

GMM
STONE MACHINERY

POWER & CONTROL

力拓 数控

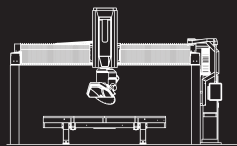
Litox 1000 CN2

CNC 5-AXIS BRIDGE SHAPING MACHINE

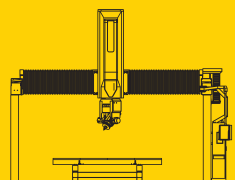
数控五轴三维雕刻机



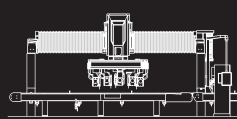
BRIDGE SAWING MACHINES



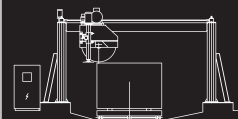
5-AXIS SAWING MACHINES



5-AXIS SHAPING MACHINES
数控五轴三维雕刻机



CUTTING CENTER MACHINES



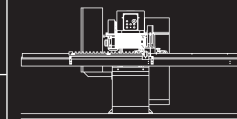
BLOCK CUTTER



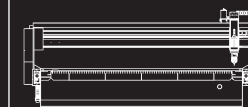
EDGE POLISHER



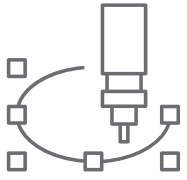
CALIBRATING AND POLISHING MACHINES



LINE ACCESSORIES



WATER JET



CNC 数控

TECHNOLOGY 技术



YouTube



意美美
GmmChina

**TECHNOLOGY & INNOVATION****EXPERIENCE & QUALITY****POWER & CONTROL****Litox 力拓 1000 CN2**

- Full 6 axis interpolation
- Rotating head from 0°- 370°
- Automatic tilting from 0°- 90°
- Maximum blade size 1100mm (43.3 inches) with inverter drive
- Z axis (rise and fall movement): 1000mm (39.4 inches)
- Hot dipped galvanized steel non rotating table with variable height saw surface in high density plastic or rubber matting (optional)
- The principle sections of the machine are made from solid cast with ancillary parts 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 from the CNC
- Electro spindle running up to 6000 rpm with center waterfeed and a 36x2 or 1/2" GAS fitting OR (on request) ISO40/50 cone fitting running at up to 8000 rpm for automatic tool change
- Suspended pendant with 15" TFT colour touch screen
- Machine is equipped with USB/Ethernet port for easy loading of programs
- Stainless steel electrical panel
- Software which controls 6 axis (X-Y-Z-W-R-lathe) and TOOL POINT control

The Litox 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, profiling and shaping, curb programming, drilling and lettering, and spiral work pieces, 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.

