



全自动超声波绗缝机

Automatic Ultrasonic Quilting Machine



机器特点

- 集超声波缝合和超声波封边切割自动化于一体，一次完成。
- 最新转换器交错式设计，超声波压花无缝隙、褶皱。
- 根据需求更换花辊即可制作出不同的花型。
- 采用1.5KW, 18KHz频率超声波发生器，数字化机箱，声波强大，焊接效果好。
- 边切装置可以手动调整位置，方便进行布料的裁切。
- 最高速度可达9米/分钟。（与辅料材质及厚度有关）
- 两边自动拉废料装置，方便废料收集处理。
- 生产效率高，是针线绗缝机效率的3-5倍。
- 绗缝完成后可以与裁切机相连将布料切成段，也可以与自动收料装置相连，卷成布卷。
- 超声波机箱使用独立机柜，方便调整超声波发生器。

设备应用

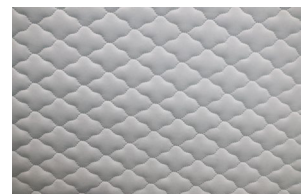
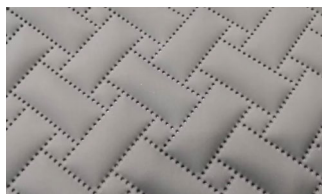
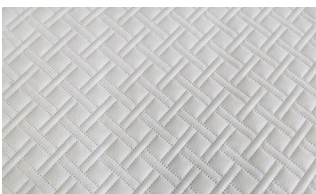
超声波绗缝机是对各类化纤织物、无纺布、喷胶棉、人造革等多层面料进行粘合、压花，花型清晰美观且面料不变形，粘合度牢固，生产效率高。生产幅宽可选1.2米-3.2米，可根据客户不同的花型需求定制花棍。

Features

- Integrating ultrasonic sewing and ultrasonic edge sealing and cutting automation into one, completing the process in a single step.
- The latest structure design with interleaved transducers ensures embossing seamless & non-wrinkles.
- Different pattern designs can be done just by replacing the pattern roller.
- Utilizing a 1.5KW, 18KHz frequency ultrasonic generator with a digital chassis, the system delivers powerful sound waves and excellent welding results.
- Edge cutter position can be adjusted manually, for different cutting requirement.
- Max. working speed: 9m/min. (Relevant to Material and welding thickness.)
- Automatic scrap collection device on both sides, convenient for further treatment.
- High production efficiency, 3-5 times output of stitching machine.
- After quilting, it can be connected with cutting machine to the finished product, or connected with rewinding device to the fabric rolls.
- The ultrasonic chassis is housed in an independent cabinet, facilitating easy adjustment of the ultrasonic generator.

Equipment Application

Ultrasonic quilting machine, to bond multi-layer of polyester fabric, non-woven fabric, polyester wadding, or artificial leather, etc., and emboss different patterns on it. Patterns are clear and beautiful, and fabric doesn't deform, with strong bonding and high efficiency. Quilting width is from 1.2m to 3.2m, and different designs can be done on different pattern rollers.



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全自动超声波绗缝机

Automatic Ultrasonic Quilting Machine

推荐型号 Model

注：尺寸包含裁切机部分 / Attention: Dimensions include cutter.

超声波绗缝机推荐型号 Model of Ultrasonic Quilting Machine	最大面料幅宽 Max. Fabric Width	主机重量 Weight	主机尺寸 Machine Size (L×W×H)
GOA-QC-NM-U-12-2300-UB-NA-3P380	2300mm	2500kg	5500x4500x2000mm
GOA-QC-NM-U-13-2600-UB-NA-3P380	2600mm	2800kg	5500x4800x2000mm
GOA-QC-NM-U-15-2900-UB-NA-3P380	2900mm	3100kg	5500x5100x2000mm

主要配置 Machine configuration



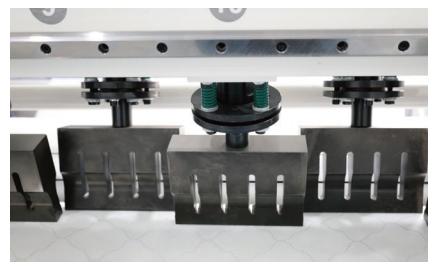
智能纠偏料架
Intelligent Material Alignment Rack



超声波机柜
Ultrasonic Cabinet



废料导出装置
Waste Material Discharge Unit



超声波焊接区
Ultrasonic Bonding Zone



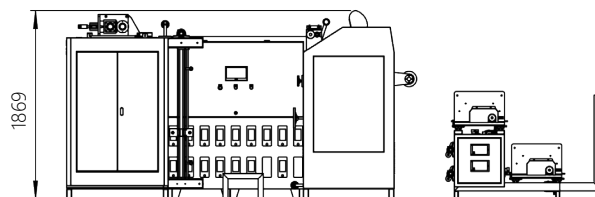
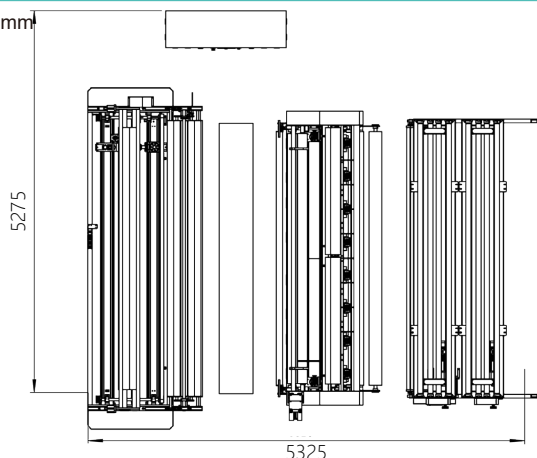
边切&压花
Edge Cutting & Embossing



开幅展平辊
Material Opening and Flattening Rollers

设备摆放示意图

单位/Unit: mm



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