

# 数控等离子切割机|数控火焰切割机|交大控制系统1525

产品名称	数控等离子切割机 数控火焰切割机 交大控制系统1525
公司名称	徐州铭德数控科技有限公司
价格	13000.00/个
规格参数	品牌:徐州铭德 型号:1525 类型:交流等离子焊机
公司地址	徐州市金山桥开发区宝莲寺路2号
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## 产品详情

便携式数控火焰/等离子切割机			
mingdeportable cnc flame/plasma cutting machine			
型号model	md-1020	md-1225	
输入电源	220 ± 10%vac 50/60hz 220w		
power source			
切割方式	氧气/丙烷或乙炔；可配置等离子切割机		
cutting mode	o2/c3h8or c2h2, plasma available		
有效切割范围(宽 × 长)mm	1000 × 2000	1200 × 2500	
effective cutting range(mm)			
导轨 长 × 宽 × 厚mm	2500 × 273 × 60	3000 × 273 × 60	3000 × 273 × 60
track l × w × h(mm)			
配置的轨枕数量	2	3	
track holder quantity			
轨枕长 × 宽 × 厚mm	500 × 80 × 40		
track holder l × w × h(mm)			
切割速度mm/min	0-3500(最大4000)		
cutting speed(mm/min)	0-3500 (max 4000 available)		

切割厚度(火焰)mm	5-150(氧气+丙烷 或 乙炔)		
cutting thickness(flame)(mm)	5-150 (o2/c3h8or c2h2)		
切割厚度(等离子)mm	视客户等离子电源而定		
cutting thickness(plasma)(mm)	in terms of plasma power source		
运行精度	± 0.2mm/m		
move precision			
割枪和调高	火焰，电动调高(± 60mm)		
torch	flame,electric height adjustment(± 60mm)		
主机重量kg	19		
host weight(kg)			
整机重量	120	130	
total weight(kg)			
燃气压力mpa	最大0.1		
gas pressure(mpa)	max0.1		
氧气压力mpa	最大0.7		
oxygen pressure(mpa)	max0.7		
适用燃气种类	丙烷、乙炔		
type of gas	propane, ethine		
急停按钮emergency stop	有/yes		
环境温度	-5 ~ 45		
working temperature			
相对湿度	< 95%无冷凝		
relative humidity	< 95% no condensing		

备注：\*本产品为用户无特殊要求时，出厂标配统一为2号丙烷割嘴一个

standard configuration is 2#propane cutting nozzle if no special requirement.

\*纵向导轨长度可按客户要求订制加长 tailor-made track if request.

#### 功能说明

\* 5.7寸高分辨率液晶显示屏，人性化操作界面，全中文/英文菜单，优化操作步骤，屏幕下方标注有操作提示，学。5.7 " high-resolution lcd, human-oriented interface, chinese and english menu, optimize operation procedure, tips und efficiency, flexibility, easy-going and easy learning.

\* 7寸800\*600高分辨率1600万色彩色高亮度液晶屏。

7" high-resolution lcd with 800\*600pix,1600 color and high-bright.

\*支持eia代码（即g代码）及fastcam等各类套料软件；中英文菜单，适合国内外各类操作人员。

support the eia code (g code) and all types of nesting software such as fastcam,etc. english and chinese menu system.

\*自带45种常用图形库(包括网格图形)，可手工设置片尺寸和孔尺寸，直接切割，无需编程。

internal 45 types of basic figures(including the grid graphics), enable to setting piece size and pore size, directly do cutting programme.

\*采用32位高性能cpu，运用实时多任务控制技术和dsp高速、高精度插补控制技术，工作时高稳定性，高速运行

32 bits high speed and characteristics, multi-task controlling system and dsp high-speed, high-precision interpolation control increase stability and high speed with low noise.

\*通用u盘传输g代码文件（切割轨迹文件），并可传输系统升级文件，使系统功能随时更新，方便快捷。

u-disk transfer g-code files(cutting track file), also able to transfer system upgrade files to guarantee the latest function to be in convenient and efficient.

\* 256m超大容量存储空间，能存储超过5000个复杂异型切割文件；满足各种复杂程序的运行与加工，轻松处理大

256m large memory storage, could save more than 5,000 files; easily operating huge and multiple procedure.

