

**CHAMPION
MACHINERY**

MACHINERY MANUFACTURER OF **LUXURY PAPER BAGS**

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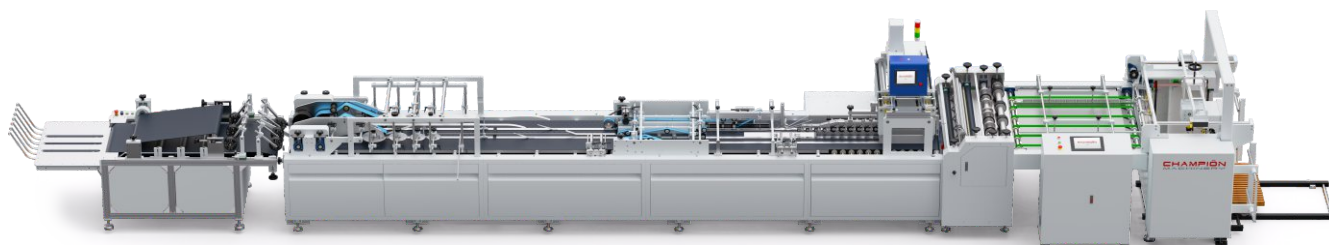


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CMTF-1100 AT

Paper Bag Tube Forming Machine With Gusset

纸袋糊筒机带风琴



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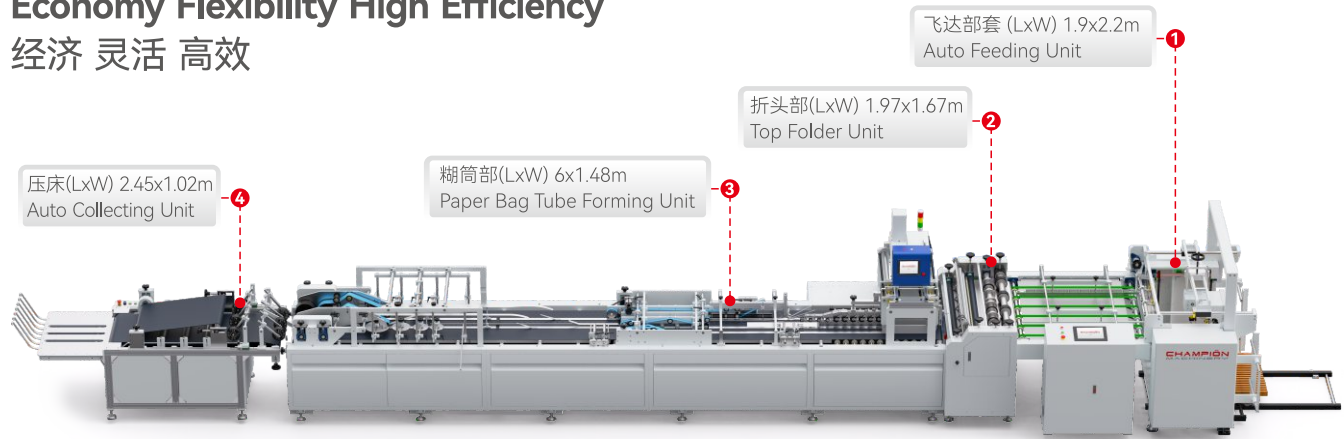
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Paper Bag Tube Forming Machine With Gusset

