

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

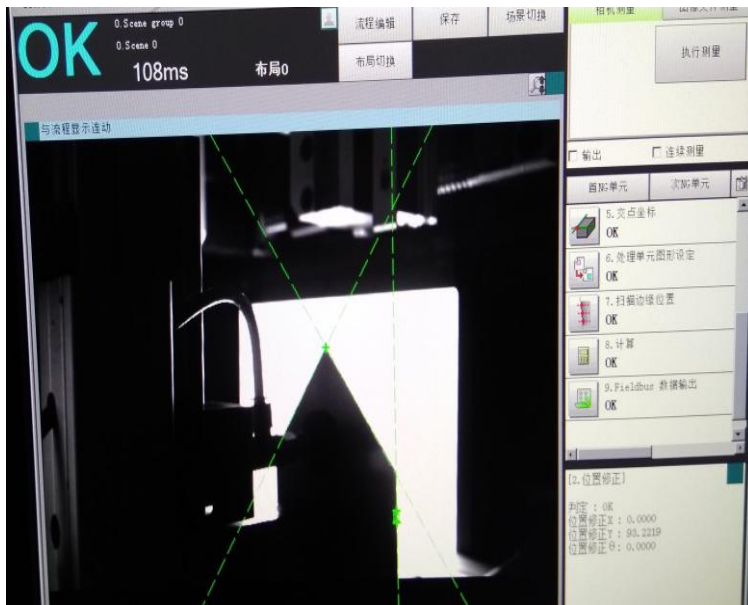
16 axis servo control system + SDRI lamination control software



16 axis servo
control system



CNC interface



Vision sensor system,
automatic alarming and
emergency stop.

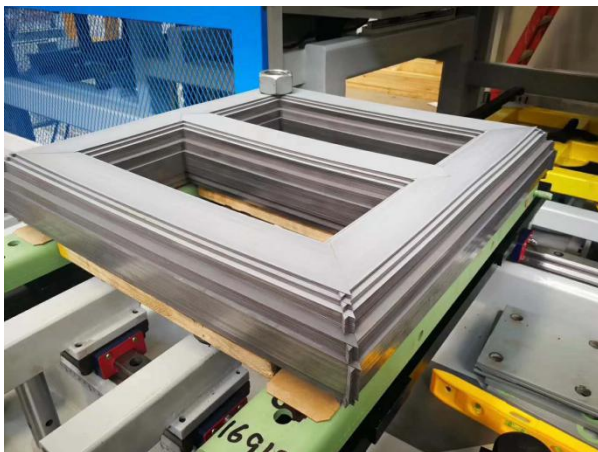


✧ Visual system, automatic lubrication

✧ 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