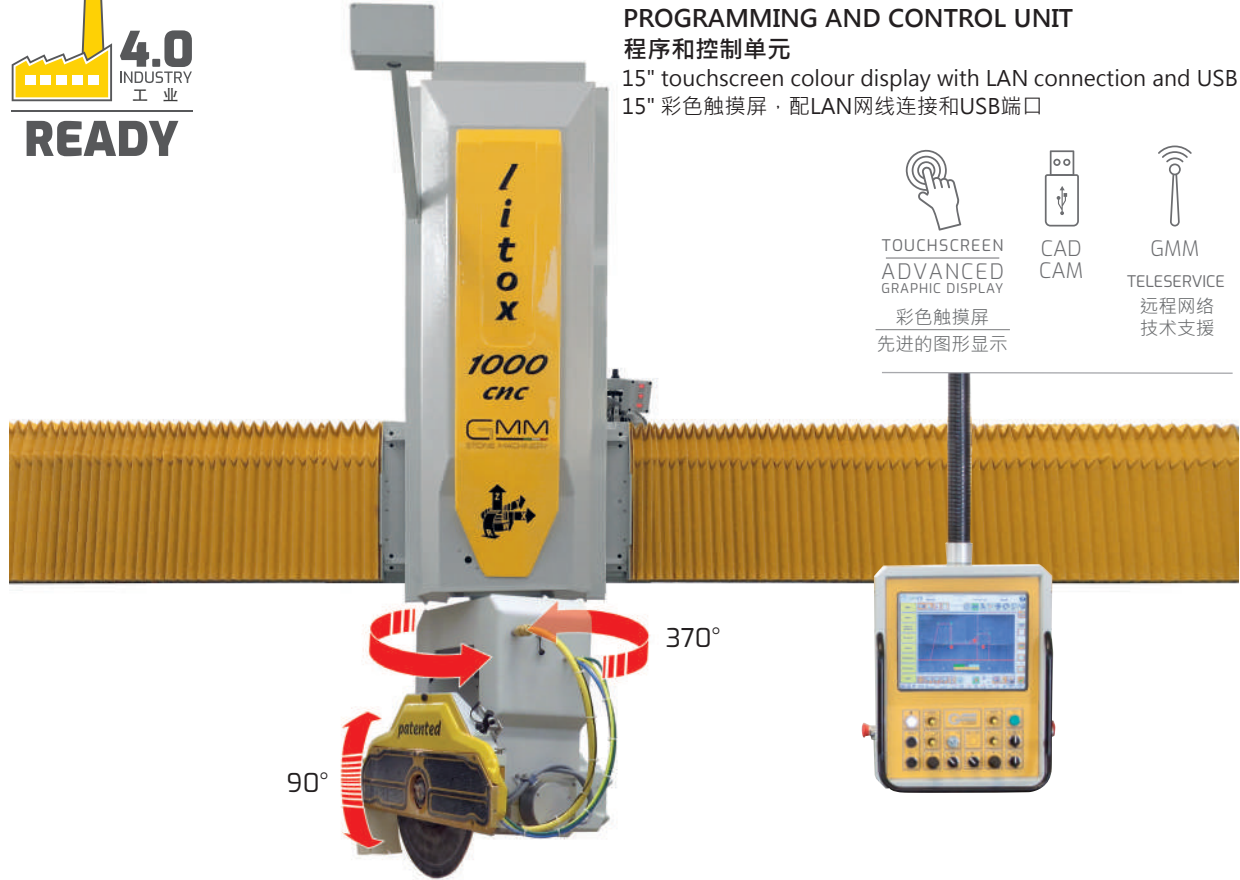
- 6轴联动
- 工作头自动旋转 0°- 370°
- 工作头自动倾斜 0°- 90°
- 最大锯片直径 1100 毫米 (43.3 吋) · 配锯片变频器
- Z轴 (垂直升降移动) : 1000毫米 (39.4 吋)
- 高密度塑料或橡胶的热浸镀锌钢非旋转工作台面 (可调较高度)
- 主要零件由坚固的铸铁制成 · 配套部分则由热浸镀锌钢板构成并提供折叠门式的保护屏障
- 所有运转轴在无刷电机的控制下快速和精准地移动 · CNC操控各轴联动 · 精密齿轮箱 · 绝对编码器 · 循环球轴承
- 电动主轴转速为 6000 rpm · 中央出水 · 工具均采用 36×2 的细螺纹或 1/2 吋公制螺纹连接或(按要求) 用 ISO40/50 锥柄接头自动换刀 · 运行速度高达 8000 rpm
- 悬挂式 15吋 TFT 彩色触摸屏
- 机器配备了USB/以太网端口 · 输入输出程序更加方便
- 不锈钢电控柜
- 软件 (X-Y-Z-W-R-车床) 和工具中心点 (TPC)

力拓 集合了传统红外线和现代数控桥切机的优点 · 以更加简易、直观、高效的软件操作系统进行加工绘图 · 并直接输出数控程序。其他可选功能包括：双台面切换自动换刀系统 · 专业数码摄像头进行实时工作照片采集 · 实时处理坏点、裂纹 · 并同步输出切割程序 · 并配有真空吸盘自动装卸材料 · 以极高的效率进行各种异形板切割和底部开槽 · 真正实现一体操作 · 无缝对接。附加选择：实时五轴车床加工。



