

四轴联动加工中心

4 simultaneous axes multi-spindle cnc center



技术参数

Technical Parameters

型号 Model:	ELE 1325
工作面积Working area	1300*2500mm
Z轴 Z axis	Z axis can reach 300mm
类型 Type	4 simultaneous axes multi-spindle cnc center
主轴 Spindle power	8pcs of 2.2kw water cooling spindle (Options:1.5kw)
控制系统 Control system	DSP-B18 control system
方轨 Linear rail	HIWIN linear guide made in Taiwan
传动方式 Transmission	Imported high precision ball screw transmission (Double ball screw for Z axis)
电机驱动Motor driver	Japan YASKAWA servo motor and driver
旋转轴 Rotary device	8pcs of rotary device Diameter: 200mm Length: 1200mm
电压 Working voltage	AC380V/3PH/50HZ (Option: AC220V/1PH/50HZ)

PS. All the working size and specifications can be customized according to your requests.

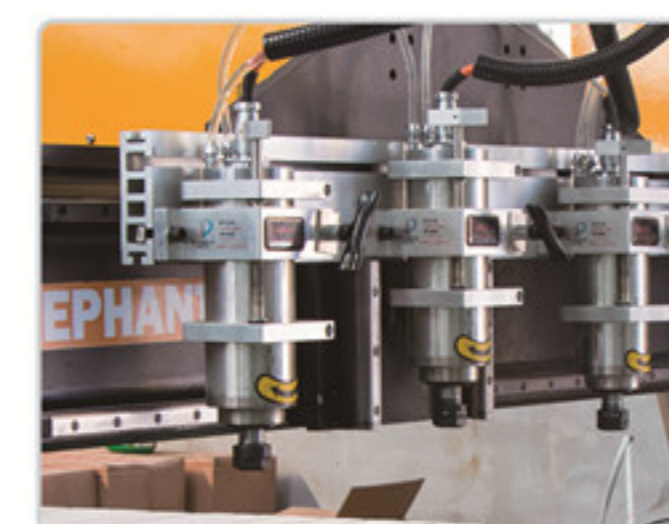
功能特性

Function & Features

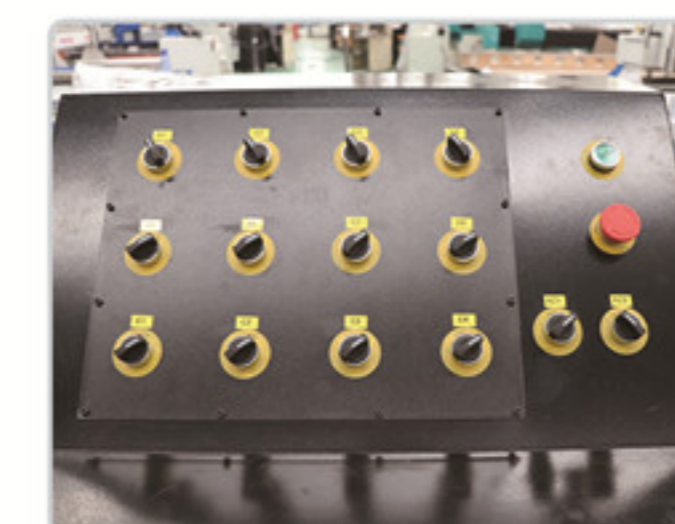
- 共8个主轴和8个旋转轴，同时工作，提高工作效率。
- 采用Adopt DSP-B18控制系统，使XYZ轴和旋转轴同时工作，适合不规则圆柱的加工，如雕像，家具腿等。
- 可移动的台面，多功能的设计，既能加工平面物体，也能加工圆柱体。
- Z轴双丝杠设计，使Z轴加工更稳定。
- 细节注重质量，各部件均采用国际著名品牌，如台湾上银30#方轨，台湾原装TBI丝杠，日本安川伺服电机等。
- 适用行业：家具（桌子腿，椅子腿），楼梯扶手，雕像，3D浮雕等。
- With 8 pcs of spindles and 8 pcs of rotary devices, working at same time, can improve working efficiency.
- Adopt DPS-B18 control system, making sure the XYZ axis and rotary devices work at same time, Suitable for working on irregular cylinders, such as sculptures, furniture legs.
- Movable table, multi-functional design, can work on both flat objects and cylindrical objects
- Double ball screws for Z axis, making sure the Z axis is much more powerful.
- High quality details: each part of machine use world famous brands, such as Taiwan HIWIN 30# square linear guide, original imported Taiwan TBI ball screw, Japan Yaskawa servo motors, Shanghai Cardiff cable and so on.
- Applicable industries: Furniture (table legs, chair legs), stair handrails, sculptures, 3D relief and so on.

