

全自动任意转皮革缝纫机(单针)

Automatic Arbitrary Rotary Leather Sewing Machine (Single Needle)



标配电机线张力控制系统
Standard Motorized Thread Tension Control System

应用领域

适用于汽车内饰、汽车座椅、汽车门饰板、飞机座椅、皮革家具内饰等领域的花样自动化缝制。

Application

Suitable for automated pattern sewing in automotive interiors, automotive seats, door trim panels, aircraft seats, leather furniture upholstery and related applications.

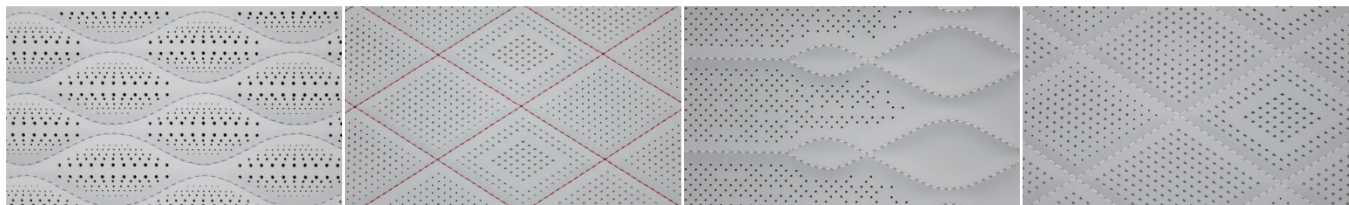
性能特点

- 外观美观, 机架采用双立柱三角形结构, 振动小, 稳定性高。
- 专为皮革材料研制开发的缝纫机头, 标配电机线张力控制系统, 10档力度可调, 支持20组点位参数预设; 缝制全程张力稳定均衡。
- 任意角度旋转机头, 确保缝制过程都是正向线迹; 机头最高可升降50mm, 提供充裕的上料空间, 操作便捷省力。
- 机头配备自动雾化供油系统, 有效延长运动部件使用寿命。
- 压脚电机独立驱动, 压脚高度可在花版中进行设置, 以适应不同厚度及台阶缝纫的需求, 保证压脚的压力一致。
- 集成面线断线实时检测、底线用量精准计数、裁片产量自动统计功能, 实时掌控生产状态。
- 配备皮革专用大旋梭, 显著减少更换底线的频率, 提高生产效率。
- 关键部件如针杆及相关零件采用DLC涂层处理, 表面硬度高, 耐磨损, 显著延长机器使用寿命。
- 卡钩式的快速模板锁紧固定机构, 模板定位准, 牢固可靠。

Features

- Attractive appearance; the frame adopts a double-column triangular structure for low vibration and high stability.
- Special sewing head developed for leather materials, equipped as standard with a motorized thread tension control system, with 10 adjustable tension levels and support for up to 20 preset point-parameter sets; ensures stable and balanced thread tension throughout the sewing process.
- The machine head can rotate to any angle, ensuring forward stitching throughout the sewing process; the head can be lifted up to 50 mm, providing ample loading space for easy and labor-saving operation.
- The sewing head is equipped with an automatic atomized lubrication system, effectively extending the service life of moving parts.
- The independently motor-driven presser foot allows height presets during pattern editing, seamlessly adapting to different thicknesses and stepped workpieces for consistent pressure.
- Integrated with real-time upper-thread break detection, accurate bobbin thread consumption counting and automatic workpiece output counting, it enables real-time monitoring of production status.
- Equipped with a large rotary hook specially designed for leather, it significantly reduces bobbin replacement frequency and improves production efficiency.
- Key components such as the needle bar and related parts are treated with DLC coating, providing high surface hardness and wear resistance, and significantly extending machine service life.
- The hook-type quick template locking mechanism ensures accurate, firm and reliable template positioning.

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常规型号 Models

型号 Model	系列 Series	机头数 No. of heads	针数 No. of needles	缝制面积 Sewing area	占地面积 Machine size (L x W x H)
GOA-AS	R	1	1	1000mm×600mm	2310mm×2130mm×1700mm
GOA-AS	R	1	1	1200mm×800mm	2700mm×2530mm×1700mm

参数说明 Parameters

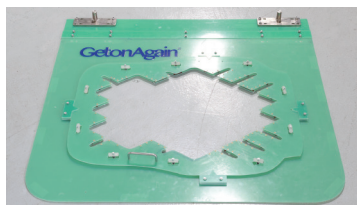
旋梭: Rotary Hook:	2.6倍平梭 2.6X Horizontal Hook	旋梭线容量: Bobbin Capacity:	≈200m approx. 200 m	花版格式: Pattern Format:	.dsr
缝线类型: Stitch Type:	锁式 Lockstitch	针步长度: Stitch Length:	0.1 - 25.6 (mm)	夹框方式: Clamping Type:	钩卡式 Hook-lock
控制系统: Control System:	自主研发控制软件 GetonAgain Self-developed Control Software	数据传送: Data Transfer:	USB	存储容量: Storage Capacity:	8 GB
最高缝纫速度: 2500针/分钟, 皮革类材料适配工作速度1000-1500转/分钟 Max. Sewing Speed: 2500 stitches/min; recommended working speed for leather materials: 1000-1500 rpm					
机架结构: Frame Structure:	悬臂梁 Cantilever Beam	机头运动方式: Machine Head Movement:	任意旋转 Free Rotation		

主要配置 Main Configuration

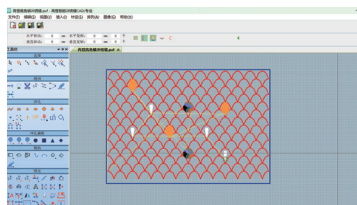
* (以下配置仅供参考, 设备最终配置以制造商出厂标准为准)
(Below are for reference, pls. consult with GetonAgain for the final configurations)

- 全伺服
- 三丝杠
- 电机线张力控制系统
- 高精度直线导轨
- 2.6倍水平旋转梭
- 双支撑机架
- Full-servo system
- Triple lead-screw drive
- Motorized Thread Tension Control System
- High-precision linear guide rails
- 2.6X horizontal rotary hook
- Dual-support frame

选配装置 Optional



模板工装
Template Fixture



智能冲绣缝CAD系统
GetonAgain SewPerEmb CAD



智能物联网系统
GOATS-IIoT System

天津飞纤智能装备制造有限公司

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