

LM₄SD-80×2200×3000

铝门窗数控四头组角机

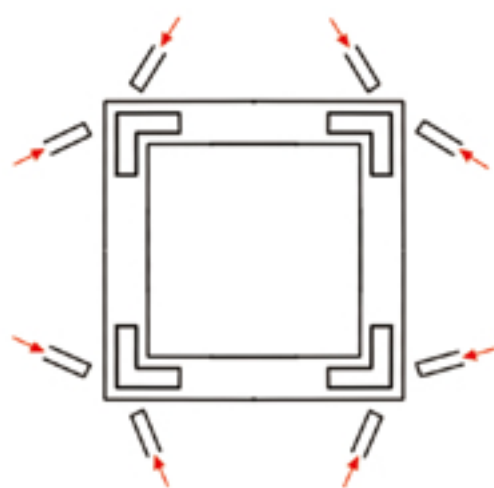
Four Head Corner Crimping Machine CNC for Aluminum Door and Window

[性能特点]

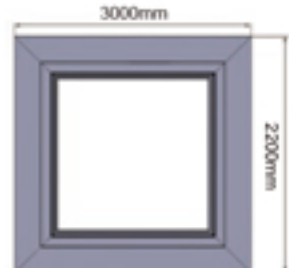
- 该机用于铝门窗高效组装，可一次完成四个角的角码式冲铆连接。
- 采用欧洲高品质数控系统，兼顾了速度与精度。
- 通过伺服系统的力矩监控功能，实现四角自动预紧，高精度直线导轨副，确保了组角质量。
- 竖向压紧装置可自动实现水平伸出与退回，移动行程可调整，且调整范围大，调整方便，以满足各种窗体的竖向压紧。
- 组角刀可在30~80范围内进行左右调整，且在此范围内都可实现450×450最小窗体尺寸的加工。
- 组角刀左右调整到位后采用工作台上平面紧固方式，锁紧方式便捷，锁紧牢固可靠。
- 可通过销孔连接方式固定组角油缸与工作台的相对位置，无需调整组角刀的高低与左右，根据型材定制相应的组角刀具实现客户的组角要求。
- 四机头均设有可伸缩大行程辅助外定位装置，方便可靠的进行扇料组角。
- 八个后靠板均可安装专用靠板，满足扇料的加工精度。
- 超长的内定位油缸行程，更加便于安装了专用靠板进行加工的扇料窗体的取放。
- 一次性组框可对型材间的接缝及平面度进行控制，使组框质量具有可预见性。
- 控制系统与伺服系统实现无缝联接，大大提高控制精度。
- 液压系统可实现组角过程的高低压自动转换，确保组角精度。
- 选用大屏幕触控一体机，操作软件直观明了，界面友好，可中英文切换。
- 定位组角系统专利技术：ZL. 02269408. 0 ZL. 02269407. 2

[Product Features]

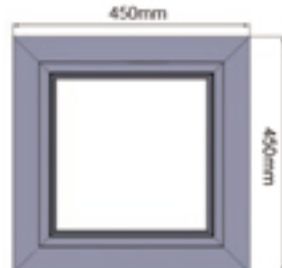
- This is a new type four-head corner crimping CNC machine. Used for high-efficiency angle type corner crimping.
- The CNC system is imported from Europe, Germany, with high quality ensures the working speed and accuracy.
- The Torque monitor function of the service system can auto-press the four corners, ensuring the processing accuracy.
- Air clumper can realize auto out and back horizontally. Easy to adjust shift motion, large motion range. It can meet pressing requirements of all kinds of window and door type. To ensure the flatness before corner crimping.
- Adjust corner cutter to left and right between 30—80. Within this range can process min 450 × 450 frame.
- Using upper fastening mode after adjusted corner cutter. Lock convenient and reliable.
- Through pin hole connection to fasten oil cylinder and worktable. No need to adjust cutter. The cutter can be customized according to profile.
- It equipped a retractable and auxiliary positioning device on each machine head.
- Convenient and reliable to work.
- Special backup plate can be installed at eight positioning blocks to ensure corner crimping accuracy.
- It is more convenient to load and unload profile due to adopt lone motion of inner positioning oil cylinder.
- One time corner crimping can control the seam and plane, make the quality foresight.
- The control system service system make the connect no-seam and improve the control accuracy.
- Hydraulic system to realize high and low pressure automatic exchange in the process of corner crimping, ensuring the processing accuracy.
- It adopts large screen touch control integrative machine, easy operation and friendly interface. Language---English / Chinese
- Positioning corner crimping technology: ZL. 02269408. 0 ZL. 02269407. 2



组框最大尺寸
Max. from dimension



组框最小尺寸
Min. from dimension



④ 技术参数 Technical Parameters

电源	Voltage	380V 50Hz
额定功率	Rating power	7.5kW
额定油压	Rating oil pressure	15Mpa
气源工作压力	Air consumption pressure	0.5-0.8 Mpa
耗气量	Air consumption	0.8 L once
油箱容量	Capability of oil box	60L
组框最大框尺寸	Max frame dimension	2200 mm × 3000 mm
组框最小框尺寸	Min frame dimension	450 mm × 450 mm
适应型材宽度	Profile width	93mm
成型窗对角线长度尺寸误差	Cater-corner error of finished windows	≤1mm
对接缝隙误差	Connection seam error	≤0.15mm
外形尺寸	Contour dimension(L × W × H)	5000 × 2200 × 2700mm
重量	Weight	3000Kg