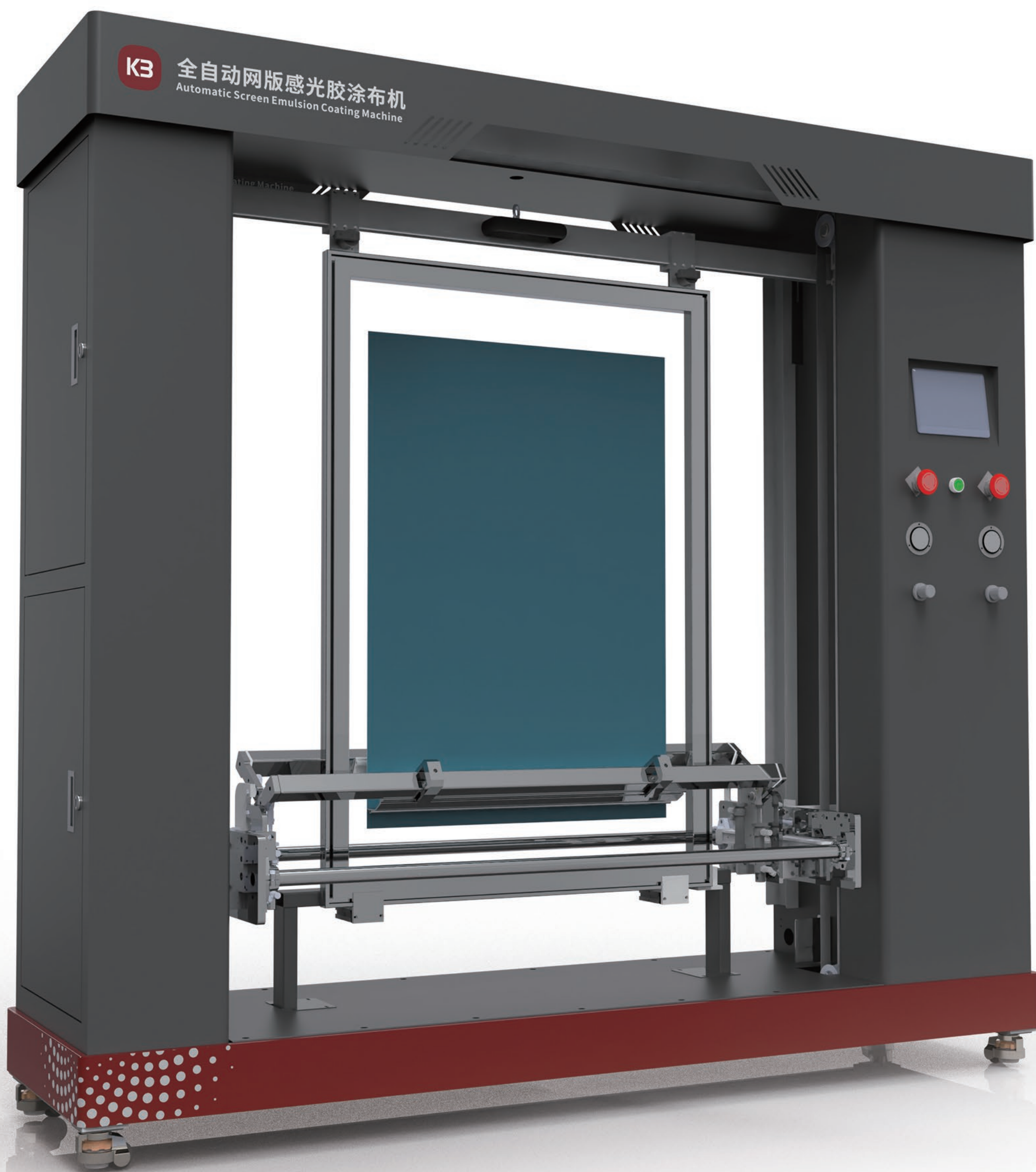




全自动网版感光胶涂布机

Automatic Screen Emulsion Coating Machine

产品型号: B-X 9013 IV



■ 产品概述

本设备专为丝网印刷印前制版工艺设计，通过高精度自动化控制实现感光胶的均匀涂布、厚度调节。设备集成涂胶、匀胶功能于一体，大幅提升制版效率与涂布质量，适用于高精度网版制作需求。

