

再登高™

GetonAgain®

## 床单全自动生产线

## Automatic Bed Sheet Production Line

由上料机构、可调宽度的纵缝机构、定长拉取的横裁机构、自动送料  
的横向输送机构、自动卷边的横缝机构及出料机构组成的床单全自动  
生产线。

A fully automated bed sheet production line composed of a feeding mechanism,  
an adjustable-width longitudinal sewing mechanism, a fixed-length transverse  
cutting mechanism, an automatic transverse conveying mechanism, an  
automatic hemming transverse seam mechanism, and a discharging  
mechanism.

### 纵缝机构 Longitudinal Sewing Mechanism

- 钢结构，由可移动的侧边缝机头、传输及卷边组件等组成。
- 缝机机头可滑动，方便维修，缝切宽度 1600mm-3000mm。
- 左手和右手进口缝机机头（即镜像机头），配有专用的卷边工装，卷边尺寸15mm-80mm。
- 具有断线检测功能，断线后自停。
- 机头自动供油。
- Steel structure and composed of a movable side seam sewing head, transmission, and hemming components, etc.
- Sewing head is slidable for easy maintenance, with a sewing width of 1600mm-3000mm.
- Equipped with left-hand and right-hand popular branded sewing heads (mirror-image heads), featuring specialized hemming fixtures with hemming sizes ranging from 15mm to 80mm.
- Includes a thread breakage detection function, automatically stopping when the thread breaks.
- Sewing head is equipped with automatic oil supply.

### 缓冲机构 Buffer mechanism

用于匹配纵缝机构和横裁机构，使其能够连续配合工作，提高生产效率。

Used to match the longitudinal sewing mechanism and the transverse cutting mechanism, enabling them to work continuously in coordination and improve production efficiency.

### 横裁机构

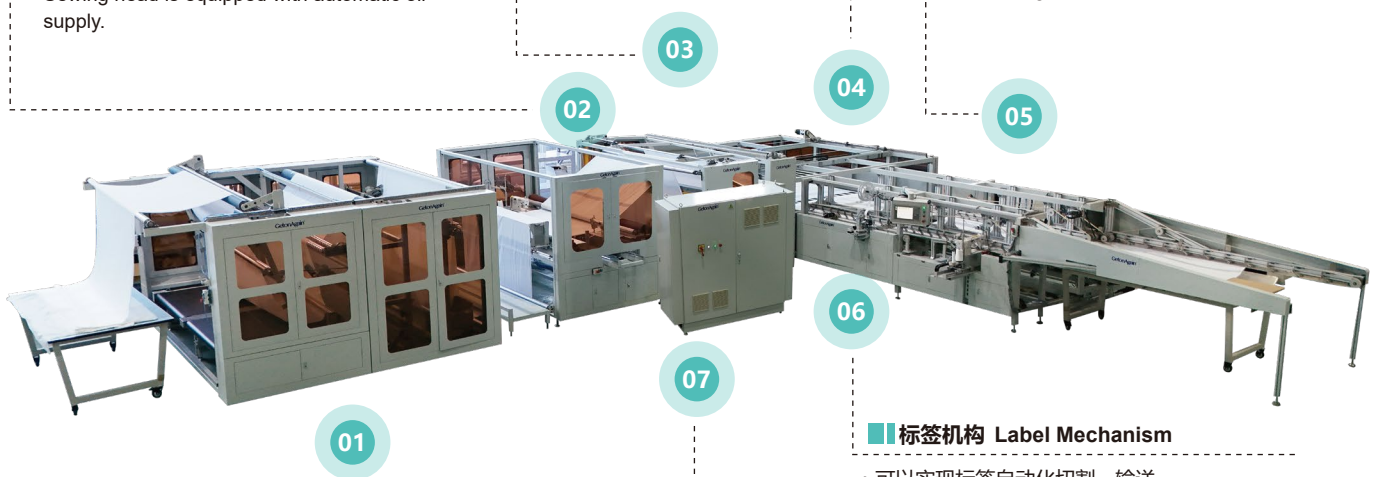
#### Transverse Cutting Mechanism

自动按设定的长度尺寸切割已纵缝的布料。

Automatically cut longitudinally the sewn fabric according to the set length size.

