

全自动拉料机

Automatic Spreading Machine



拉料方式 Spreading Method



全伺服控制系统
拉料精度高，速度快，
张力恒定

根据实际生产需求，
可定制不同类型和数
量的料架

Full Servo Control System
High spreading accuracy,
high speed, constant tension

Fabric rack types and
quantities are customizable
based on production
requirements.

应用领域

适用于汽车内饰领域用皮革、无纺布等材料的自动拉料。

Application

Suitable for automatic fabric spreading of materials such as leather, non-woven fabrics and others, for those used in automotive interiors.

性能特点

- 触摸式人机界面：根据不同面料和应用场景，可存储多组配方参数，简化操作难度。
- 全伺服控制系统：响应速度快，运行平稳，最高行走速度可达150米/分钟。
- 恒张力料架：料架配置恒张力控制系统，伺服电机控制自动送料和自动对边。根据用户需求可定制特殊料架。
- 切刀提升装置：根据不同面料厚度和拉料总高度，自动提升刀架，确保拉料平整度和精度的一致性。
- 智能裁刀装置：智能可调节裁刀装置，速度、距离可调，裁切整齐稳定。裁刀可以快速简单的进行拆装。
- 紧急停止装置：可通过遥控器和光电检测装置控制设备紧急停止，确保人身安全。
- 柔性拉布装置：柔性夹布结构，模拟人手夹布动作，自适应拉布时面料张力，杜绝拉布时张力过大面料卷缩问题。
- 可选物联网功能：用户可使用手机和电脑在线监控设备的运行状态、实时和历史生产数据，故障和维护数据等。

Features

- Touchscreen HMI: Stores multiple recipe presets for different fabrics; one-click switching after fabric change.
- Full Servo Control System: Fast response and stable motion; max. travel speed 150m/min.
- Constant-Tension Rack: Servo-controlled automatic feeding and automatic edge alignment with constant tension control system; special racks customizable.
- Cutter Lifting Device: Automatically lifts the cutter holder according to fabric thickness and total spreading height to ensure flatness and accuracy.
- Intelligent Cutting Device: Adjustable cutting speed and distance for neat and stable cutting. Cutter can be quickly installed or removed.
- Emergency Stop System: The machine can be stopped immediately via remote control or photoelectric sensor to ensure operator safety.
- Flexi-spread Device: Flexible fabric clamping structure, simulating manual fabric clamping, auto-sensing fabric spreading tension, eliminating fabric curling problem due to excessive tension during spreading.
- Optional IoT Function: Users can monitor machine status, real-time and historical production data, as well as fault and maintenance records through mobile devices or computers.

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常规型号 Models

* 机器尺寸可定制/Machine dimensions can be customized

型号 Model	系列 Series	拉料宽度 Maximum Fabric Width	裁台宽度 Table Width	机器尺寸 Machine Dimensions(LxWxH)
GOA-SM	L	1600mm	1830mm	2700×2400×1500mm
GOA-SM	L	1900mm	2130mm	3000×2400×1500mm

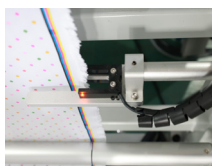
参数说明 Parameters

拉布高度: Spreading Height:	单拉150mm One-way 150mm	布卷直径: Max. Roll Diameter:	1200mm
布卷重量: Fabric Weight:	80kg(可定制重型料架) 80kg (Heavy-duty rack customizable)	行走速度: Moving Speed:	150m/min max.
电源电压: Voltage:	1P 220V 50Hz / 3P 380V 50Hz	马达功率: Motor Power:	3-11kW

标配装置 Standard Equipment



触屏式人机界面
Touchscreen HMI



自动对边装置
Automatic Edge
Alignment Device



单卷恒张力主动送料架
Single-Roll
Constant-Tension Active
Feeding Rack



切刀自动提升装置
Automatic Cutter
Lifting Device

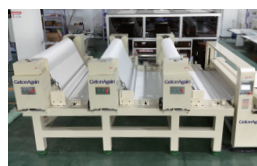


智能裁刀装置
Intelligent Cutting
Device

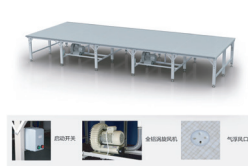


安全防撞装置
Safety Anti-Collision
Device

选配装置 Optional



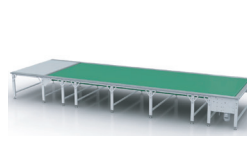
定制送料架
Customized Feeding Rack



气浮台板
Air Flotation Table



标准美耐台板
Standard Melamine Table Top

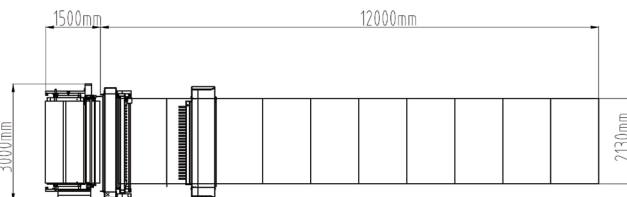
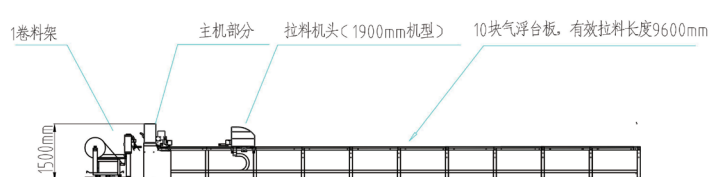


传送带式台板
Conveyor Belt Table



物联网功能
IoT Function

占地示意图 Equipment Floor Plan Schematic



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