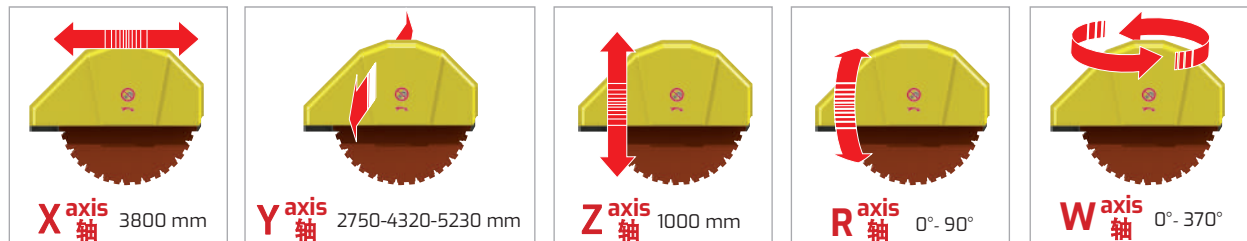
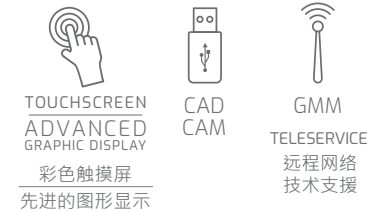
TECHNICAL DATA 技术参数

CUTTING STROKE OF THE BLADE (X AXIS) 切割行程 (X轴)	3800 mm
MAXIMUM BRIDGE TRANSLATION (Y AXIS) 最大桥身横移行程 (Y轴)	2750 - 4320 - 5230 mm
MAXIMUM VERTICAL TRAVEL OF THE BLADE (Z AXIS) 最大垂直行程 (Z轴)	1000 mm
MAXIMUM ANGLE OF TILT HEAD (R AXIS) 工作头最大倾斜角 (R轴)	0° - 90°
MAXIMUM BLADE ROTATION (W AXIS) 最大旋转角度 (W轴)	0° - 370°
MAXIMUM VERTICAL BLADE DIAMETER 垂直锯片最大直径	925 / 1300* mm
BLADE HOLE DIAMETER 锯片中心孔直径	60 mm
BLADE LOCKING FLANGE DIAMETER 锯片固定法兰直径	250 mm
MAXIMUM CUTTING DEPTH 最大切割深度	335 / 520* mm
TABLE DIMENSION 工作台尺寸	2000 x 3500 mm
POWER OF THE BLADE MOTOR 锯片马达功率	32 (5.6) kW
SPINDLE SPEED OF ROTATION 主轴旋转转速	500 - 6000 rpm
SLIDE CUT SPEED (X AXIS) 工作头滑切速度 (X轴)	0 - 35 m/min
BRIDGE TRANSLATION SPEED (Y AXIS) 桥移速度 (Y轴)	0 - 35 m/min
VERTICAL MOVEMENT SPEED (Z AXIS) 垂直移动速度 (Z轴)	0 - 7.5 m/min
TIME TO ROTATE HEAD 90° (W AXIS) 旋转工作头90°的时间 (W轴)	1.5 sec
WATER CONSUMPTION AT 3 BAR 水压耗量3巴时	50 l/min
AIR CONSUMPTION AT 6 BAR 气压耗量6巴时	55 - 80 l/min
TOTAL MACHINE MASS 设备总重	7500 kg
MACHINE PACKING DIMENSIONS 装运规格	40' O.T. container 开顶柜



**PROGRAMMING AND CONTROL UNIT
程序和控制单元**

15" touchscreen colour display with LAN connection and USB port.
15" 彩色触摸屏 · 配LAN网线连接和USB端口



