

A0
Version

CHAMPION
MACHINERY

MACHINERY MANUFACTURER OF **LUXURY PAPER BAGS**
CHAMPION MACHINERY MANUFACTURING CO.,LTD.



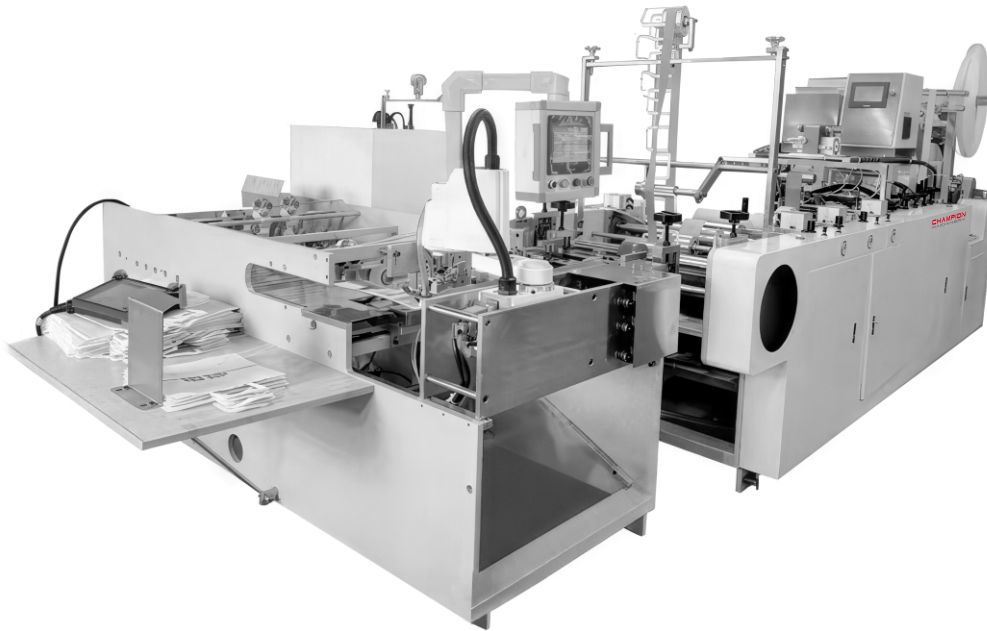
Tel: +86 139 2586 8276
WhatsApp: +86 139 2586 8276



E-mail: Bel@championbagmaker.com
Website: www.paper-bag-machine.com



Add: 42#2and Longyan Industrial Avenue, Humen Town
Dongguan City, China PR



CMPS-350A

Paper Bag Angle Flat Paper Handle Pasting Inline With
Handle Making Machine-Single Robotic

