

Automatic 3D Curved Antenna Embedding Machine

Model: AEM3D-60

Purpose:

Embedding the resistance wire on the PVC material.

Advantages:

1. PLC automatic control the one-button start wire embedding.
2. Collecting robot speed, coordinate/material code/tension value and other information on the display screen through PLC and monitoring.
3. Using high-precision robot for operation, it can embed wire on plane, curved surface and spherical surface.



Features:

1. Honeycomb design of the membrane, real-time monitoring of suction to ensure that the product adheres to the membrane.
2. The device support one-button start and is equipped with a safety light grid protection to ensure the safety of the operator.
3. The equipment adopts advanced ultrasonic wire embedding, program controlled automatic operation, stable and reliable.
4. The equipment has a scanning function to prevent mixing materials.
5. The equipment integrates wire broken detection and tension detection functions, which can monitor the real-time operation of the equipment and immediately stop the machine if there is a wire breakage.
6. The device can connect the internet remotely for diagnosis and maintain remotely.

Specifications:

Item	Details	Item	Details
Dimension	L1700×W1920×H2300 mm	Weight	800Kg
Power	AC 220V,50/60 Hz	Power rate	1.5KW
Air Pressure	0.6Mpa	Robot accuracy	±0.02mm
Applicable Material	PVC,ABS etc.	Speed	60s/unit (relating to antenna length and craft)
Environment	indoor temperature 22℃,±3℃ dry and dust-free		

Notes: above specification is subject to change without prior notice due to continuous improvement.