主要配件

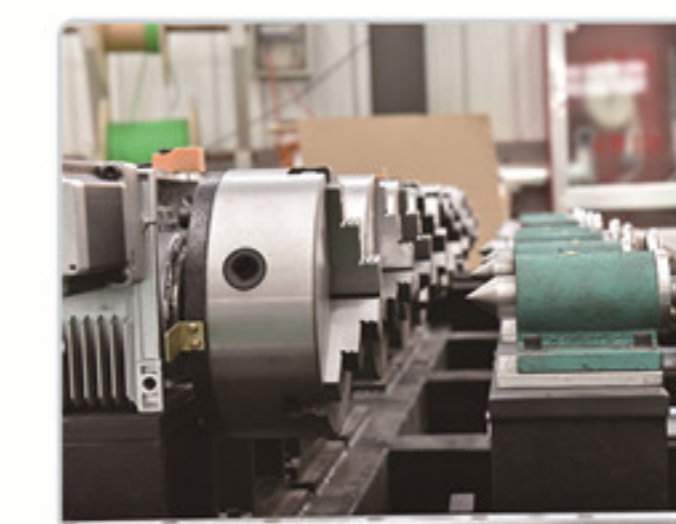
Main Parts



2.2kw water cooling spindles



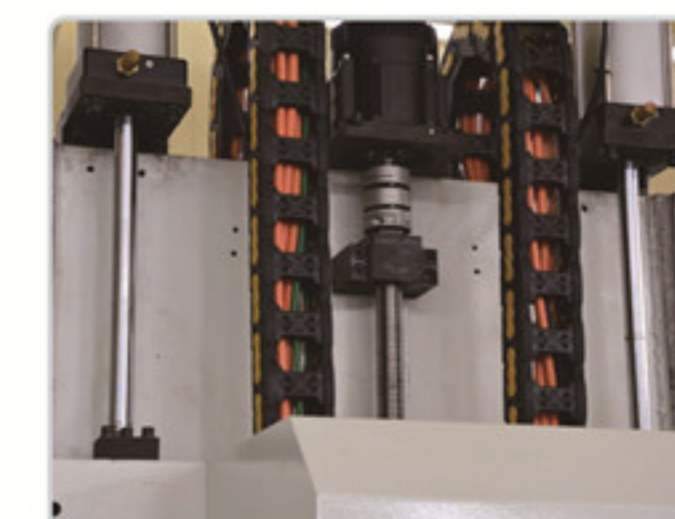
Independent control box



Rotary devices



Japan YASKAWA servo motor



Taiwan TBI ball screw



Double use table

相关应用

Applications



ELE1325石材机

ELE1325 Stone CNC Router



技术参数

Technical parameters

型号Model	ELE1325	ELE1530	ELE2030
加工尺寸 Working size	1300*2500*200mm	1500*3000*200mm	2000*3000*200mm
传动方式Transmission	X /Y rack and pinion drive , Z Taiwan TBI ball screw		
床身结构Table structure	Cast steel structure, T slot table		
主轴功率Spindle power	Imported 4.5 kw / 6kw Italy HSD spindle		
主轴转速Spindle speed	18000rpm		
空行速度Traveling speed	20000mm/min		
加工速度Working speed	10000mm/min		
电机驱动Motor driver	Stepper/Servo(YASKWA/Delta)		
工作电压Working Voltage	AC380V/3PH/50HZ		
控制系统Control System	DSP/Ncstudio/NK105		

PS. All the working size and specifications can be customized according to your requests.