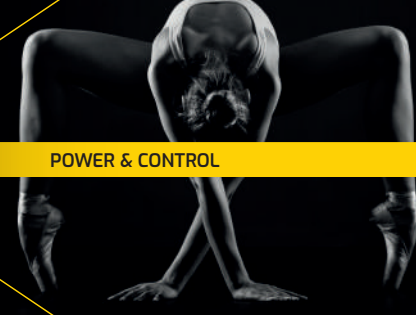
TECHNOLOGY & INNOVATION



EXPERIENCE & QUALITY



POWER & CONTROL

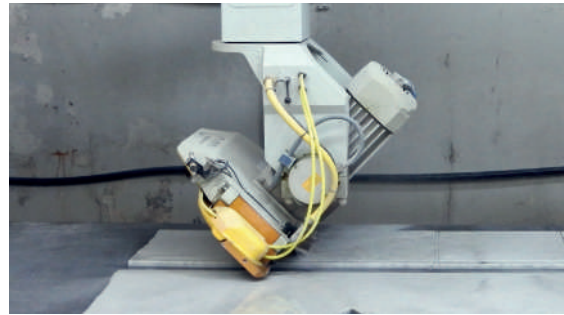


Litox 力拓 1000 CN2

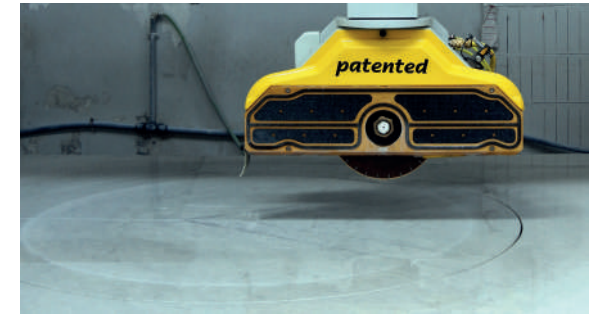
CODE: MF401 STANDARD MACHINE PROGRAM
编号: MF401 机械标准程序



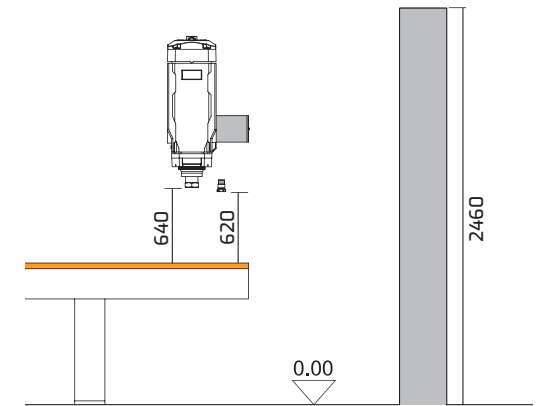
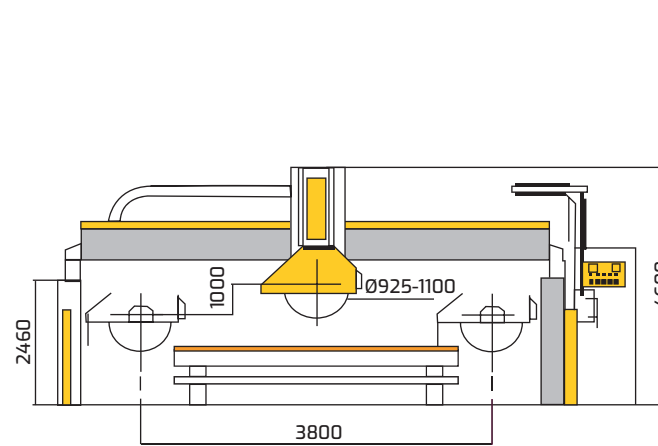
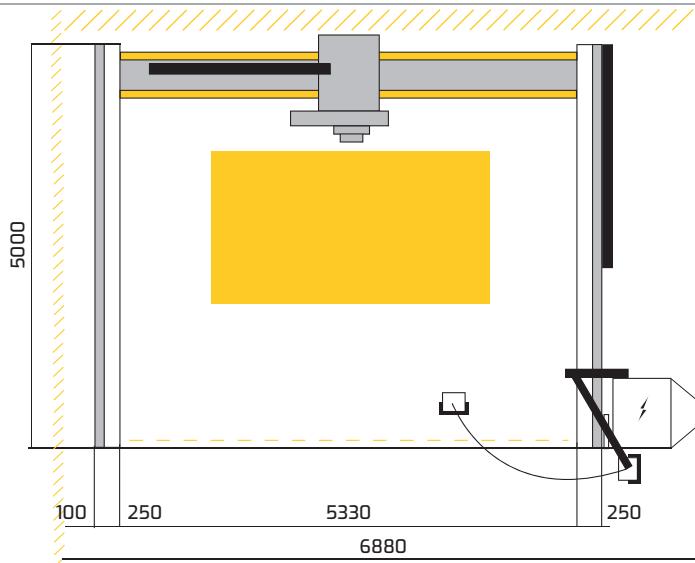
Single cut , multiple cuts, inclined or mitre cuts
单次切 · 多次切 · 倾斜切



