

AUTO SUPPORT BAR INSTALLATION MACHINE

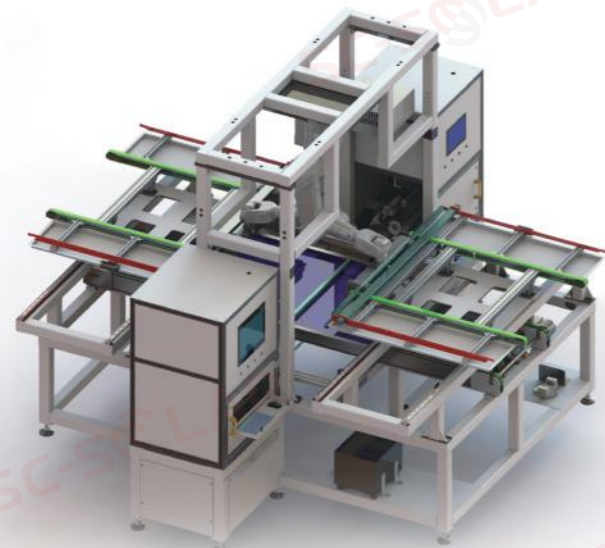
背筋自动安装机

功能描述

- 整体结构由组件归正输送单元、背筋定位机构、自动打螺丝系统等组成。
- 螺丝机伺服驱动，自动切换；组件可同进同出，加快工作节拍。
- 相机拍照定位螺丝钉位置，机械手放置背筋，精准定位安装孔位置。
- 采用触摸屏界面，可进行切换组件规格、手动操作、报警信息等参数设置。
- 具备螺钉出料检测、螺钉滑牙检测和螺钉浮锁检测功能。

Features

- The overall structure is composed of a module alignment conveying unit, a support bar positioning mechanism, an automatic screwing system, etc.
- The screw machine is driven by servo, automatic switching; to ensure that the modules can be in and out at the same time, improving cycle time.
- The camera takes a picture to locate the screw position, and the manipulator places the support bars and aligns the position of the mounting hole.
- Touch screen interface, switch module specifications, manual operation, alarm information and other parameter settings.
- With screw discharge detection, screw sliding detection, screw floating lock detection.



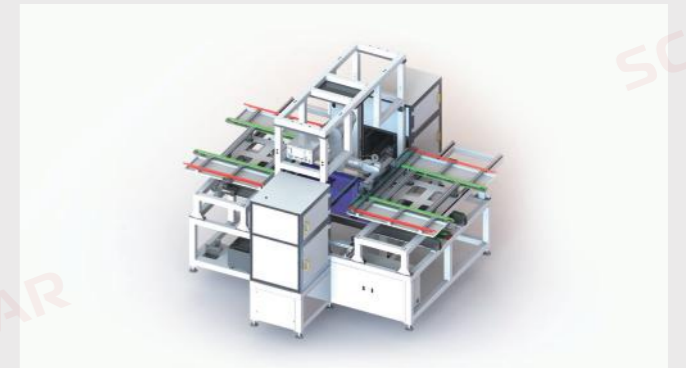
设备技术性能

组件定位精度±1mm，定位归正无震动
 扭力要求：11.5±1.5Kgf.cm (ST3.5*32mm)
 可兼容双背筋组件
 可不停机补充螺钉



Functionality

Module positioning accuracy: ±1mm
 Torque requirements: 11.5±1.5Kgf.cm(ST3.5*32mm)
 Compatible with double support bar modules
 Replenish screw without stop



技术参数 Specifications

项目 Item	数值 Value
适用版型 Compatible module size	长 length: 1650-2550(mm); 宽 width: 980-1450(mm)
节拍 Cycle time	≤18s
工作气压 Air pressure	0.5-0.7(MPa)
耗气量 Air consumption	400L/min
功率 Power	5kW
外形尺寸 Dimension(L×W×H)	3100*3750*1900(mm)
重量 Weight	2000kg