

# ISOLATED SHEET PLACE MACHINE

## 绝缘小块放置机

### 功能描述

- 兼容多种规格组件尺寸，伺服归正系统换型方便快捷。
- 小块现切现冲配合供料缓存皮带可以实现不停机换料。
- 视觉系统检测小块和引线状态，计算偏移量，由四轴机械手进行摆放。
- 可实现自动贴汇流条条码功能，并依靠视觉对贴付效果进行检测与反馈。

### Features

- Compatibility with multiple module sizes, and a fast swap servo alignment system.
- Insulation block cutting combined with punching function with a feeding buffer conveyor makes possible material replacement non stop.
- The visual system detects the status of small blocks and ribbons by calculating the offset value, and arranges them using a four axis robotic arm.
- Auto barcode labelling function with visual system for checking how the barcode is well attached.



### 设备技术性能

小块裁切精度:  $\pm 1\text{mm}$   
 冲孔精度:  $\pm 0.5\text{mm}$   
 节拍:  $< 14\text{s}$   
 噪音:  $< 70\text{dB}$   
 标签材质: 兼容PER、合成纸、PE、PVC、PP等材质  
 条码尺寸: 长 40-60(mm); 宽 6-12(mm)  
 条码检测: 条码打印完成具有检测打印清晰度、校对条码一致性汇流条条码粘贴完成后, 检测是否贴歪及破损



### Functionality

Sheet cutting accuracy:  $\pm 1\text{mm}$   
 Punching accuracy:  $\pm 0.5\text{mm}$   
 Cycle time:  $< 14\text{s}$   
 Noise:  $< 70\text{dB}$   
 Label material: compatible with materials such as PER, synthetic paper, PE, PVC, PP, etc  
 Barcode size: length 40-60(mm); Width 6-12(mm)  
 Barcode detection: Check if the barcode is clearly printed and its consistency with incoming glass barcode. After the busbar code is printed, detect whether the barcode is crooked or damaged



### 技术参数 Specifications

项目 Item	数值 Value
适用版型 Compatible module size	宽 width: 990-1450(mm); 长 length: 1640-2550(mm)
电源 Power requirement	AC380V $\pm 5\%$ , 3P+1N+1PE, 16A, 50/60Hz
功率 Power	5kW
工作气压 Air pressure	0.5-0.7(MPa)
外形尺寸 Dimension(L×W×H)	4200*2200*2100(mm)
重量 Weight	约2500kg