Orthogonal cuts and Polygons
正交及多边形切割



Circumferences, archs
切圆 · 弧线



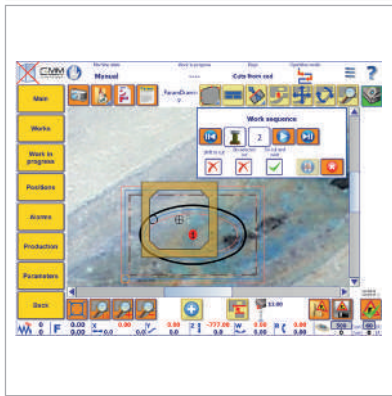


OPTIONS 选项

CODE 编号: A6446
CUTS FROM CAD
CAD 排版



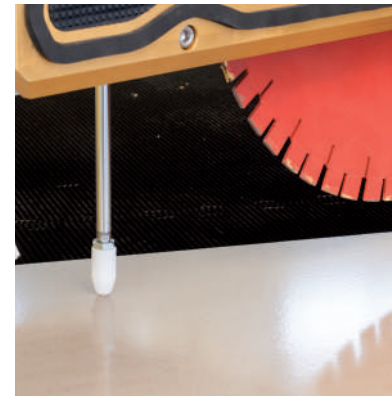
CODE 编号: A6447
CONTOURING 2D
轮廓(周线)作业软件



CODE 编号: A5501
TOOL DIAMETER CONTROL
刀具直径/长度测量器



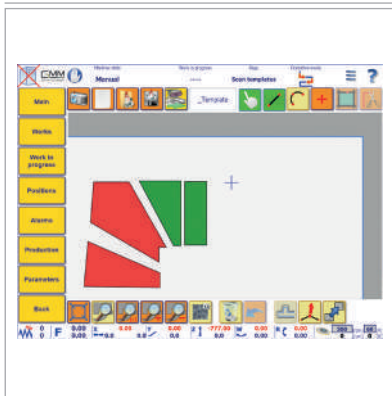
CODE 编号: A5504
SLAB THICKNESS READER
大板厚度检测仪



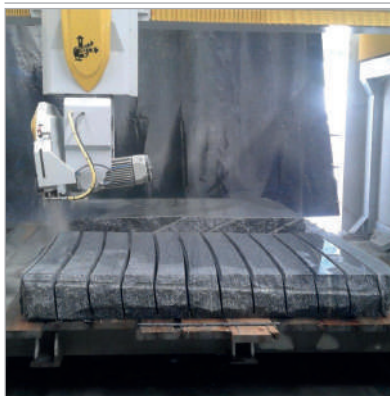
CODE 编号: A5449
CAMERA ON BOARD
摄像头



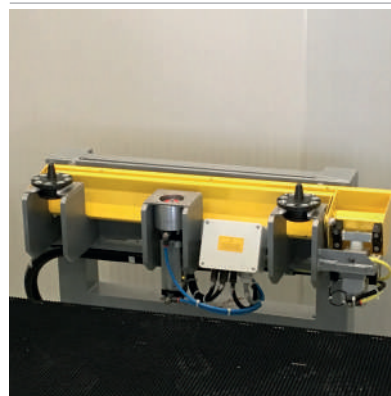
CODE 编号: A6423
OPTICAL TEMPLATE COPIER
光学模板复制器