\*图型任意角度旋转、比例缩放、x或y镜像、矩阵排列、空走、可手工选行及选号等日常操作中的实用功能。

graphic scale, rotate, mirror image, matrix permutation, idling, select line or line number, etc, which will frequently be used.

\*根据钢板厚度，在转角处可自动限速，有效防止过烧。支持边缘切割、偏移切割，对较厚的钢板可减少预热时料计算错误而造成的板材浪费。

automatically control the cutting speed to avoid over-burning according to plate thickness. possible to edge cutting, offset cut of meal sheet caused by calculation errors.

\*图形放大/缩小，放大状态下可实时跟踪切割点。自定义全部输入输出端口的类型（常开或常闭）和编号。

graphics zoom-in or out, and tracking the cutting point dynamically while zoom-in status. customize the type of all input and (normally open or close) and the number

\*自诊断系统所有io状态和按键状态，方便检查和排除故障。单独或批量导入导出程序，参数备份及恢复，日期

self-diagnostic system for all io and keyboard status, convenient for inspection and trouble-shooting. export files, parameter b upgrade; date, week and time display.

\*支持氧燃气、等离子及演示模式；各类加工参数齐全，可满足不同工艺需求。

oxygen gas, plasma and presentation modes; various inside machining parameters for match various demand.

\*氧燃气和等离子io分开控制；氧燃气自动调高，两级预热，三级穿孔；等离子弧压反馈，定位反馈，转角自动电压反馈，位置反馈，自动关闭角电压。

\*断电、断点数据存储及恢复功能、退回功能、急停按钮，自动恢复到未断电前的状态，有效避免误操作。

auto-memory and recovery in case of power-off or point break, return function, emergency stop button, recover to the pre-st avoid mis-operation.

\*高细分步进电机采用高细分驱动器，噪音低、精度高、运行平稳。

high-subdivision stepper motor driver, low noise, high running precision, and movement smoothly.

\*自动割缝补偿，割枪移位，割枪穿孔停留，预热时间智能记忆，键盘诊断，温控风扇。标配电动高度调节装置

cutting slot compensation auto-setting function, cutting gun movement, cutting gun perforation remain, preheated time aut diagnostication, temperature-controlled fan. auto-adjust height of cutting gun and multiple torch clamp structure.

\*稳定性强，具有超强的等离子高频抗干扰能力。\*切割速度最大可调到每分钟3.5米，能满足快速等离子切割的

strong stabilization, effective shield plasma high frequency interference. max cutting speed 3500mm/min, apply to plasma cut

\*机箱采用全钢防磁结构，完全屏蔽电磁辐射，真正抗干扰、防静电。

all steel and anti-magnetic outside frame of nc system and host to ensure reliable and stable operation.

\*系统升级采用u盘升级方式，方便简单、实用，并提供终身免费升级服务。

free upgrade by u-disk easily and conveniently, and also provide free-upgrade at whole lifetime.

\*特有钢板校正功能,任意钢板边可做为校正边;

steel board

adjustment function,each steel edge could be adjustable.

\*图形可矩阵排列、交互排列、叠式排列。

graphic matrix permutation,alternate permutation,overlapping permutation

\*工件原始尺寸和带割缝尺寸同时进行显示，直观方便。

display original size and size with cutting slot compensation at sametime, easy to control conveniently.

\*等离子弧压控制支持速度和距离两种关闭弧压调高方式，使机床更加平衡、安全。

support speed and distance sytle to close thc,to ensure more balance,stable and safety.

\*最大程序行数the maximan lines of program.

\*预留等离子切割机电源接口，可选配各种等离子切割机机型，弧压跟踪系统以及初始定位装置。

plasma cutting machine interface reserved; optionally set up all types of plasma cutting machine and arc voltage tracking system and automatic arc voltage tracking system.

\*选配:无线遥控器,可进行前、后、左、右等基本运作和切割开始、停止等切割动作。

optional item: wireless controller, function: up,down,left,right,begin cutting or stop etc.

本产品的品牌是徐州铭德，型号是1525，类型是交流等离子焊机，电流是交流，控制方式是数控，驱动形式是自动，用途是切割，频段是高频，作用对象是金属，作用原理是逆变，动力形式是等离子，焊接原理是等离子切割，工作形式是等离子切割机