功能特性

Function & features

- 采用进口加宽方形直线导轨，双排四列滑块，承重力大，运行平稳，精度高，寿命长，下刀准确。
- 整体采用钢结构无缝焊接，刚性好不变形，工作台面背衬钢板，强度大，刚性好，机器承重力可达一吨以上。
- 恒功率主轴电机，切削力度大，效率高
- 软件兼容性好，可兼容Type3、artcam、castmate、等多种CAD、CAM等设计软件
- Three axis all adopt imported linear guide, two line sliding track, heavy loading capacity, stable working, high precision, long life time.
- Whole seamless weld steel structure hard to distort, table back lining is armor plate, good rigidity, can bear more than 1T weight.
- Constant power spindle and motor, highly cutting capability, high efficiency
- Be compatible with software CAD/CAM, such as Type3, artcam, castmate, Ucamcam
- Double direction cutters cooling system can prolong the life time of using.

主要配件

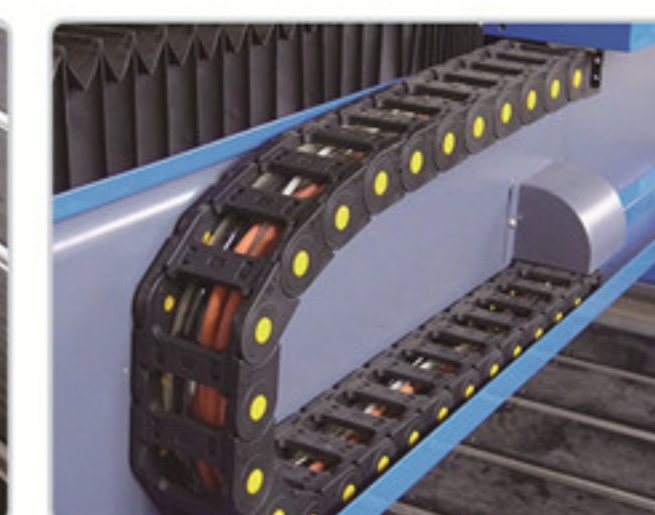
Main parts



DSP controller



Water cooling spindle



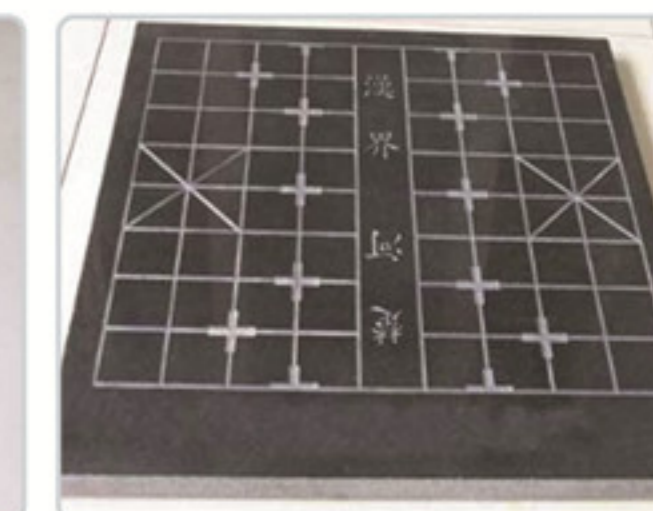
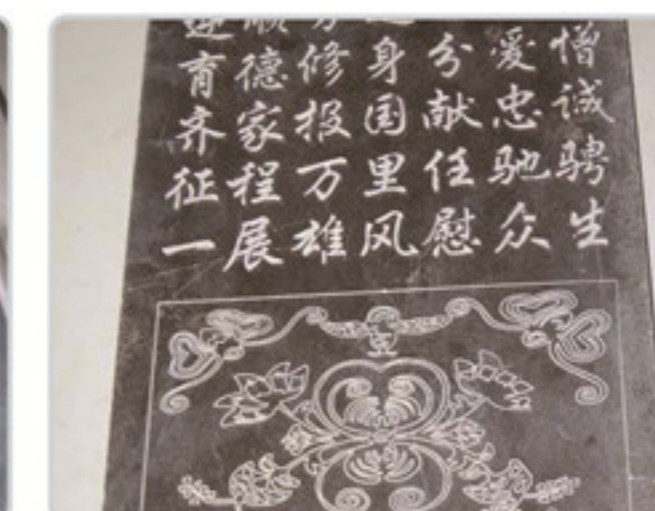
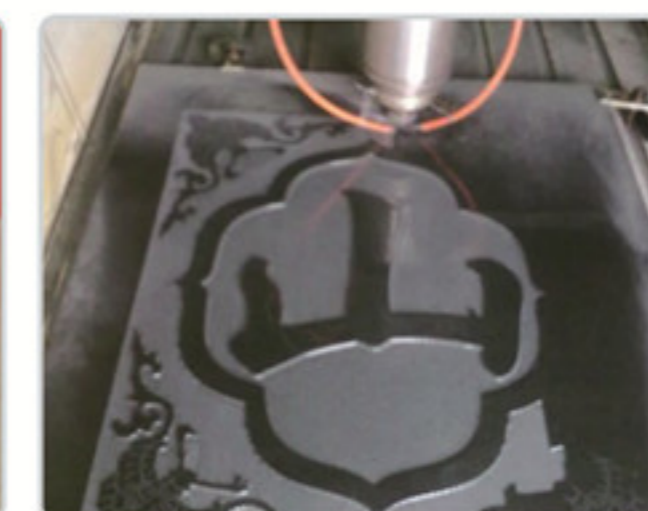
Towline



