglio singolo, tagli multipli, tagli inclinati e obliqui.



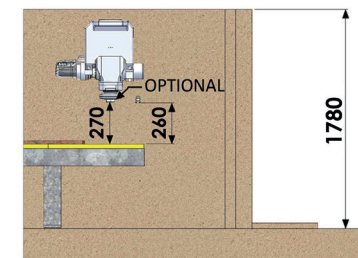
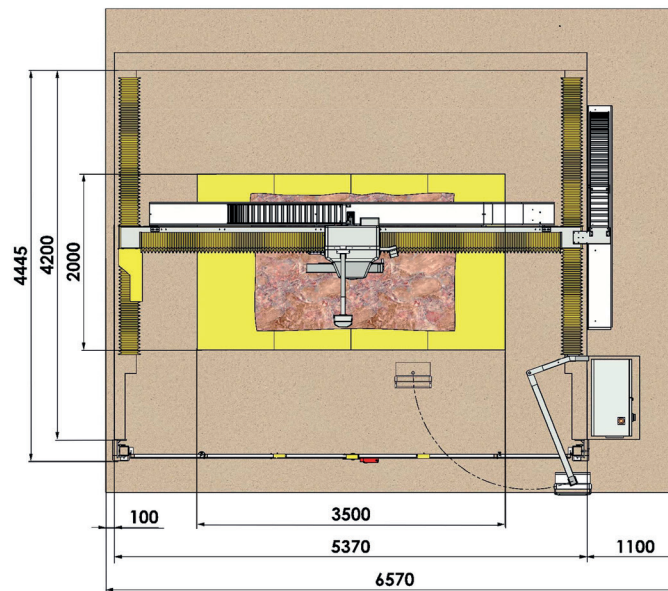
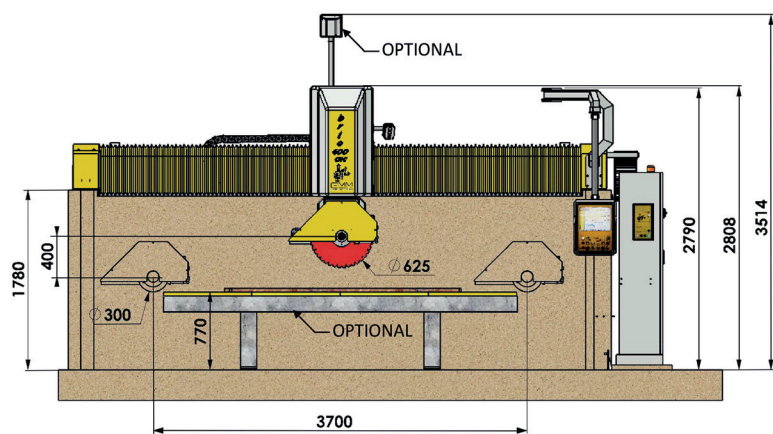
Orthogonal cuts and polygons.

*Tagli ortogonali e poligoni.*



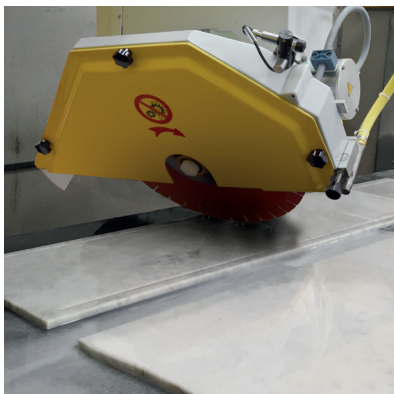
Circumferences, archs.

*Circonferenze, archi.*

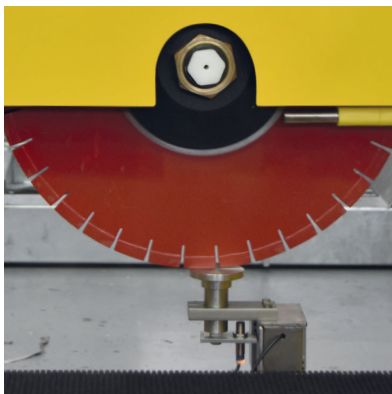


OPTIONAL ON REQUEST / OPZIONALI A RICHIESTA

**COD. A6446**  
CUTS FROM CAD  
TAGLI DA CAD



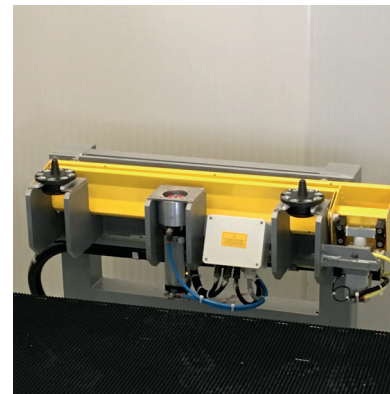
**COD. A5501**  
TOOL DIAMETER CONTROL  
LETTORE DIAMETRO UTENSILE