纸袋扁绳自动贴手腕机——单机器人

目录

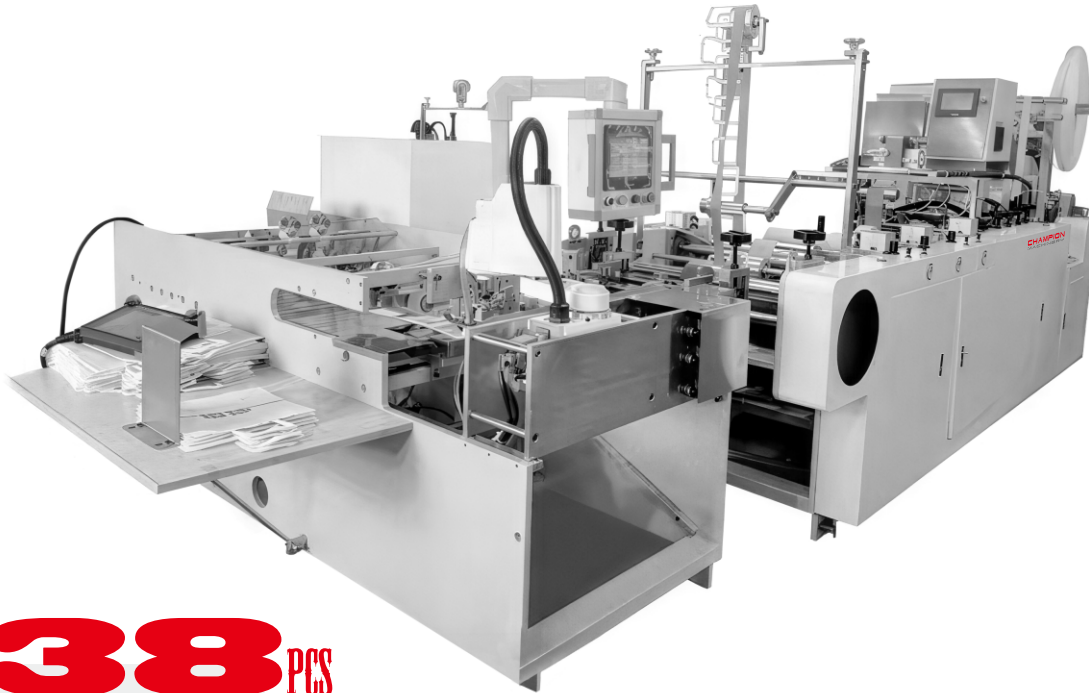
Contents

机器名称图片 Machine Name Image	3
工艺流程图 Process Flowchart	3
机器说明 Machine Description	4
机器特点 Machine Features	4
主要技术参数 Technical Data	5
设备占地规划 Machine Floor Plan	5

CMPS-350A

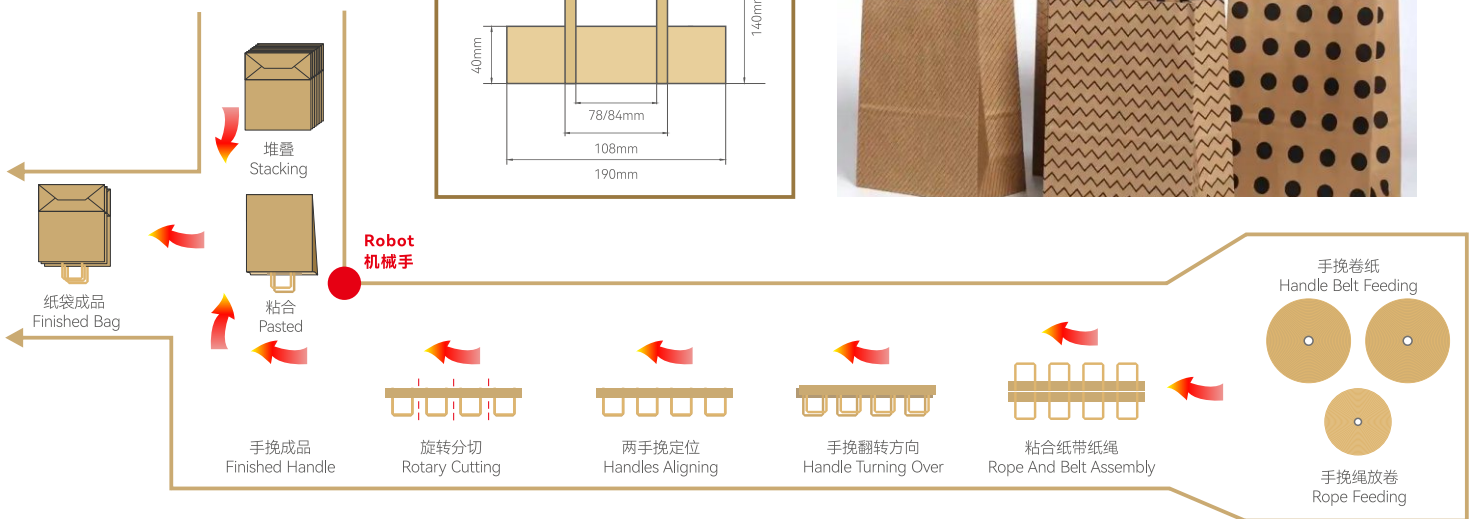
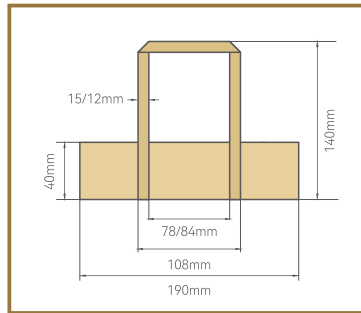
Paper Bag Angle Flat Paper Handle Pasting Inline
With Handle Making Machine-Single Robotic

