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Version

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MACHINERY

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CMRD-450C

Automatic Tote Bag Stringing Machine

全自动手提袋穿绳机

目录

Contents

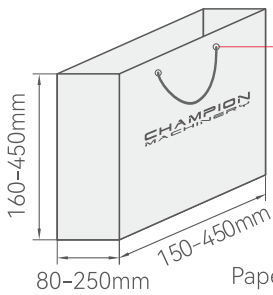
机器名称图片 Machine Name Image	3
机器说明 Machine Description	3
机器特点 Machine Features	4
工艺流程图 Process Flowchart	4
原材料 Raw Material	4
绳子样式 Hand Rope Style	5
丝带样式 Ribbon Style	6
支持各种袋底样式 Support Various Bag Bottom Styles	7
主要技术参数 TechnicalData	7
设备占地规划 Machine Floor Plan	7



CMRD-450C

Automatic Tote Bag Stringing Machine

全自动手提袋穿绳机



Paper Bag

- Drawstring hole spacing
穿绳孔位间距
65-200mm

- Hole diameter
孔位内径
4-6mm



绳材范围 Rope Material

三股绳, 涤纶, 绸缎, 棉绳, 丝带, 低弹力绳, 纸绳等(塑片可制作(鸭舌扣, 马蹄口)的材质都可覆盖)

Cotton, Three-stranded rope, Ribbonrope, wrapped with plastic card heads



机器说明 Machine Description

全自动手提袋穿绳机, 是自动化程度较高的专用设备, 用于为各类手提袋, 自动穿入提绳。实现高精度、高效率的穿绳作业, 适用于大批量生产场景。全自动手提袋穿绳机可实现自动送袋、不间断加袋、冲孔、包塑头、绕线、计数、自动报警等功能。可调节袋的尺寸、高度和孔距。直接节省成本, 提高效率。

This fully automatic bag stringing machine features automatic bag feeding, continuous bag loading, punching, plastic wrapping, winding, counting, and automatic alarms. Bag size, height, and hole spacing are adjustable. The hole size accommodates popular three-strand ropes, elastic cords, and webbing. Adjustable rope length directly reduces costs and improves efficiency. This machine combines traditional packaging with stringing technology and features an automatic counting function for even more convenient packaging.



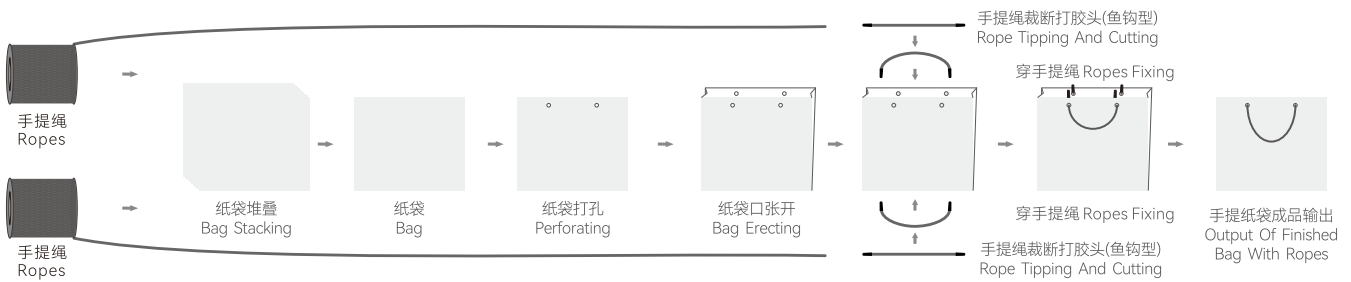
机器特点 Machine Features

- 1. 响应速度快:** 适应高速生产 (如每分钟60-100个袋子)。
- 2. 故障自诊断:** 实时监测设备状态, 异常时自动报警并提示解决方案 (如断绳、卡袋等)
- 3. 连续作业能力:** 配备自动送料、穿绳、出料一体化流程, 减少人工干预。
- 4. 人机协作:** 触摸屏界面友好, 支持产量统计、效率分析等数据化管理。
- 5. 低噪音运行:** 伺服系统噪音低于70dB, 优于传统机械式设备。
- 6. 无油污污染:** 全电动驱动避免气动系统的油雾污染, 符合食品包装卫生要求。

- 1. Fast Response:** Suitable for high-speed production (e.g., 60-100 bags per minute).
- 2. Fault Self-Diagnosis:** Real-time monitoring of equipment status, automatic alarms and solutions (e.g., rope breakage, bag jams, etc.)
- 3. Continuous Operation:** Equipped with an integrated process for automatic feeding, rope threading, and discharging, reducing manual intervention.
- 4. Human-Machine Collaboration:** A user-friendly touchscreen interface supports data-based management, including production statistics and efficiency analysis.
- 5. Low-Noise Operation:** The servo system noise level is less than 70dB, surpassing traditional mechanical equipment.
- 6. Oil-Free:** The fully electric drive eliminates the oil mist contamination of pneumatic systems, meeting food packaging hygiene requirements.



