

Market Background

为什么选择我们?

- 扁绳纸袋及小批次订单仍然依赖纯手工制作；
 - 市场上纸袋工艺大部分是侧面封边 + 底部粘合，而底部是纸袋主要受力部位，容易导致底部脱胶；
 - 袋子折平后正面有腰线，侧面有大字腰线，底部为多层重叠，纹路线条繁杂，破坏了纸袋整体性和印刷图案；
 - 袋口包口内侧无粘合，内侧外弹影响使用。
- Flat rope paper bags and small batch orders still rely on pure handmade production;
- Most of the paper bag processes on the market are side edge sealing + bottom bonding, and the bottom is the main stress-bearing part of the paper bag, which easily leads to bottom degumming;
- When the bag is folded flat, there is a waistline on the front and a waistline with large characters on the side. The bottom is multi-layered and the lines are complicated, which destroys the integrity of the paper bag and the printed pattern;
- There is no bonding on the inside of the bag opening, and the inside is elastic, which affects its use.

New Process Solution

新工艺方案



解决现有纸袋工艺问题
Solve That Existing Pap Bag Process Problems
我们提供一种

全自动化 U 型包裹两侧中封制袋工艺
穿扁绳与制袋一体自动化完成

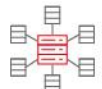
We provide a "fully automated U-shaped wrapping and center-sealing on both sides" bag-making process, in which the flat rope threading and bag-making are completed automatically.



解决底部脱胶问题
Solve The Problem Of Bottom Degumming
以底部为中心 U 字成型，两侧中折线处中封

底部为整张平底

The bottom is used as the center to form a U shape, and the two sides are sealed at the center fold lines, and the bottom is a whole flat bottom.



保持承重力
Maintain Load-Bearing Capacity

自动穿绳和热熔胶自动喷涂工艺
承重达到 20KG 以上

Automatic rope threading and hot melt adhesive automatic spraying process, the load-bearing capacity reaches more than 20KG.



解决袋面美观度问题
Solve The Problem Of Bag Surface Aesthetics

正面整洁大方，侧面只有一条中折线，不会破坏印刷图案
折叠方式为底部 M 底内折
袋口内折处粘合成整体，无反弹，方便使用

The front is neat and elegant, and there is only a fold line on the side, which will not damage the printed pattern.
The folding method is the bottom M bottom inner fold
The inner fold of the bag mouth is bonded into a whole, without rebound, and easy to use.



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抖音视频



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Industry Is Keeping Change
Because Of Us
行业因我们而改变

GREAT 3.0 SUPREME
SHEET FED NON-CREASE
PAPER BAG MACHINE

第三代至尊无腰线片张纸袋机



Equipment Adopts Full-Servo Bus Control

新旧工艺对比



旧工艺侧面
Old process side



新工艺侧面
New process side



旧工艺底面
Old process bottom



新工艺底面
New process bottom



旧工艺底卡
Old process bottom card



新工艺无底卡
New process without bottom card



旧工艺正面
Old process front



新工艺正面
New process front



旧工艺穿绳
Old process manual add handle



新工艺自动穿绳
Oyang process automatic add handle



第三代至尊无腰线片张纸袋机

M 底折袋装置

M bottom bag folding device

袋体采用 U 字成型工艺，两侧中封，底部为整体，无脱胶、无脱底风险。配合理袋装置可以实现纸袋批次叠放。

The bag body adopts U-shaped forming process, with two sides sealed in the middle and the bottom as a whole, so there is no degumming and no risk of bottom peeling. With the bag-sorting device, batch stacking of paper bags can be realized.

扁绳自动穿绳装置

Automatic flat rope threading device

扁绳自动穿绳，通过热熔压敏胶与袋口内侧双面粘合，可达 20KG 以上的承重能力。

The flat rope is automatically threaded, and the load-bearing capacity can reach more than 20KG through hot melt pressure sensitive adhesive and double-sided bonding on the inside of the bag mouth.

快速更换模具功能

Quick mold change function

能够快速更换袋子规格，提高换品调机速度。

The bag specifications can quickly change bag specifications and increase the speed of product change and machine adjustment.

