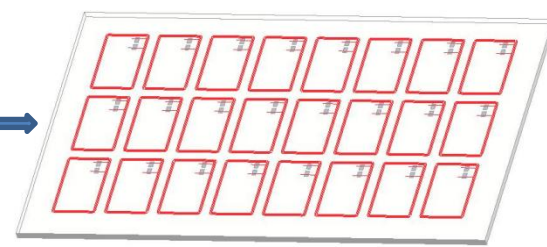
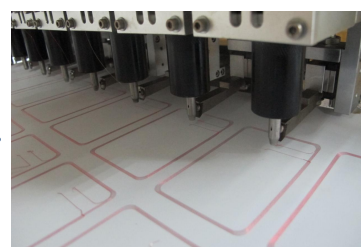
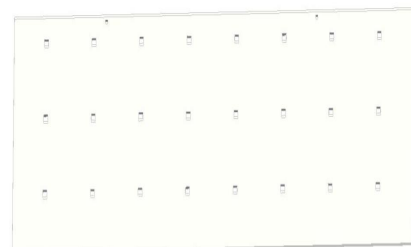




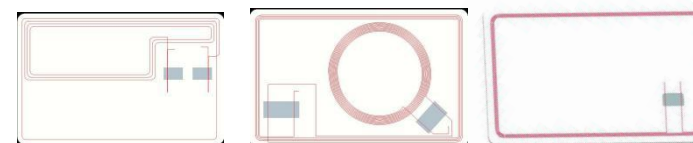
Antenna Embedding Machine LUK-AEM216

AEM216 is designed for embedding or implanting the copper wire onto INLAY middle sheet as per the designed track with advanced ultrasonic technology.



FEATURES

- User friendly IPC control for easy operation
- Advanced ultrasonic wire embedding technology for good embedding result and high efficiency.
- 16 Embedding heads can be optional.
- 2 working stations/embedding group can be optional.
Each embedding group can work alone or together with good flexibility and easy to choose.
- Precise position locating controlled by servo system
Mitsubishi 3-axis servo control and MOXA motion control system are applied in the control system to ensure high position precision.
- The antenna shape and size can be easily designed in
AUTOCAD software and pre-set in professional PC drawing software



- The size of working station can be customized for various sheet layout (3×8/4×8/5×5/5×12) embedded in the same machine.
- CE completed safety guards

TECHNICAL DATA

Control Method	IPC control+ 3-axis servo system
Applicable Material	0.1-0.15mm copper wire; 0.2-0.40mm PVC, ABS,PETG,etc. sheet material
Embedding Heads	Upto 16 heads (two groups)
Working Stations	1-2, station size can be customized for various sheet layout (3×8/4×8/5×5/5×12)
Air Pressure	6kg/cm ²
Servo Index Accuracy	±0.015mm
Power supply	220V,50-60Hz, 4kw
Output	2500-4500 pcs /h
Gross Weight	1500kg
Dimensions	L1750×W1150×H1600mm



INTRODUCTION

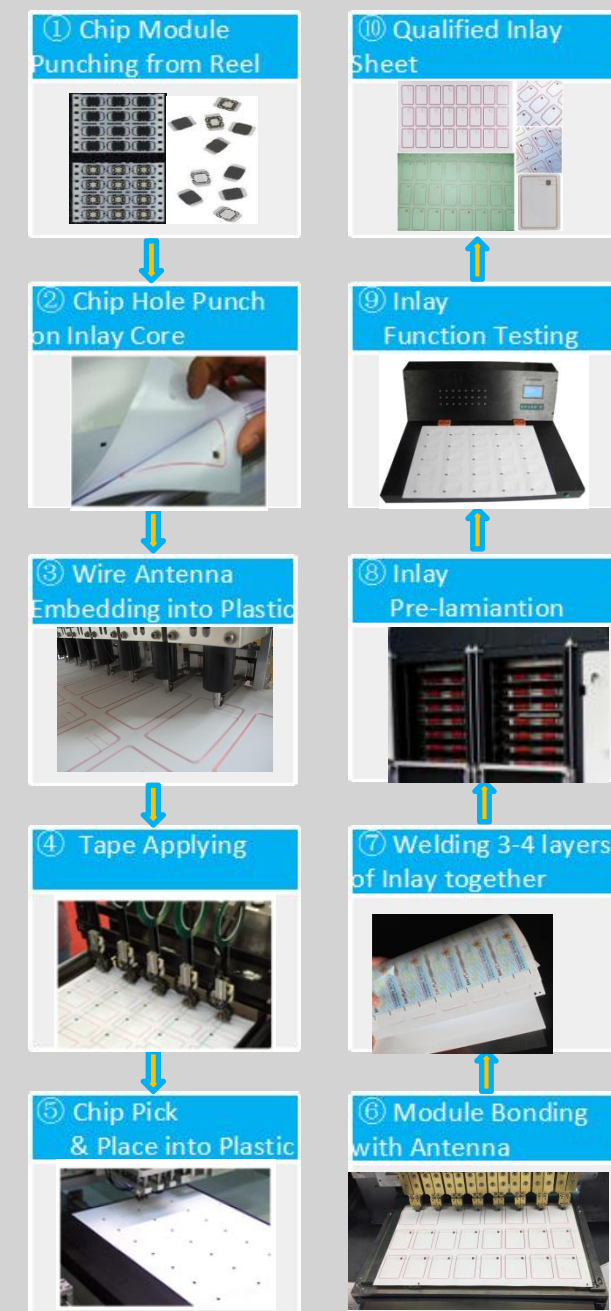
AEM216 is designed to embed copper wires onto inlay middle sheet with ultrasonic embedding technology.

This machine is available to wind inlay coils onto different sheets with different layout specifications of the antenna layer and various shapes .The antenna shape and size can be easily designed in AUTOCAD software.

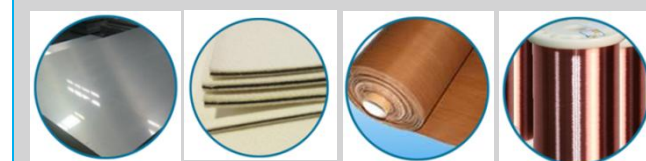
Embedding heads can be upto 16 and working stations can be up to 2 on-line as per different layout for higher productivity.Embedded antenna has uniform line spacing with smooth & accurate performance.

With advantages of stable mechanical operation, easy debugging and easy maintenance,this machine has been widely used in Generation ID card and residence card manufacturing process.

HOW TO MAKE INLAY SHEET?



Card Consumables for Making Inlay:



Steel Plates Pads Teflon Cloth Copper Wire