

UV蓝光平网制网机

Flat bed uv engraving machine

优质、高速、无需耗材

Superior quality, high speed, non consumable

直接传送UV多光束激光曝光

Transmission the UV multiple beam laser exposure directly

蓝光平网制网机是国内首创，国际领先的一种平网印花制网新设备，它采用半导体激光器(LD蓝光)在计算机控制下对涂有胶水并经低温固化的平网印花网板进行曝光，使受光照射部分胶瞬间固化，形成图案，未受光照射部分可用清水冲洗去掉，从而制得平网印花网。

制网速度快，花形精细，节能环保，它不需要通过介质如胶片、墨、蜡之类的耗材，比起其他制网设备，制网成本大幅缩减，制网效率显著提高。

Flat bed uv engraving machine is an advanced equipment which is first made in China, it uses the Semiconductor laser exposure technology, its net making speed is very quick, and pattern is exquisite, also has the good performance in energy saving and environment protection. It is no needs the material such as film, ink, wax..., so compare to other equipments, its cost and efficiency is better.

This machine use the semiconductor laser (LED blue ray) to exposure the flat screen printing which is under the controlling of the computer and with low temperature setting glue, it make the exposure parts instantaneous solidification, then come into the pattern, those parts which is not exposure can be cleaned easily.

Because of the semiconductor laser (LED blue ray)'s wave length is short, so its focusing spot diameter is also short, which make the pattern on the screen is much more accurate; secondary, because of the semiconductor laser is small, it can work with multiple light, so the speeds is much quicker; third, the semiconductor laser needs less energy, and the working life is longer, so the cost is lower.

蓝光制网过程如下:

(The engraving process is as following)



技术参数

Specifications

型号 Mode	Fr2025	Fr3234
成像系统 Imaging System	48路分立405nm激光二极管技术 48channel discrete 405nm laser diode	
制版精度 Resolutions (xy可变量)	720-2540dpi	
制版时间 Engraving speed	≈5 min./m	
重复精度 Repeatably	0.02mm 在25°C和60%相对湿度下连续曝光两次以上 0.02mm Continuous exposure for two times At 25 ° and 60% relative humidity	
数据接口 Interface	USB2.0	
感光乳剂 Emulsion	普通感光胶 Ordinary emulsion	
花回尺寸 Image size	2000*2500(mm)	3200*3400(mm)
网长 Screen length	2*2.5(m)	3.2*3.4(m)
支持的数据格式 File type	bmp , tif	
电源 (标准) Power	220v-50hz-2kv	
工作环境 Environment	推荐21-25°C, 要求18-26°C, 相对湿度40-70%, 无尘恒温室 Recommended:21-25°C , 18-26°C , relative humidity 40-70%, dust-free, constant temperature	
尺寸/重量 Size/Weight	4000*2500*1500mm/1200kg (Package)	4500*4000*1500mm/1500kg (package)