全伺服总线控制

Equipment Adopts Full-Servo Bus Control

操作简单，自动化水平已达到 90%，废品率低。

Easy to operate, with an automation level of 90% and a low scrap rate.

飞达自动上料

Equipment adopts auto feeder

袋口采用自动 头卡补片加对折三层结构，两侧中封无搭边缝隙，同时具备双倍承重能力。

The equipment adopts automatic feeding by feeder, which is stable and accurate. The bag mouth adopts automatic head card patch plus folding three-layer structure, which makes the bag mouth more firmly stressed. The bag mouth is rounded around the inner fold, and there is no overlap gap in the middle seal on both sides, and it has double load-bearing capacity.

2000 米卷筒扁绳上料

Feeding of 2,000-meter Rolled Flat Rope

卷筒扁绳上料，并通过扁绳熨烫工艺能够烫平扁绳上的褶皱，提高生产稳定性。

The flat rope of the drum is fed, and the wrinkles on the flat rope can be ironed through the flat rope ironing process, which improves the production stability.

热熔压敏胶

Hot Melt Pressure Sensitive Adhesive

采用热熔压敏胶作为中封粘合剂，具有耐高温性和强粘合性。

Hot melt pressure sensitive adhesive is used as the middle sealing adhesive, which has high temperature resistance and strong adhesion.

袋口包口后内侧打胶固定

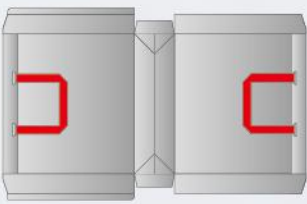
The inside of the bag is glued after the opening is closed.

不会反弹，轻松拿取里面物品。

It won't bounce back, making it easy to take out items inside.

工艺流程

Process Flow



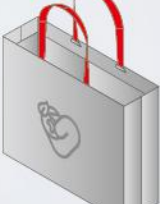
模切片料飞达送料后

自动穿扁绳 (手提)

After The Die-Cutting Material

Is Fed By The Feeder, The Flat Rope

Is Automatically Threaded (Handheld)