CODE 编号: A6412
VARIABLE CUTS
多形状切割



CODE 编号: A1711
MAGNETIC TOOL CHANGER
磁力换刀装置



CODE 编号: A1714
12-POSITION AUTOMATIC TOOL CHANGER
12槽位自动刀具库



CODE 编号: A1731
AUTOMATIC DISC CHANGER
自动锯片更换



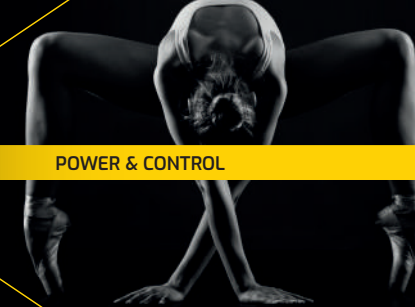
TECHNOLOGY & INNOVATION



EXPERIENCE & QUALITY

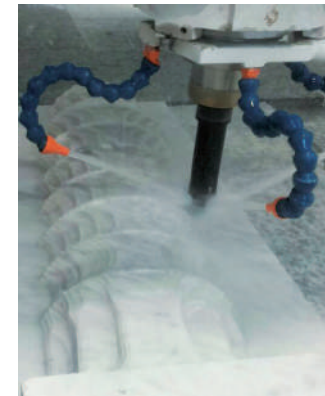


POWER & CONTROL

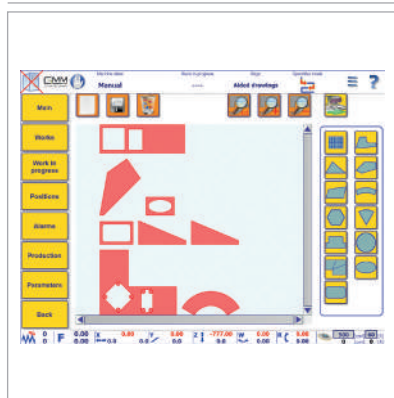


Litox 力拓 1000 CN2

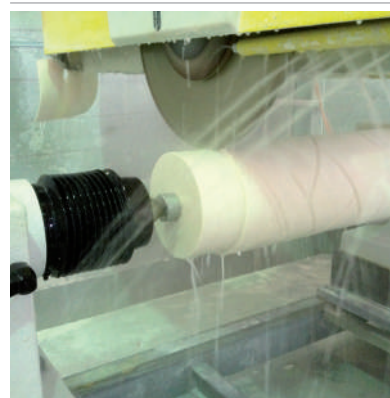
CODE 编号: A6443 - A6444
WORKS WITH CAD / CAM
CAD / CAM 作业程序



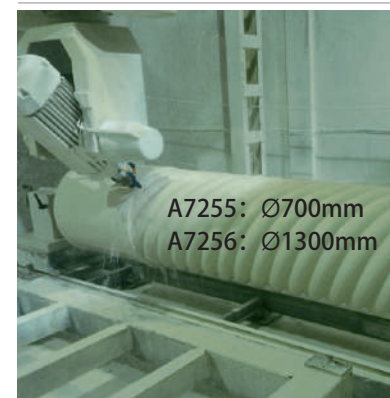
CODE 编号: A6450
PARAMETRIC PROGRAM
参数化设计程序