Feeding wheel

相关应用

Applications





ELE2040数控等离子切割机

ELE2040 CNC plasma cutting machine



技术参数

Technical Parameters

型号Model	ELE1325	ELE1530	ELE2040
加工尺寸Working size	1300mm * 2500mm	1500*3000mm	2000*4000mm
传动方式Transmission	X /Y rack and pinion drive , Z Taiwan TBI ball screw		
XYZ轨道 X, Y, Z Rail	Taiwan HIWIN Linear guide		
结构Frame	Square tube Integral structure		
切割厚度Cutting Thickness	3mm -30mm stainless steel		
空行速度Traveling Speed	45000mm/min		
加工速度Working Speed	8000mm/min		
等离子电源Plasma power supply	63A/100A/160A/200A		
电机驱动Motor driver	Stepper motor driver		
控制系统Control system	DSP / START		
工作电压Working voltage	AC380V/3PH/50HZ		
软件Software	ArtCAM/Type 3/Ucancam		

PS. All the working size and specifications can be customized according to your requests.



功能特性

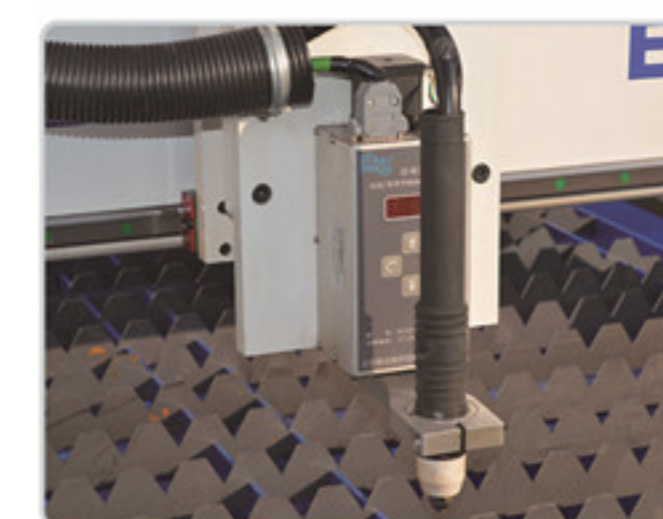
Function & Features

- 切割速度快，精度高且成本低。
- 整机结构合理坚固，操作简单，持久耐用。
- 切割口小整齐，无掉渣现象。避免了二次修整加工。
- 数控系统配置高，自动引弧，性能稳定。
- 与其它广告设备（吸塑机、剪齿机、雕刻机）配套，形成广告字加工工艺的流水线，彻底解决传统手工加工方式。
- 切割精度达到优良指标，可配置美国海宝等离子电源。
- 也可以通过软件转换读取AUTOCAD等软件生成的DXF路径文件。控制系统采用U盘交换加工文件，操作方便快捷。

- Fast cutting speed, high precision and low cost.
- With firm and reasonable structure, the machine is easy to operate and durable for use.
- The cutting incision is thin and tidily and can avoid the second processing.
- High configured CNC system, auto arc-striking and stable performance.
- Together with other advertising equipments, they form an advertisement producing line which completely solve the problem of traditional manual mode.
- It can cut metal plate of advertising 3D lighting letter and flute profile letter with high cutting precision.(USA power is optional).
- It supports the standard G code router files that made by software such as ARTCUT, CAXA, ARTCAM and TYPE3, Converted by certain software, it can also read DXF file that out of AUTOCAD, The control system adopting U flash disk to change the processing files, is easy and convenient to operate.

