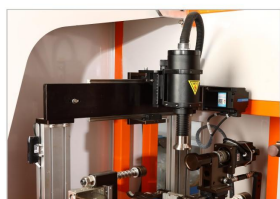




HY-180CNC 全自动全伺服单色丝印生产线

Automatic Full Servo Single Color Screen Printing Production Line



CCD视觉检测
CCD Visual Detection



丝印系统
Screen Printing System



LED UV固化系统
LED UV Curing System

可根据客户要求定做自动化印刷生产线
We are able to design and produce screen-printing production line according to your own requirements!

专业 • 高效 • 精良 • 节能 • 诚信 • 共赢



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产品简介

- 适用于圆形、椭圆形、方形、三角形等多种容器的表面丝印（化妆品、酒瓶、饮料瓶及通用型容器等）
- 采用全伺服传动系统，调试方便快捷，质量稳定可靠，适用性更广
- 德国倍福进口运动控制器，7英寸触摸屏
- 管位座由绝对值伺服电机控制运行
- 主传动由高精度减速机配绝对值伺服电机控制
- 滚珠丝杆与导轨均采用国际著名品牌，精度更高，寿命更长
- LED UV光固也采用伺服驱动，光固时间可以根据产品印刷的要求任意设定，大大增加了油墨的附着力
- 此机可以实现三角形、方形、椭圆形等多边形容器同一颜色一次印完
- 火焰处理采用伺服驱动，可以实现转速任意调节
- 可配置CCD视觉系统进行瓶底或图案定位检测，实现多色套印和图案基于产品表面位置的精准控制
- 换款调试简单，无需齿轮，从而避免齿轮齿条磨损后的套色不准，也大大节省了调机时间
- 主体结构设计更合理，与国内现有机器相比有重大优化，能够实现稳定高效生产

Introduction

- Suitable for screen printing on round, oval, square, triangular and other shapes' surface of containers (cosmetics, wine, beverage bottles, and general-purpose containers).
- Adopt full servo drive system. Easy and fast debugging, stable and reliable quality.
- Germany BECKHOFF motion controller, and 7" touch screen.
- The tube position holder is controlled and operated by absolute servo motor.
- The main drive is controlled by high precision reducer with absolute value servo motor.
- Ball screws and guide rails all adopt international famous brands, which have higher precision and longer life.
- LED UV curing is also servo-driven. The curing time can be set arbitrarily according to the requirements of product printing, which greatly increases the adhesion of the ink.
- Printing in the same color on round, oval, square, triangular and other shapes' surface of containers can be completed at one time.
- Flame treating with servo drive can achieve arbitrary speed adjustment.
- It can achieve multi-color overprinting and precise control of patterns based on product surface position, via bottle opening or pattern positioning point detection by CCD vision detection.
- Simple debugging of replacement models without gears. Thus avoiding the inaccuracy of color registration after the wear of the rack and pinion, and significantly save time on tuning.
- More reasonable design of the main structure and significant optimization over existing domestic machines make it achieve stable and efficient production.

技术参数(Specifications)

印刷产品外形 (Shape of Printed Object)	圆柱体、圆锥体、立方体等多种形状 Cylindrical, Cone, Cube, etc.
最大印刷范围 (Max. Printing Area)	Φ: 100mm, L: 300mm
最快速度 (Max. Speed)	1000pcs/hr
印刷精度 (Printing Accuracy)	± 0.2mm
供气压力 (Air Pressure)	6-8Bar
功率 (Power)	15kw
电源 (Power Supply)	AC 380V 3Phase 50Hz
外形尺寸 (Machine Dimension)	3000(L)X2600(W)X1660(H)mm
重量 (Machine Weight)	1500kg

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