



达翰激光
DH LASER



D1-型
(9060)

本机适合广告雕刻行业，建筑模型行业，皮革服装行业，速度快、精度高、操作简便、可选真空吸附台面。

The item can be widely applicable to the engraving business, advertisement, architecture modeling, leather, clothes and related businesses. It has an optional vacuum absorptive system with the features of High speed, perfect precision and easy operation.

达翰激光雕刻机
DAHAN laser engraving machine

技术参数 Technical Parameter

机型	D1-型	D1PLUS-型
外型尺寸/Size(L、W、H)	1440×1050×1080mm	1750×1050×1080mm
最大雕刻范围/MaxCuttingSize(X、Y)	900×600mm	1200×600mm
整机重量/Weight	145kg	175kg
激光功率/Laser Power	60W/80W	60W/80W/100W
分辨率/Resolution	0.025mm/step	
定位精度/Location Precision	±0.01/300mm	
总功率/Gross Power	500W	
切割速度/Cutting Speed	≤200mm/s	
雕刻速度/Engraving Speed	0-1000mm/s	
环境温度/Environment Temperature	5-35°C	
电源/Power Source	AC 220V/50HZ ± 5%	
冷却方式/Cooling Way	循环水冷却 Circulating Water Cooling	
D1PLUS型可选机型	雕刻尺寸1200x900mm	

以上参数如有修改，恕不另行通知。
Any changes of technical parameters without notice.

达翰激光加工设备特点 MAIN FEATURE

一、机械部分 Mechanical Parts

1) 直线运动导轨，能确保激光机长时间的工作后，精度准确如初，且导轨的钢制特性使运动系统抗冲击、抗磨损程度成倍提高，激光设备经久耐用。

Linear movement guide; it can insure the precision of laser machine as its beginning after long time working. And the steel feature of guide can resist impact and abrasion, which can make the laser equipment work for a long time.

2) 所有的运动传动部件采用国际先进的装配工艺和机械加工中心，保证了传动的一致性和精确性。

All the parts of movement and transmission adopt advanced international assembly and mechanical processing centre that can insure the consistency and accuracy of transmission.

二、光学系统 Optic System

1) 本机采用的是高强度进口镀金硅片和非球面聚焦镜片，镜片耐擦，耐高温，无需经常更换，极大的降低了成本。非球面镜片的聚焦光斑直径小，使用相同的激光功率的激光管具有最大的切割能力。

The machine adopts high strong imported gilt silicon pieces and non-sphere focus lens which can bear rubbing and high temperatures without changing lens frequently and reduce much costs. The focalized diameter of the non-sphere is very small so that the laser tube can make most cutting capability at the condition of using same laser power.

2) 所有光学镜架均根据国际光学标准结构采用机械加工中心制作，结构优化稳定。调整简单，易于维护。

The optical mirror frame adopts mechanical processing making according to international optical standard structure. It has steadily optimized structures, simple adjusting and easy maintain.

三、运动及电路系统 Movement and Circuitry System

采用CNC工艺专业运动控制系统，切割速度快，运行平滑、稳定。模块化、标准化、统一设计、安装，抗干扰能力强，易于检修和更换配件，符合CE产品认证。

The machine adopts professional CNC controlling system with high cutting speed, smooth and stable movement, modularized and standard uniform design, simple installation and strong anti-jamming ability. It is very convenient to overhaul and replace accessories, and have qualified for CE product certification.

四、冷却系统 Cooling System

激光器水冷系统采用强制水冷或制冷冷却方式，温控，缺水报警功能强大，确保激光器能够连续工作。

The laser water-cooling system adopts forcible water-cooling or the way of refrigeration. Its strong functions of temperature controlling and lacking water alarm insure laser can be worked continuously.

五、抽排烟系统完善 Exhausting System

根据服装面料加工过程中烟尘大的特点，专设了抽排烟装置，工作现场环境得到了有效的改善。

Because of the heavy smokes in processing the cloth, our laser machines are equipped with exhausting system to improve working environment effectively.

六、先进的运动机械系统 Advanced Movement Mechanical System

采用均衡传动设计方式，在大副面重载高速的情况下，也能运动平稳自如。

The machine adopts the way of balance transmission which can move stably and smoothly at the condition of large-scale, heavy-load and high-speed.

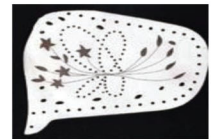
七、高速高效 High-speed and efficiency

根据选择的激光器功率不同，雕刻速度可达10000mm/s以上，切割打孔可达1500mm/s，工作效率极大的提高。

According to different laser power, the speed of engraving flower can reach to above 1000mm/s, and cutting and hollowing speed can reach 1500mm/s, which improve the working efficiency a lot.



建筑模型
architecture model



皮革
Leather



航模切割
aeromodeling cutting



剪纸切割
Paper Cutting



D1PLUS-型
(1206/1209)