### 横缝机构 Transverse Sewing Mechanism

- 上压带配合机头环带装置同步传输布料，确保布料顺利进入机头压脚。
- 横向输送宽度可调，缝切宽度 1500mm-2800mm。
- 切边及废料收纳功能。
- 自动卷边机构实现块状布料自动卷双边，卷边宽度15mm。
- Upper pressure belt cooperates with the machine head loop-belt device to synchronously transmit the fabric, to ensure the fabric being fed to machine head presser foot smoothly.
- Adjustable transverse conveying width, sewing width 1500mm-2800mm.
- Features edge trimming and waste collection functions.
- Automatic hemming mechanism realizes automatic hemming of both sides of rectangular cutting piece fabric and with a hemming width of 15mm.



### 上料机构 Feeding Mechanism

提供连续性的原材料供应，其中包括如下功能：

- 无料检测功能
- 独立储料、醒布功能
- 自动纠偏功能
- 切边功能
- 可选配半自动接布机
- 可选配整理开幅机
- 可选配废料收纳箱

Provide continuous supply of raw materials, including the following functions:

- Material feeding shortage detection.
- Independent material storage and fabric relaxing function.
- Automatic alignment correction.
- Edge trimming function.
- Optional semi-automatic fabric splicing machine.
- Optional fabric opening and spreading machine.
- Optional waste collection box.

### 标签机构 Label Mechanism

- 可以实现标签自动化切割、输送。
- 标签类型、方式根据需求选择。
- 可做折叠、平放两种结构。
- Can achieve automated label cutting and conveying.
- Label type, method selections are according to requirement.
- Can be folded or laid flat two options.

### 控制机构 Control Mechanism

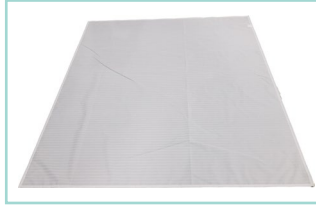
- 整机伺服控制，再登高控制系统，人机交互操作。
- 控制装置和控制柜的位置可根据客户现场位置设计。
- 可根据客户需求定制开发。
- Full servo control of the entire machine, with GetonAgain control system, human-machine interaction operation.
- Position of the control device and control cabinet can be designed according to the customer's site requirements.
- Custom development can be carried out based on customer needs.

## 床单全自动生产线 Automatic Bed Sheet Production Line

### 适用范围 Application

适用于床单、窗帘等家纺领域布料的连续四边卷边缝制。

Suitable for continuous four-edge hemming and sewing of fabrics in the home textile industry, such as bed sheets and curtains.



### 机器参数 Parameters

推荐型号: Model:	GAAS-LM-ES-4-2800×3000-FS1-CN-AL,AT,AEG,ALF,CD-3P380		
占地尺寸: Machine Size:	16000mm×12000mm×3100mm (L×W×H)	设备生产节拍: Production Speed:	3-4 pcs /min
床单四边处理方式: 双折边 Four Sided Treatment Method For Bed Sheets: Double fold edge		主轴最高转速: Max. Shaft Speed:	4500RPM
机针: Needle:	14#, 16#	线迹: 单针链式线迹 (可选锁式) Stitch: Single needle chainstitch (lockstitch as option)	
针步: Stitch Length:	2mm-4.5mm	额定功率: Power:	35KW
床单宽度范围: Bed Sheet Width Range:	1600mm-3000mm	电源: Power Supply:	380V 50Hz
床单长度范围: Bed Sheet Length Range:	1500mm-2800mm	气压: Air Pressure:	0.6MPa-0.8MPa

### 主要配置 Machine Configuration



再登高电脑控制系统  
GA Computerized Control System



净边装置  
Edge Trimming Device



吸边器  
Edge Catcher



送布环带  
Fabric Feeding Loop-belt



SMC气动元件  
SMC Pneumatic Components



伺服电机  
Servo Motor

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