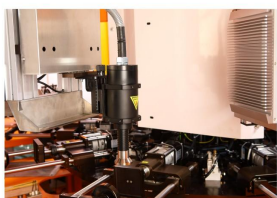


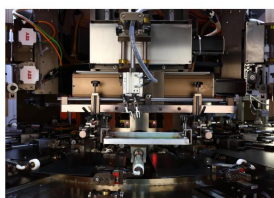


HY-412/416CNC 全自动全伺服四色丝印生产线

Automatic Full Servo Four-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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Automatic Full Servo Four-Color Screen Printing Production Line

产品简介

- 适用于圆形、椭圆形、正方形、三角形等多种容器的表面丝印（化妆品、酒瓶、饮料瓶及通用容器等）
- 采用高精度进口伺服转台，全伺服传动系统。印刷速度快，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，10英寸ipad移动触摸屏
- 12轴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
- 具有独立真空系统，对防磨花产品可以采用吸真空制造，有效避免印刷过程中造成产品磨花，保证独立的真空使印刷品质更稳定
- 此机可以实现三角形、正方形、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
- 通过激光传感器或CCD视觉进行瓶口或图案定位点检测，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
- 可配置CCD印后检查系统，并为后续增配预留了空间
- 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 high precision imported servo turntable and full servo drive system. High printing speed, easy and fast debugging, stable and reliable quality.
- Germany BECKHOFF motion controller, and 10" ipad mobile touch screen.
- The 12-axis 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.
- It has an independent vacuum system, and the anti-wear products can be made by vacuum suction. Effectively avoid product abrasion during the printing process, and ensures independent vacuum for more stable printing quality.
- 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 laser sensor or 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.
- CCD post-print inspection system can also be configured, and leave space for subsequent additions.
- 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)	3000pcs/hr
印刷精度 (Printing Accuracy)	± 0.2mm
供气压力 (Air Pressure)	6-8Bar
功率 (Power)	35kw
电源 (Power Supply)	AC 380V 3Phase 50Hz
外形尺寸 (Machine Dimension)	3415(L)X3220(W)X2315(H)mm
重量 (Machine Weight)	6150kg

东莞市华佑自动化科技有限公司
DONGGUAN HUAYU AUTOMATION TECHNOLOGY CO.,LTD
广东省东莞市常平镇常横路168号A栋
Building A, No.168 Changheng Road, Changping
Dongguan, Guangdong Province, China

华佑国际(香港)有限公司
WAYOO INTERNATIONAL (HONG KONG) LIMITED
香港九龙弥敦道625号雅兰中心办公楼二期15楼1508室
Room 1508, 15/F, Office Tower II, Grand Plaza
625 Nathan Road, Kowloon, Hong Kong



E-mail: sales@hyooauto.com Website: www.hyooauto.com

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