

# 眼镜钟表|医疗器械精密器械光纤激光打标机

产品名称	眼镜钟表 医疗器械精密器械光纤激光打标机
公司名称	东莞市合力激光设备有限公司
价格	面议
规格参数	品牌:合力激光 型号:HL-FB
公司地址	中国 广东 东莞市 万江区小享文明路28号长江小学对面
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## 产品详情

### 光纤打标机

产品简介：合力激光柜式光纤激光打标机采用德国技术，核心部件均为进口，激光器寿命高达10万小时以上。无需水冷装置、体积更小、安装方便；免维护、工作更稳定可靠；无耗材、功耗小，更节能；光束质量极好，标记清晰美观、在对深度、光滑度、精细度要求较高的领域（如模具行业、位图打标行业）具有不可替代的优势。

fiber laser marking machine

product introduction:

hooly laser cabinet type fiber laser marking machine adopt german technology, all core part s are imported, the laser usage life up to 100000 hours. needn ' t water cooling device, s maller volume, convenient installation; free maintenance,work is stable and reliable; no consum ables, low power consumption energy – saving, beam quality is wonderful, mark is clear an d fine. it is with irreplaceable advantage in the field where need high reuirement for the depth, smoothness and precision (e.g., mold industry, the bitmap marking industry)

### 技术参数

型号 model	hl-fb-10a	hl-fb-20a
最大激光功率 max laser power :	10w	20w
打标范围 marking area :	70mm × 70mm/100mm × 100mm/150mm × 150mm 可选 optional	
最小线宽 min line width :	0.02mm	

激光波长 laser wavelength :	1064nm
最大速度 max marking speed :	12000 mm/s
激光重复频率 repetition rate :	20khz~100khz
整机电功率 machine power :	250w
冷却方式 cooling method :	风冷 air
机器尺寸 dimension :	1188 × 600 × 1320(mm)

#### technique parameter

model	hl-fb-10a	hl-fb-20a
max laser power :	10w	20w
marking area :	70mm × 70mm/100mm × 100mm/150mm × 150mm optional	
minimum linewidth:	0.02mm	
laser wavelength :	1064nm	
maxmum working speed	12000 mm/s	
repetition rate :	20khz~100khz	
machine power :	250w	
cooling mode:	air colling	
machine dimension :	1188 × 600 × 1320(mm)	

机型特点：1.采用第三代德国固体光纤激光器，电光转换效率高达60%，优异的光束质量 $m^2 < 1.42$ 。卓越的光束质量，创造出超高精细打标效果3.采用原装德国scanlab扫描头。标记速度飞快，是普通yag及dp半导体打标机的4倍以上,从而为您节约昂贵的人工工资4.全风冷、无耗材、五年免维护、使用成本低廉。省电节能，整机功率仅500w。相比灯泵浦和半导体激光打标机每年可节约电费 2-3万元。5.一体模块化设计，方便维修，体积小巧。节省您宝贵的厂房空间。6.标记环保，永久不褪色，符合rohs标准。 model fe atures:

1. using the third germany solid fiber laser, electro-optic conversion efficiency as high as 60%, excellent beam quality  $m^2 < 1.4$
2. the beam quality of excellence, creating a super fine marking effect
3. uses the original german scanlab scanning head. marking fast, is the ordinary yag and dp of the semiconductor laser marking machine more than 4 times, so as to save expensive artificial wages for you
4. the wind cooling, no supplies, five years free maintenance, low use cost. save electricity saving energy, power 500 w. compared with lamp pumped and semiconductor laser marking machine can save electricity 2-30000 yuan a year.
5. a modular design, convenient maintenance, small size. save your valuable workshop space.
6. mark green, permanent does not fade, in line with rohs standard.

软件功能：1.能接收各种bmp、jpg、 dxf、 plt、 ai等格式文件2.自动生成各种系列号，生产日期，一维码，二维码3.支持飞行打标4.支持旋转打标5.支持大面积xy平台自动分割打标

software function:

1. can receive various kinds of bmp, jpg, such as dxf, plt, the ai format file
2. the automatic generation of a variety of serial number, production date, one-dimension code, the qr code
3. support flying marking
4. support rotation marking
5. support the large areas of the xy platform automatic segmentation marking

适用材料：金属及多种非金属材料，高硬合金、氧化物、电镀、镀膜、abs、环氧树脂、油墨、工程塑料等。

applicable materials:

metals and a variety of non-metallic materials, hard alloy, high oxidation, electroplating, plating, abs, epoxy resin, printing ink, plastic, etc.

应用：手机按键，塑胶透光按键，电子元器件，集成电路（ic），电工电器，通讯产品，卫浴洁具，工具配件，刀具，眼镜钟表，珠宝首饰，汽车配件，箱包饰扣，炊具，不锈钢制品等行业。

applications: mobile phone buttons, plastic transparent button, electronic components, integrated circuit (ic), electrical appliances, communication products, sanitary ware, tool accessories, cutting

tool, glasses watches and clocks, jewelry, auto parts, bags buckle, cooking utensils, stainless

steel products and other industries.

本产品的加工定制是是，品牌是合力激光，型号是HL-FB，打印速度是7000，打印范围是150\*150（mm），打印深度是0.3（mm），打印高度是600（mm），类型是激光打码机，打印方向是双向打印，适用工件是皆可，包装类型是瓶,杯,带,袋,箱,碟,管,罐,盒,桶,碗,泡沫,软管,易拉罐，气源压力是0.1（MPa），重量是200（kg），外形尺寸是950\*750\*1050（mm），自动化程度是全自动，适用行业是餐饮,服装,化工,家纺,礼品、工艺品,日化,食品,玩具,五金、机械,烟酒,医药，位数是10位，售后服务是保修一年