纸袋糊筒机带风琴

Economy Flexibility High Efficiency

经济 灵活 高效



2000⁺

最小上机数量
MOQ Sheets

30-45
mins

调机时间
Size Change

5000⁺
hour

每小时的产量
Capacity / Hour

0.03%

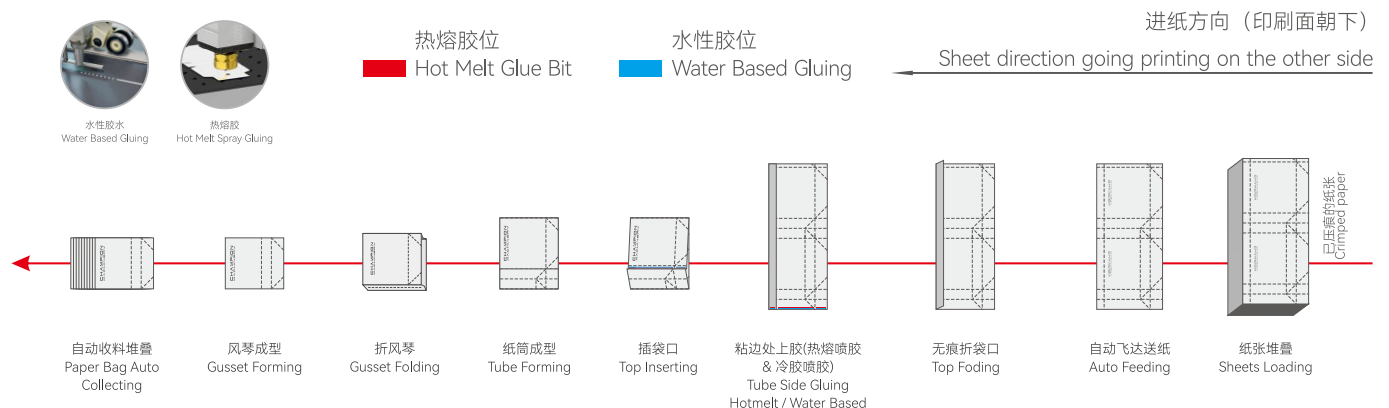
报损率
Wastage Rate

0

零经验
0 Skills



工艺流程图 Process Flowchart





机器说明 Machine Description

纸袋糊筒机是纸袋生产中的核心设备，用于将单张压痕纸板自动粘合成筒状结构，为后续糊底工序提供预制筒体。其工作流程主要包括自动送纸、定位校准、上胶糊筒、风琴位折叠及压合成型等环节。

主要应用于服装袋、购物袋、礼品袋、食品包装袋等纸容器的筒体制作，适配牛皮纸、铜版纸、覆膜纸等多种材质。

The paper bag tube gluing machine is a core piece of equipment in paper bag production. It automatically glues single sheets of creased cardboard into a tube-shaped structure, providing a prefabricated tube for the subsequent gluing process. Its workflow primarily includes automatic paper feeding, positioning and calibration, gluing and gluing, accordion folding, and pressing and forming.

It is primarily used to produce tubes for paper containers such as garment bags, shopping bags, gift bags, and food packaging bags. It is compatible with a variety of materials, including kraft paper, coated paper, and laminated paper.



机器特点 Machine Features

高效连续生产：全自动送纸系统配合变频调速，实现每分钟70-100个纸筒的高速输出。集成糊筒、折风琴、压合流水线，减少人工干预。

精准定位控制：光电传感器+侧规/拉规系统，确保纸张对位精度 $\leq \pm 0.5\text{mm}$ ，伺服电机驱动配合PLC编程，实现风琴位折叠深度、压合力度等参数一键调节。

灵活适配多场景：适用克重范围广（150-350g），包括覆膜纸、纸纱复合等特殊材质。

智能胶控系统：可选冷胶滚涂或热熔胶喷胶技术，胶量独立调控避免溢胶，部分机型配备胶路自检功能，实时预警堵塞故障。

耐用易维护设计：关键部件采用耐磨材料，延长使用寿命。

Efficient and Continuous Production: A fully automatic paper feeding system with variable frequency speed control achieves a high-speed output of 70-100 paper tubes per minute. Integrated tube gluing, accordion folding, and laminating lines reduce manual intervention.

Precise Positioning Control: A photoelectric sensor plus side/pull gauge system ensures paper alignment accuracy $\leq \pm 0.5\text{mm}$. A servo motor drive coupled with PLC programming allows one-touch adjustment of parameters such as accordion fold depth and laminating force.

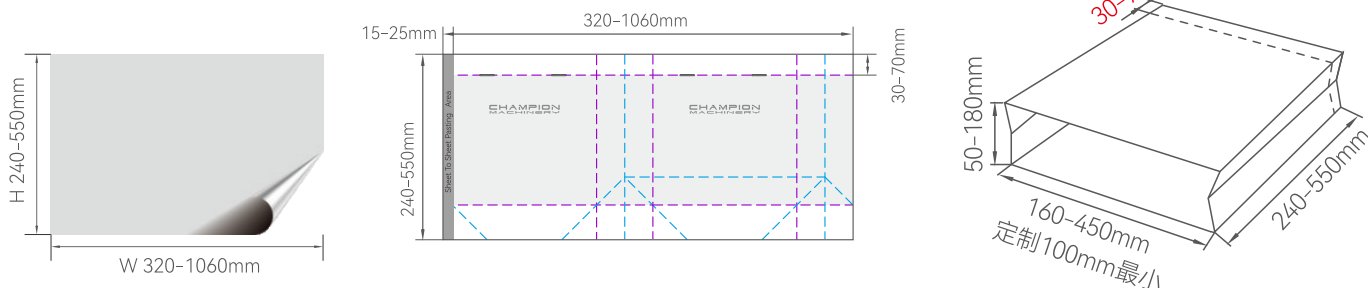
Flexible Adaptability: Suitable for a wide range of weights (150-350g), including special materials such as coated paper and paper-yarn composites.

Intelligent Glue Control System: Available with either cold glue roller coating or hot melt glue spraying technology, glue quantity is independently controlled to prevent overflow. Select models feature a glue path self-diagnosis function, providing real-time warning of blockages and faults.

Durable and Maintenance-Friendly Design: Key components are constructed of wear-resistant materials for extended service life.