■ Product Overview

This equipment is specifically designed for the pre-press plate-making process in screen printing. It achieves uniform emulsion coating and precise thickness control through high-precision automated systems. By integrating coating and leveling functions into a single unit, it significantly enhances plate production efficiency and coating consistency, making it ideal for high-precision screen stencil fabrication.

■ 功能描述

1. 适用性

- 本机专为网框感光胶涂布工艺设计

2. 涂胶模式

- 前后同步涂胶 / 单前涂胶 / 单后涂胶

■ Functional Description

- Designed for photosensitive emulsion coating on screen frames.
- Modes: Simultaneous Front/Rear Coating / Front Only / Rear Only.

■ 电气配置

组件	品牌/技术	优势
控制系统	汇川技术	高精度运动控制
传动系统	伺服电机+双曲面减速机	0间隙 / 速度提升
气动元件	亚德客	ISO 9001认证部件
电气元件	施耐德	IEC标准 / 10万次寿命

■ Electrical Configuration

Component	Brand & Technology	Advantage
Control System	Inovance PLC+HMI	High-precision motion control
Drive System	Servo Motor + Hyperboloid Gear Reducer	30% Zero-backlash / 30% faster than worm gear reducers
Pneumatics	AIRTAC	ISO 9001 certified components
Electrical Parts	Schneider Electric	IEC Standard / 100,000 cycles lifespan

■ 核心优势

1. 精密控制

- 双曲面减速机 + 伺服驱动实现 $\pm 0.1\text{mm}$ 重复定位精度

2. 高效节能

- 比传统机型能耗降低 40% (0.8kW vs 行业平均 1.5kW)

3. 智能交互

- 7 英寸彩色触摸屏支持配方存储与一键调用

■ Key Advantages

1. Precision control

- $\pm 0.1\text{mm}$ repeatability via hyperboloid reducer & servo system

2. Efficient and energy-saving

- 40% lower energy consumption vs conventional models

3. intelligent interaction

- 7" color HMI with recipe storage & one-touch recall

■ 技术参数

组件	参数值	单位
最大涂胶网框外形尺寸	1000×1300	mm
涂胶速度	0–500 可调	mm/s
涂胶压力	0.2–0.5	MPa
设备外形尺寸 (L×W×H)	2145×580×2020	mm
功率	0.8	kW
工作电压	AC220V	
气源要求	0.5–0.6 (需外接气源)	MPa
涂布厚度范围	5–50 (±2)	μm
控制方式	PLC+触摸屏	

注：本规格书参数基于标准测试条件，保留技术升级调整权利。

■ Technical Parameters

Item	Specification	Unit
Max. Screen Frame Size	1000×1300	mm
Coating Speed	0–500Adjustable	mm/s
Coating Pressure	0.2–0.5	MPa
Overall Dimension	2145×580×2020	mm
Power Consumption	0.8	kW
Voltage	AC220V	
Air Supply	0.5–0.6 (External Required)	MPa
Coating Thickness	5–50 (±2)	μm
Control System	PLC + HMI	

Note: Specifications are based on standard testing conditions.
Technical upgrades may apply.

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深圳市博研商用设备有限公司

📍 惠州 仲恺高新区 沥林镇 英山北路8号 恒超科技创新园 B栋 1楼东
East side,1th Floor, Building B,Hengchao Science and technology
innovation park,No.8 Yingshan North Road,Lilin Town,Zhongkai
High-tech Zone,Huizhou City,Guangdong Province,China
✉ sales@boyank3.com
🌐 www.boyanK3.com

参数可能因配置或软件版本调整，具体以实际设备为准。
Specifications may vary depending on configuration or software version. Refer to the actual device for details.