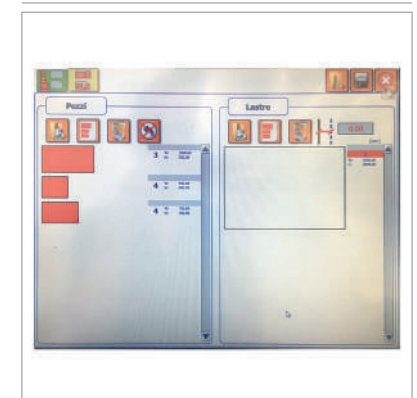
CODE 编号: A7218
STANDARD LATHE
标准车床



CODE 编号: A7255/7256
BRUSHLESS LATHE
无刷车床

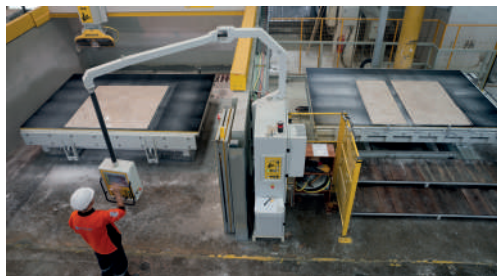


CODE 编号: A6468
NESTING
自动嵌套软件





CODE 编号: A2800
RAPID LOAD / UNLOAD SYSTEM (PATENT PENDING)
快速装卸大板系统(专利申请)



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

快速装卸大板系统：
- 大板台面快速交换

CODE 编号: A9998
BELT FEED CUTTING LINE
规格板输送带切割线



Cutting centre where the stone is transported into the cutting area, and after cutting cycle completes, out of the cutting area by a large dimension heavy duty belt instead of having a standard cutting table.

TECHNOLOGY & INNOVATION

EXPERIENCE & QUALITY

POWER & CONTROL

Litox 力拓 1000 CN2

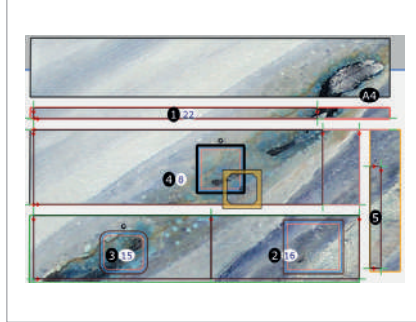
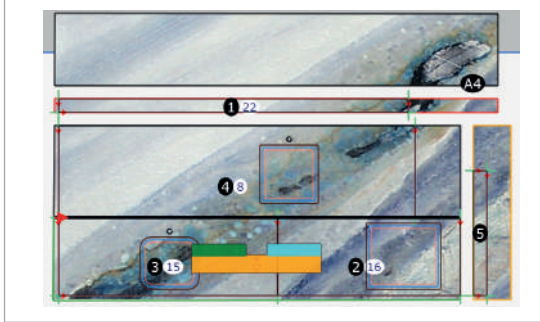
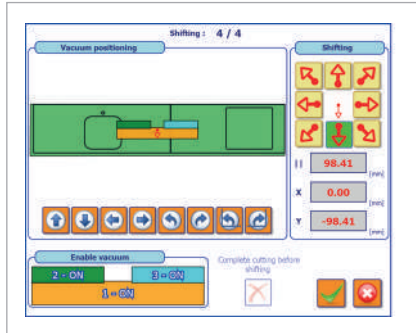
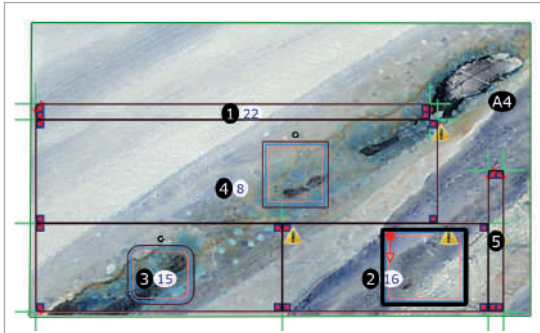
VACUUM System

真空吸盘

CODE : A2646
编号 : A2646
Ø 625 mm

CODE : A2643
编号 : A2643
Ø 725 mm

CODE : A2657
编号 : A2657
Ø 825 mm



Vacuum system with 3 sections, disc casing of Ø625-725! , &) 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.

