自动1-7色 软管伺服印刷机 Auto 1-7 Color Tube Servo Printing Machine



本系列设备以高清、快速、精准套印为理念，可集上光、丝印、烫金、数码、切管等多功能一体化，1-7色图文印刷。

多色印刷对位准确（公差±0.1毫米），整圈印刷无缝接口，机械速度高达80pcs/min。适用于彩妆、日用、化妆、食品、医用、橡胶、电子等软管、圆管产品包材图文自动化印刷生产线解决方案。



型号 Model	SF-SHR315 3色伺服机 Three-color servo machine	SF-SHR516 5色伺服机 Five-color servo machine	SF-SHR720 7色伺服机 Seven-color servo machine
产品尺寸 Product Size	Φ(13-60)×L(20-240)mm		
发热板尺寸 Heating plate Size	157×120mm		
机械速度 Max. Speed	80 pcs/min 请以实际产品及工艺而定 The speed is for reference only, please take the actual product as the standard.		
空气压力 Air Pressure	0.6-0.8mpa		
设备尺寸 Dimensions	L265×W265×H215 cm	L280×W280×H220 cm	L300×W300×H215 cm
设备功率 Power	AC380 V 50/60 Hz 32 Kw	AC380 V 50/60 Hz 42 Kw	AC380 V 50/60 Hz 55 Kw
设备重量 Weight	≈4000 kg	≈4500 kg	≈6600 kg

※ 以上设备参数系申发机电自行研发工程数据，会因应用产品形状和工艺要求有所改变
The above data is for engineering reference only and may change due to the shape of the applied product and process requirements.

Based on the concept of high-definition, fast and accurate overprint, this series of equipment can integrate polishing, silk screen printing, hot-stamping, digital, tube cutting and other functions, and print 1-7 color pictures and texts.

Multi color printing has accurate alignment (tolerance ±0.1mm), seamless interface for whole circle printing, and the printing speed is as high as 80pcs / min. It is applicable to the graphic printing solutions for the packaging of hose and tube products such as cosmetics, daily use, food, medical, plastic, electronics, etc.

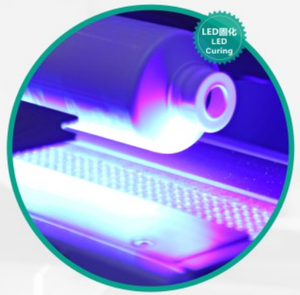


◂ 自动理料机适用于软管等圆形管状产品，阶梯上推式自动理料，配备自动旋转掉头装置，保持产品按同一方向上料，节约人工和时间成本。

The auto unscrambler suitable for round bottle and tube. It is equipped with an automatic rotating and turning device to keep the products loaded in the same direction, saving labor and time costs.

▸ LED固化装置采用高功率低温LED灯组，可控制光照区域、亮度大小，寿命长达20000个小时，更为节能、环保、耐用。

This device adopts high-power low-temperature LED lamp group, which can arbitrarily control the lighting area and brightness. and the service life is as long as 20000 hours, which is more energy-saving, environmental protection and durable.



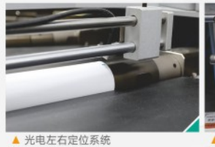


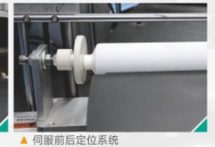
◂ 视觉检测系统可实现印刷生产在线实时同步检测，100%检测每个印后产品。检测内容有：**图文缺损、少墨、堆墨、重影、模糊、空印、显著污渍、划伤**等不良品质。

This system can realize online real-time synchronous inspection of printing production, and 100% inspection of each post press product. The inspection contents include: image and text defects, less ink, ink stacking, ghosting, blurring, blank printing, significant stains, scratches and other abnormal quality.


▲ 静电除尘
Electrostatic precipitator

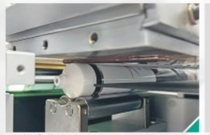

▲ 电晕装置
Corona treatment device


▲ 光电左右定位系统
Sensor positioning system

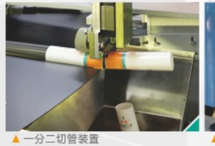

▲ 伺服前后定位系统
Front and back positioning system


▲ 上光油装置
Varnishing system


▲ 360° 无差别环印
360° seamless printing


▲ 烫金装置
Hot-stamping device


▲ 激光喷印可变二维码
Laser printing variable QR code


▲ 一分二切管装置
Cutting tube device


▲ 一分二出料
Discharge in two parts