

## Automatic core stacking robot

### Application

It's used for transformer core stacking, sheets with or without hole is available.

Suitable for step-lap lamination.

### Machine Features

- ◇ Omron motion control technology and SMC vacuum grab technology.
- ◇ High efficiency, low noise.
- ◇ Vision sensor system, automatic alarming and emergency stop.
- ◇ With auto width adjusting system for different sheet width.
- ◇ Rapid sheet positioning and grabbing.
- ◇ Stacking efficiency is improved by simultaneous stacking of yoke, center, limb.
- ◇ Remote control system



### Technical description

16 axis servo control system + SDRI lamination control software

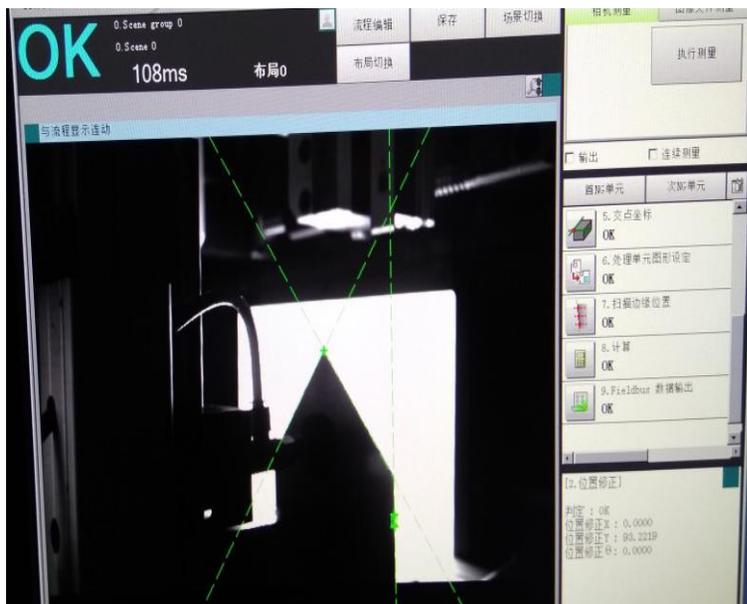


16 axis servo control system



CNC interface

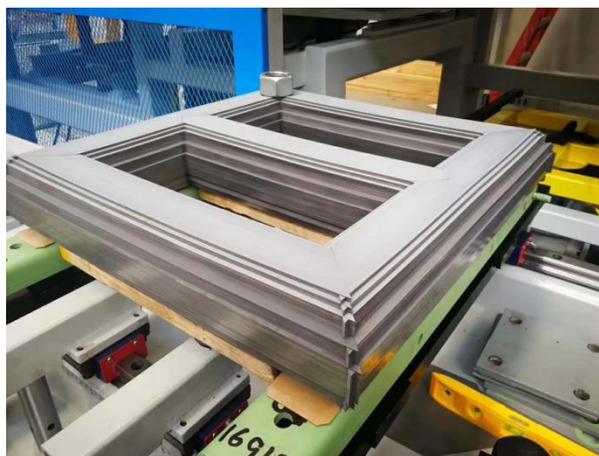
# SDRI 信源



Vision sensor system, automatic alarming and emergency stop.



- ◇ Visual system, automatic lubrication
- ◇ Online detection, video monitoring
- ◇ Laser positioning, auto grabbing
- ◇ Safety protection



## 技术参数/Technical parameter

No.	Items	Parameter
1	Tolerance at the same length level	$\leq 0.5\text{mm}$
2	Tolerance at the same width level	$\leq 0.5\text{mm}$
3	Thickness	0.18- 0.35mm
4	Side limb length	320 ~ 800mm
5	Yoke Length	420 ~ 800mm
6	Max. Core dimension	820x820x250mm

