

## 全自动异形孔旋转冲绣缝一体机

## Fully Automatic Perforation (Special-hole)+Embroidery +Sewing (Rotating Head) Machine



### 适用范围

适用于汽车座椅、汽车内饰、航空座椅、箱包、家具等各种类型及不同厚度的真皮、超纤皮革的冲孔+绣花+缝纫工艺。

### 机器特点

- 集成冲孔、绣花、缝纫功能于一体，花型任意设计，轻松实现冲、绣、缝任意搭配的复杂工艺。
- 采用15寸触摸屏中控屏，友好的人机界面，操作方便。
- 针对皮革类材料专门研制开发的冲孔机头，冲孔刀选用：圆孔、正方形孔、长方形孔、菱形孔、椭圆形孔等异形孔（孔径范围0.8mm-10mm）。
- 9色绣花机头，满足不同领域的绣作需求。
- 绣花夹线机构采用新式面线夹持机构，降低断线掉线率。
- 针对皮革材料专门研制开发的缝纫机头，缝制线迹美观，压脚可通过电机控制高度，可调节范围大。
- 缝纫机头可升降50mm，上料空间充足，便于操作。
- 缝制机头采用任意转结构，缝制线迹美观，减少移框频次，提升效率。
- 具备面线断线检测、底线计数、裁片计数功能。
- 针杆及相关零件采用DLC涂层处理，耐磨损且延长使用寿命。
- 针对冲绣缝工艺特性研制的机架，结构稳固确保冲孔绣作缝制精度。
- 专门开发的工装夹具，方便装卸，便于更换材料。
- **选配：**专业制版软件，再登高智能冲绣缝CAD系统。
- **选配：**可搭载智能物联网系统，支持远程实时监控与云端数据管理，实现设备状态、生产参数的可视化；自动记录与分析生产数据，助力企业优化生产效率，打造数字化生产管控体系。

### Application

Suitable for punching + embroidering + sewing processes for various types and thicknesses of genuine leather and microfiber leather used in automotive seats, car interiors, aviation seats, luggage and furniture, etc.

### Features

- Integrates punching, embroidery, and sewing into one machine, allowing for arbitrary pattern design and seamless combinations of punching, embroidery, and sewing for complex processes.
- Equipped with a 15-inch touchscreen central control panel with a user-friendly interface for easy operation.
- Specially developed punching machine head for leather materials, supporting various punching shapes, including round, square, rectangular, diamond-shaped, and oval holes (hole diameter range: 0.8 mm - 10 mm).
- The 9-color embroidery head meet the embroidery needs of various industries.
- The embroidery thread clamping mechanism adopts a new type of upper thread clamping mechanism, reducing the rate of thread breakage and thread dropping.
- Specially designed sewing machine head for leather materials, producing beautiful stitching. The presser foot height is motor controlled with a wide adjustment range.
- Sewing machine head has up & down moving stroke of 50 mm, providing ample space for material loading and ease of operation.
- Sewing machine head features an "arbitrary rotation" structure, creating beautiful stitching, reducing frame movement frequency, and improving efficiency.
- Includes functions such as upper thread breakage detection, bottom thread counting, and fabric piece counting.
- Needle bar and related parts are treated with DLC coating, offering wear resistance and extending service life.
- The machine frame is specifically designed for punching, embroidery, and sewing processes, ensuring structural stability and maintaining high precision.
- Specially developed fixtures make material loading and unloading easy, simplifying material replacement.
- **【Optional】** Professional pattern-making software, the GetonAgain Intelligent Punching + Embroidery + Sewing CAD System.
- **【Optional】** Can be equipped with an intelligent IoT system, supporting remote real-time monitoring and cloud-based data management, enabling visualization of equipment status and production parameters. Automatically records and analyzes production data, helping enterprises optimize production efficiency and build a digital production control system.

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### 推荐型号 Model

型号 Model	占地面积 Machine Size (L×W×H)
GOACE-L-SP+E+S-1-1200×800-B-SP6+F9+IS2-VR1,HR2.6-LH50,RH360,AO-3P380	5520mm×3160mm×1765mm
GOACE-L-SP+E+S-1-900×600-B-SP6+F9+IS2-VR1,HR2.6-LH50,RH360,AO-3P380	4920mm×2760mm×1765mm

### 主要参数 Parameters

绣花速度: Embroidery Speed:	最高1000针/分钟 1000holes/min.	缝纫速度: Sewing Speed:	800-1000针/分钟 800-1000holes/min.
冲孔速度: Punching Speed:	800-1000孔/分钟 800-1000holes/min.	缝纫适用针: Sewing Needle:	18#, 21#, 23#
绣花适用针: Embroidery Needle:	9# 11# 14#	针迹步长: Stitch Length:	0.1-12.7mm
夹料方式: Material Fixing:	夹皮革绣框夹料 Material Clamping Method: Leather embroidery frame material clamping	缝纫机头升降行程: Sewing Head Lifting Stroke:	50mm
缝纫梭芯: 皮革专用2.6倍大梭芯 Sewing Bobbin : Leather-specific 2.6 times larger bobbin.		缝纫梭芯直径: Sewing Bobbin Diameter:	31.8mm
供油: Oil Supply :	自动供油 Automatic oil supply	气压: Air Pressure :	0.6MPa
		电源: Power Supply:	3P 380V

### 主要配置 Machine Configuration



高清触摸屏  
High-Definition Touch Screen



专用冲孔、绣作、缝制机头  
Specialized Punching, Embroidery and Sewing Heads



专用2.6倍旋梭  
Specialized 2.6x Rotary Hook



专用工装  
Specialized Fixtures

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