参数示意图 Sheet Paper Data



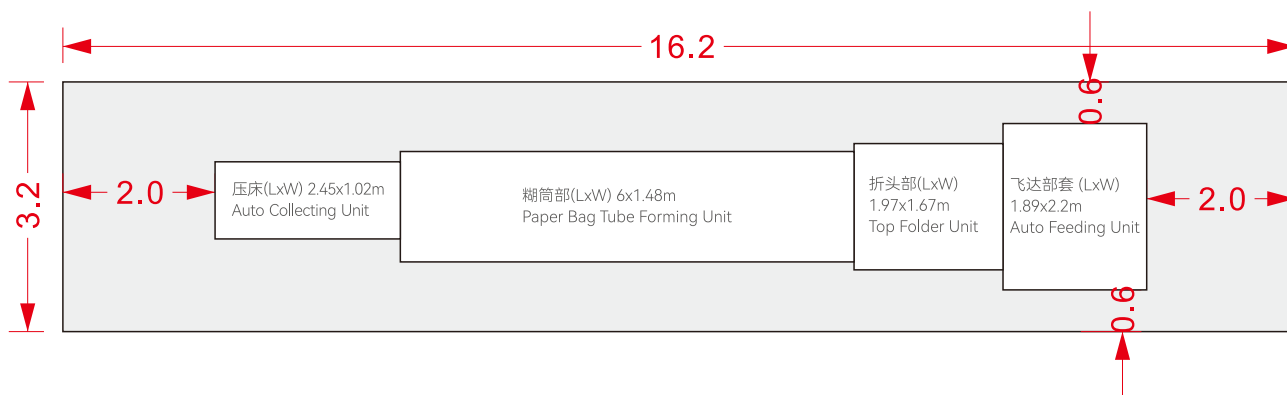


主要技术参数 TechnicalData

纸张尺寸 Sheet Paper Size		
W进纸宽度范围	Sheet Paper Width	320-1060mm
H进纸长度范围	Sheet Paper Length	240-550mm
纸筒尺寸 Paper Bag Tube Size		
折袋口尺寸	Paper Bag Top Folder Depth	30-70mm
纸筒宽度	Paper Bag Tube Width	160-450mm Customized Min 100mm
纸筒长度	Paper Bag Tube Length	240-550mm
风琴尺寸	Paper Bag Gusset	50-180mm
粘位尺寸	Sheet Paper Glue Side	15-25mm
适用纸张原材料和耗材 Suitable Paper Material & Glue & Handle		
牛皮纸	Kraft Paper	120-350gsm
铜版纸/覆膜纸	Coat Paper / Laminated	128-250gsm
白卡纸	White Board Paper	157-300gsm
灰板纸	Grey Board Paper	128-300gsm
胶水	Glue	标配热熔胶, 选配水性冷胶 Standard: Hot-melt adhesive; Optional: Water-soluble cold glue.
手提绳	Handle	纸手腕圆/扁, 贴丝带, 打头手提绳子/丝带 其他 Flat paper handle, twisted paper handle, tipping with rope or ribbon handle, Ribbon handles with top cardboard pasting glue fix of luxury paper bag
运行 Running		
速度	Speed	0-80 pcs/min
电压	Voltage	380V/220V 50/60HZ 3 phase
生产功率	Production Power	6-7.5KW
机器尺寸和重量 Machine Size & Weight		
尺寸	Size	12.2×2×1.6M
重量	Weight	4.7T
安装要求 Installation		
装机总功率	Total Power Supply	17.5KW
压缩空气	Compressed Air / Capacity	6bar
储气罐能量	Air Tank Capacity	15m³/h



设备占地规划 Machine Floor Plan





核心配件 Core Accessories



SynMatic

运动控制系统
伺服电机/伺服驱动/变频器
SIMOTION
Servo motor/servo drive/frequency converter

安驰 中国
SynMatic China



SynMatic

总线控制
BUS CONTROL

安驰 中国
SynMatic China



FOTEK

编码器/接近开关
热过载继电器接触器
ENCODER/PROXIMITY SWITCH
Thermal overload relay contactor

阳明 台湾
FOTEK Taiwan



KEYENCE

主光电眼/光纤
MAIN OPTICAL EYE/FIBER

基恩士 日本
Keyence Japan



繁易
FLEXEM

触摸屏
TOUCH SCREEN

繁易 中国
FLEXEM China



亞德客
Airtac

电磁阀
SOLENOID VALVE

亚德客 台湾
AirTAC Taiwan



CPG

减速机马达
REDUCER MOTOR

晟邦 台湾
Shengbang CPG Taiwan



SIEMENS

主马达
MAIN MOTOR

茵梦达 德国
Innomotics Germany



ORION

真空泵
VACUUM PUMP

好利旺 日本
ORION Japan