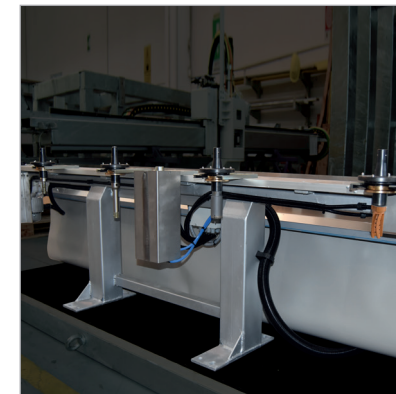
**COD. A5504**  
SLAB THICKNESS READER  
LETTORE SPESSORE LASTRA



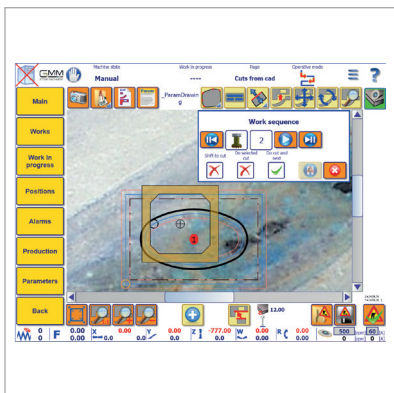
**COD. A1712**  
TWO POSITION MAGNETIC TOOL CHANGER FOR  
AUTO CHANGING CORE BITS  
CAMBIO UTENSILE MAGNETICO A DUE  
POSIZIONI PER FORATURA IN AUTOMATICO



**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



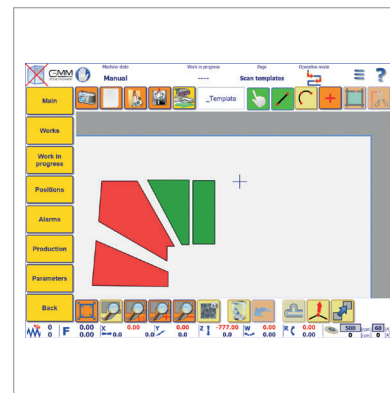
**COD. A6457**  
PROGRAM COMBINED CUTS FROM CAD  
PROGRAMMA TAGLI DA CAD COMBINATI



**COD. A5453**  
CAMERA ON BOARD  
TELECAMERA



**COD. A6423**  
OPTICAL TEMPLATE COPIER  
RILEVATORE OTTICO DI DIME



TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

POWER & CONTROL

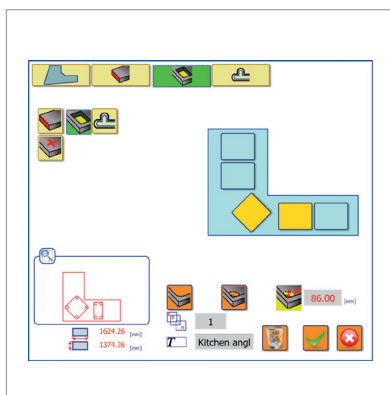
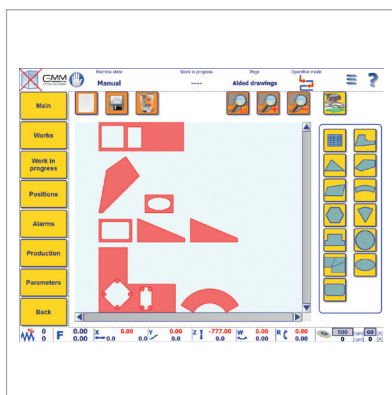
Brio Easy 400 CN2

COD. A2120  
Hydraulic tilting table  
(OPTIONAL)

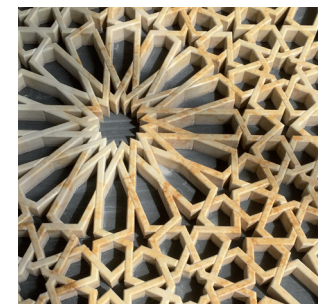
*Banco ribaltabile idraulico  
(OPTIONAL)*



COD. A6450  
PARAMETRIC PROGRAM  
FIGURE PARAMETRICHE



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



Brio Easy 400 CN2 10.2019

**GMM**  
STONE MACHINERY



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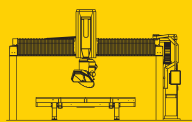
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Brio Easy 400 CN2



**5-AXIS SAWING MACHINES / FRESE 5 ASSI**

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

Technical data are not binding and may be changed by GMM without prior notice.  
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.