纸袋扁绳自动贴手腕机——单机器人



38 PCS

One minute 1分钟



Single Robotic (Standard) 单机器人 (标准)



機器說明 Machine Description

该机主要配套半自动纸袋机使用。以两卷窄纸卷和一条纸绳为原料，将纸带粘合在一起，逐步切断形成纸质提手。

该机可在线生产扁绳提手，在线将提手粘贴在纸袋上，制成纸质手提袋。速度稳定，可达每分钟38个以上。

This machine is primarily used in conjunction with a semi-automatic paper bag machine. It uses two narrow paper rolls and a paper rope as raw materials. The paper rope is bonded together and then gradually cut to form paper handles.

This machine can produce flat rope handles online and then attach the handles to paper bags online to create paper tote bags. It produces a stable speed of over 38 bags per minute.



机器特点 Machine Features

生产速度: 38个/分钟（视扁绳材质与纸袋尺寸调整），支持连续化产线集成。

定位精度: 采用光学传感与伺服驱动系统，贴装位置误差 $\leq \pm 0.5\text{mm}$ ，避免手挽歪斜或脱胶。

速干胶粘合技术: 搭载台湾或德国进口胶黏系统，喷胶量可编程控制，确保扁绳与纸袋瞬间粘合且无溢胶。

自适应调节机构: 设备内置机械式间隙消除模块，兼容袋宽220-450mm、扁绳宽度12mm的规格。

人机交互界面: 配备触摸屏+PLC控制系统，集成参数预设、生产计数、故障自检（如缺绳/断胶报警）功能。

节能设计: 待机状态下自动降功耗，支持7×24小时连续运行。

模块化架构: 核心部件（送绳模块、胶枪、压合辊）采用快拆设计，维护便捷。

重型机身: 整机重量约2000kg，搭配进口线性导轨，抑制高速振动，延长使用寿命。

Production Speed: 38 pieces/minute (adjustable depending on the rope material and paper bag size), supporting continuous production line integration.

Positioning Accuracy: Utilizing an optical sensor and servo drive system, placement accuracy is $\leq \pm 0.5\text{mm}$, preventing misalignment or debonding.

Quick-drying Glue Bonding Technology: Equipped with an adhesive system imported from Taiwan or Germany, the adhesive spray volume is programmable, ensuring instant, overflow-free bonding of the rope and paper bag.

Adaptive Adjustment Mechanism: The machine features a built-in mechanical gap elimination module, compatible with bag widths of 220-450mm and rope widths of 12mm.

Human-Machine Interface: Equipped with a touchscreen + PLC control system, it integrates parameter presets, production counters, and fault self-diagnosis (such as rope shortage/glue breakage alarms).

Energy-saving Design: Automatically reduces power consumption in standby mode, supporting 24/7 operation.

Modular Architecture: Core components (rope feed module, glue gun, and lamination roller) feature quick-release design for easy maintenance. Heavy-duty body: The whole machine weighs about 2000kg and is equipped with imported linear guide rails to suppress high-speed vibration and extend service life.



主要技术参数 TechnicalData

外形尺寸	Overall Dimension	L6000*W2450*H1700mm
电机品牌	Motor Brand	正名ZHENGMING Geared motor
机器功率	Total Power	380V,10KW,50HZ
伺服电机品牌	Servo Motor Brand	汇川IN O VANCE
伺服电机功率	Servo Motor Power	750W两组750W Two group
PIC编程品牌	PIC Programming Brand	汇川IN O VANCE
机械手	Mechanical Arm	台达DELTA Taiwan
纸绳间距(A)	Handle Spacing	108mm
纸绳宽度(B)	Paper Rope Width	12mm
纸绳高度(C)	Paper Rope Height	100mm
纸片宽度(D)	Paper Width	40mm
纸片长度(E)	Paper Length	190-170-152mm
纸绳长度	Paper Rope Length	352mm
纸袋厚度	Paper Thickness	90-130g
纸袋宽度	Bag Width	220-450mm
纸袋高度	Bag Height	220-450mm
袋口140mm以上(袋宽减去风琴位的宽度)	Top Opening Size Over	140mm(Bag Width minus the width of folding)



设备占地规划 Machine Floor Plan