工艺流程图 Process Flowchart



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Increased net production time by 4 hours per day
每日净生产时间增加4小时

50,000 💰

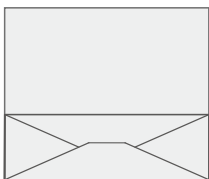
Annual labor cost savings of over 50,000 RMB
年节省人力成本超5万元

3,000,000 🇺🇸

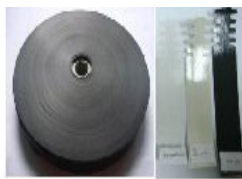
Increase annual production capacity by more than 3 million dollars per machine
每台机年增产能超300万



原材料 Raw Material



纸袋
Paper Bag



绳子包塑料卡头
Tipped Rope



三股绳
Twisted Rope



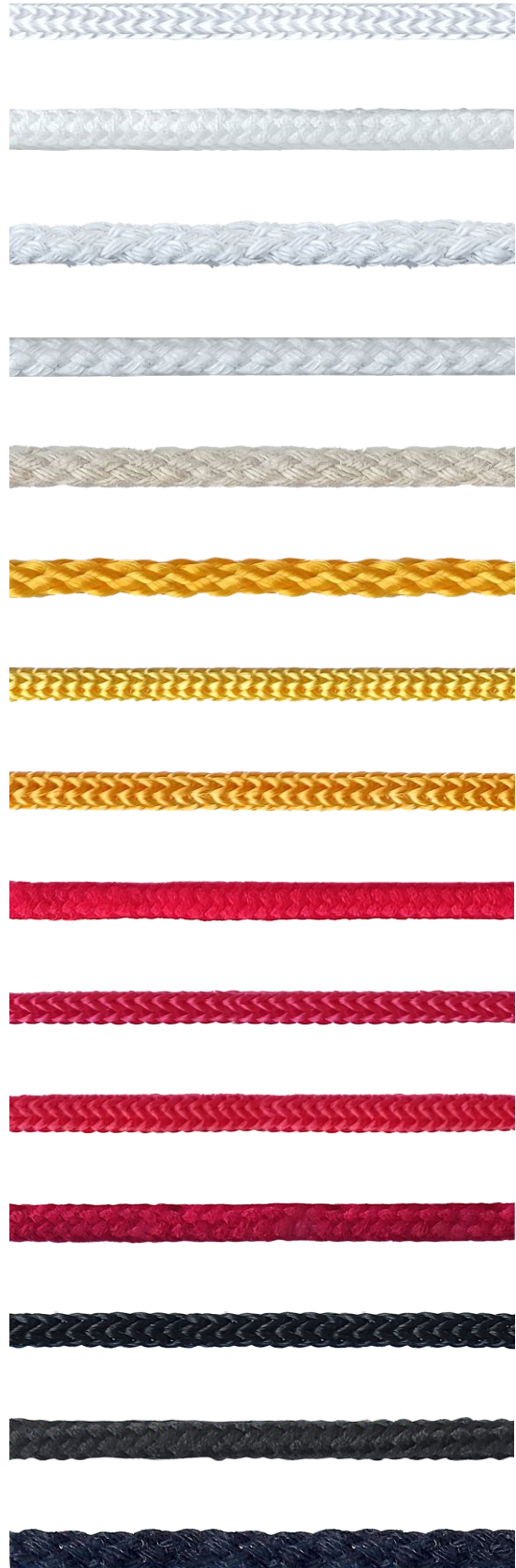
丝带
Flat Belt



丙酮水
Acetone

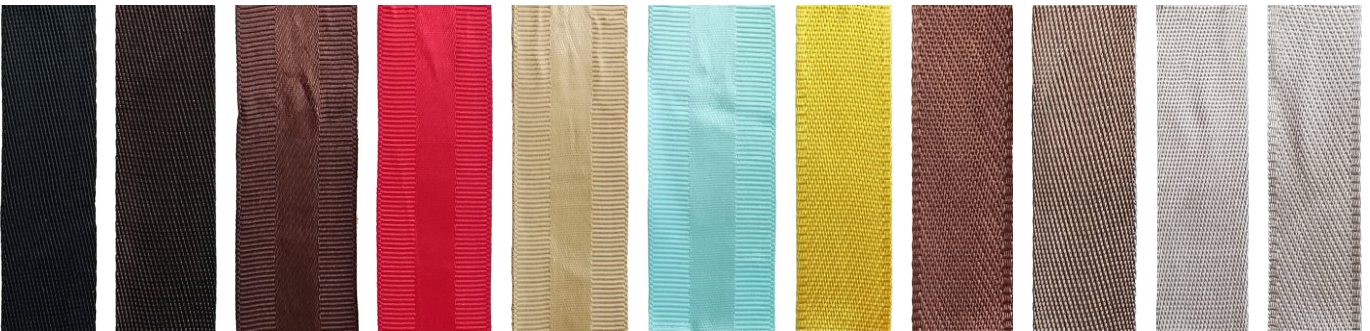


绳子样式 Hand Rope Style





丝带样式 Ribbon Style





支持各种袋底样式 Support Various Bag Bottom Styles



主要技术参数 Technical Data

纸袋尺寸 Sheet Paper Size		
袋面最小尺寸	Min. bag Size	150x160x(80-100)mm
袋面最大尺寸	Max. bag Size	450x450x(80-250)mm
纸张克重 Bag tickness		
纸张克重	Bag tickness	140-300GSM
孔位 Hole position		
穿绳孔位间距	Drawsring hole spacing	65-200mm
孔位内径	Hole diameter	4-6mm
运行 Running		
不带鸡眼速度	Speed without pumping eyes	50pcs/min
安装要求 Installation		
功率	Power	7.5kw
尺寸和重量 Dimensions and weight		
设备尺寸	Size	3000x2000x2200mm
重量	Weight	2T
绳长String length		
绳长	String length	Min.200mm plus hole spacing Total length 320-450mm, excluding rope tension (最短200mm+孔距)总长度320-450mm(含绳子张力)



设备占地规划 Machine Floor Plan