吸盘的三个区域置于锯片罩表面，锯片罩最大可装Ø625-725-825mm的锯片。吸盘罩由特制铸造铝合金制成，防锈功能强。



CODE 编号: A1701

RODDING UNIT

开槽系统



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 Ø250 mm blade mounted on a 9,5kW (12.75hp) S6 motor.

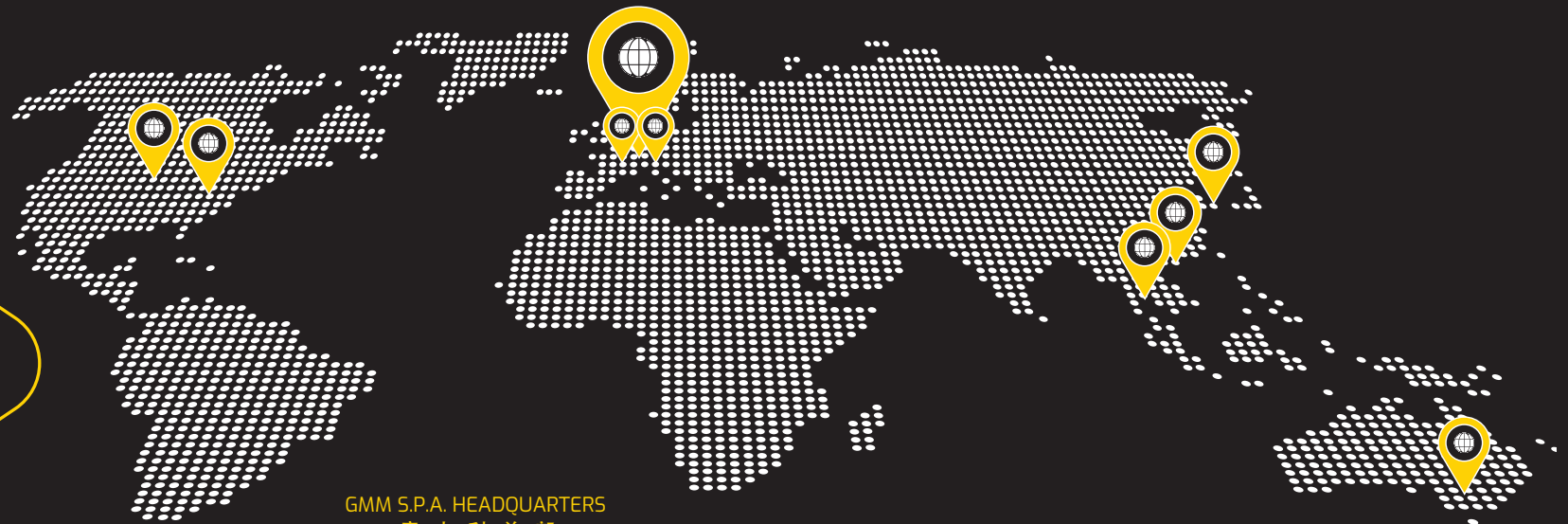
开槽系统包括：

- 锯片：Ø250 毫米
- 马达：9.5kW(S6)



Litox 1000 CN2 11.2018

GMM
STONE MACHINERY



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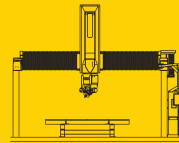
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Litox 力拓 1000 CN2



5-AXIS SHAPING MACHINES 数控五轴三维雕刻机
Zeda 1300 CN2 | Zeda 1600 CN2 | Zeda 2000 CN2

Technical data are not binding and may be changed by GMM without prior notice.
技术参数不具有约束力 · GMM可能会更改 · 恕不另行通知。



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.

重要说明: 本说明书为了更清晰地展现设备全貌, 在拍照时撤除了安全保护屏障, 设备在实际交付与安装时都会配备安装保护屏。本产品说明书中的所有参数可能因更新原因而有所不同, 请按照当时咨询时为准。