主要配件

Main parts



Cutting torch



Control box



LGK



THC

相关应用

Applications



ELE1390 激光机

ELE1390 Laser Cutting Machine



技术参数

Technical Parameters

型号Model: ELE1390/1326/1626

工作幅面: 1300*900mm, 1300*2600mm 等等

激光类型: 封闭式CO2激光管

激光功率: 60W, 80W, 100W

工作台面: 刀条或者蜂窝

冷却方式: 强制水冷及保护系统

雕刻速度: 0-60000mm/min

重复定位精度: $\pm 0.05\text{mm}$

最小成型文字: English 1x1mm

支持图文格式: BMP, HPGL, PLT, DST, AI

控制软件: DSP控制系统

兼容软件: CorelDRAW, AutoCAD, Photoshop

驱动电机: 步进

整机尺寸: 由工作面积决定

整机重量: 由工作面积决定

工作电压: AC110-220V $\pm 10\%$, 50/60HZ

工作温度: 0-45°C

工作湿度: 5-95%

Working area: 1300*900mm, 1300*2600mm etc.

Laser type: sealed CO2 laser tube

Laser power: 60w, 80w, 100w

Working table: aluminium knife or honeycomb

Cooling mode: water cooling and protection system

Engraving speed: 0-60000mm/min

Resolution rate: $\pm 0.05\text{mm}$

Minimum character: English 1x1mm

Supported graphic formats: BMP, HPGL, PLT, DST, AI

Controlling software: DSP control system

Compatible software: corelDRAW, AutoCAD, Photoshop

Driving system: stepper

Dimension: According to the working area

Gross weight: According to the working area

Working voltage: AC100-220V $\pm 10\%$, 50-60HZ

Working temperature: 0-45°C

Working humidity: 5-95%

功能特性

Function & features

- 高速, 速度最高可达1200mm/s, 有效的提高工作效率。
- 雕刻精细, 选用专业雕刻光学镜片, 光束更稳定。精确的后置红光定位。
- 放料和取料方便, 前端随升降上下调整, 可完全敞开。
- 雕刻速度和精度可以达到国内一流水平。
- 支持AUTOCAD、CORELDRAW、PHOTOSHOP等设计软件, 人机界面友好, 贴近行业需求
- 机器主要应用于工艺礼品行业。例如木板雕刻, 亚克力雕刻, 双色板雕刻等。

- High speed. The maximum speed can be 1200mm/s which greatly improves working efficiency.
- Precise engraving. Professional engraving optical lens with more stable light beam and accurate postpositional red light position are adopted.
- Convenient putting in and putting away of materials. Working space can be opened totally and platform can be adjusted by up-and-down device.
- Engraving speed and precision can be up to leading level in China.
- Design software of CAD, CORELDRAW, PHOTOSHOP are all supported for friendly human-computer interface and demand of the industries on-the-spot.
- It is mainly used for processing crafts and gifts such as engraving on wooden boards, acrylic and double-color boards.

相关产品

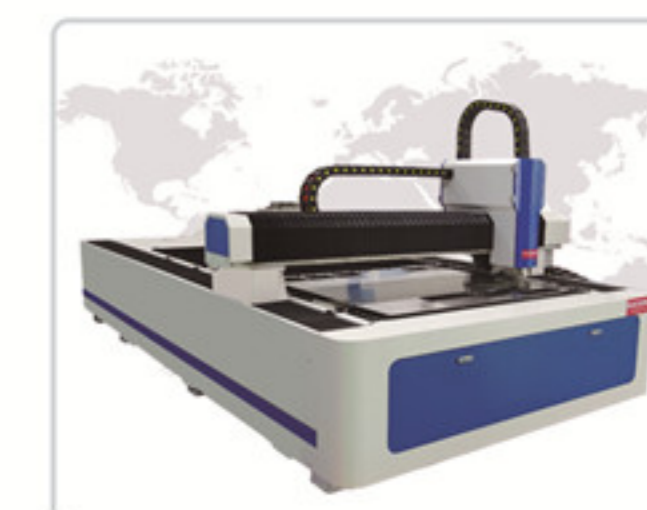
Related products



ELE1326



ELE1325



ELE1530