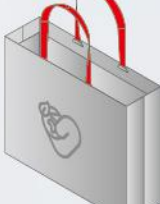
主机模具

U 字成型和两边中封

Mainframe Mold -

U - Shaped Forming And

Sealing On Both Sides



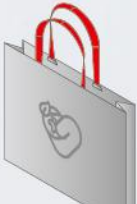
折口机

袋口包口和喷胶固定

Folding Machine -

Bag Mouth Sealing And

Glue Spraying



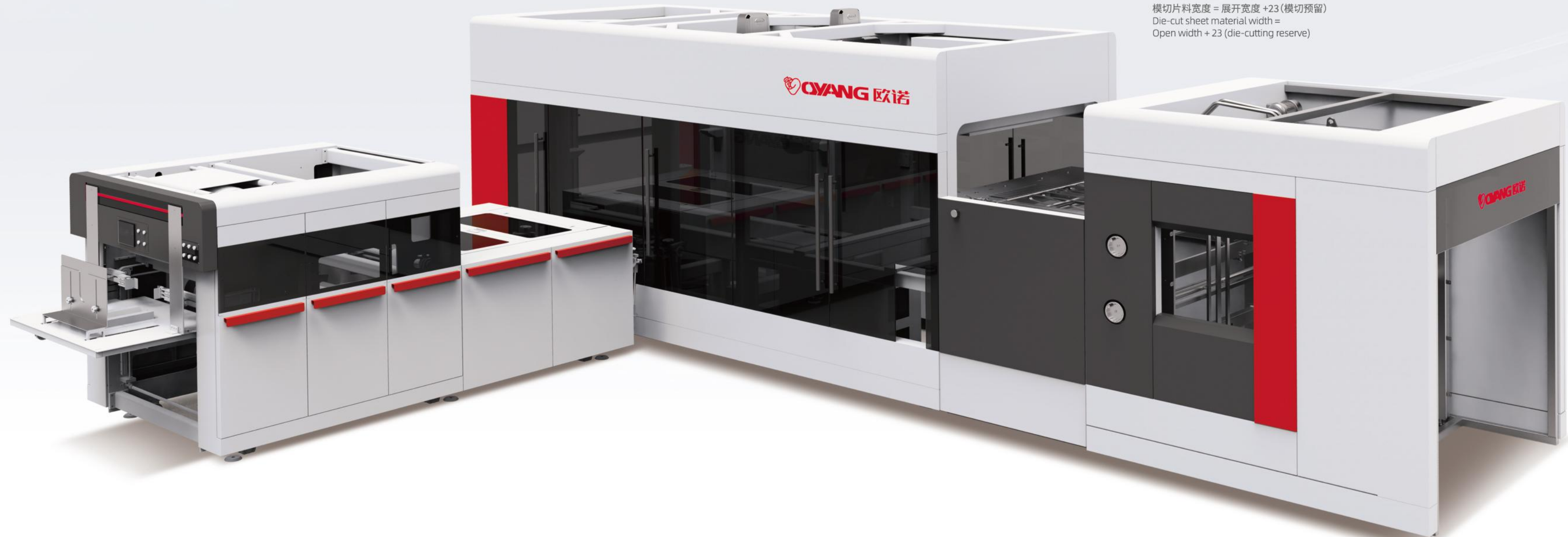
折袋机

底部 M 底内折

Bag Folding Machine -

Bottom M

Bottom Inner Fold



展开长度

Open Length

650~1190mm

展开长度 = 2 * 袋高 + 侧宽 + 90

Open length = 2 * height + gusset + 90

模切片料长度 = 展开长度 + 16 (模切预留)

Die-cut sheet material length =

Open length + 16 (die-cutting reserve)

展开宽度

Open Width

360~740mm

展开宽度 = 正宽 + 侧宽 + 36

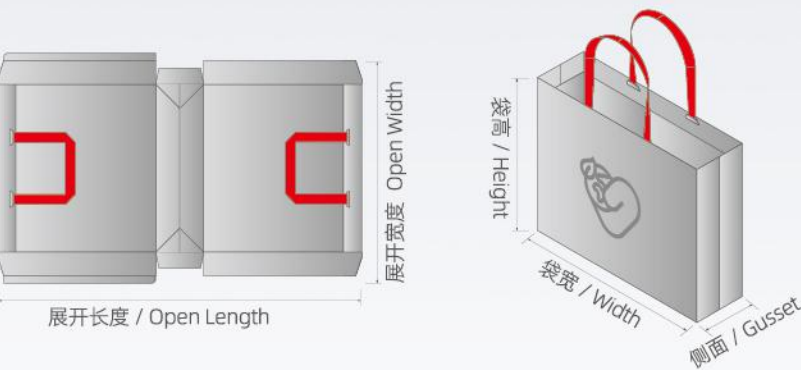
Open width = width + gusset + 36

模切片料宽度 = 展开宽度 + 23 (模切预留)

Die-cut sheet material width =

Open width + 23 (die-cutting reserve)

型号	Model No.	GREAT 3.0
制袋尺寸 与把长 Size Range	袋高 / Height	240-450mm
	袋宽 / Width	240-500mm
	侧面 / Gusset	80-200mm
	手提绳 / Handle legnth	420-560mm
	手提宽度 / Handle width	20-30mm
	片料尺寸(长) / Sheet material size (Length)	650-1190mm
速度 Speed	生产速度 / Production speed	30-45只/分钟 30-45 pcs/min
	介质 Media	白卡纸、金银卡纸(片张) White cardboard, gold and silver cardboard (sheet)
功率 Power	材料克重 / Material weight	180-300g
	平均功率 / Average power	56KW
电压 Required Power	电源 / Power supply	380V
	设备规格 Machine Specification	主机重量(主机+飞达) / Host Weight (Host+Feida) 7.5T
	折包机重量 / Folding Machine Weight	750kg
	机器尺寸 / Machine Size	8000(L)x7000(W)x2800(H)mm
	占地面积 / cover an Area	35m²



30min 快速换规
实现穿编绳制袋一次成型 整机只需 **2** 人操作
1 - pass Bag - making (String Threading & Braiding),
Operable by 2 Staff