

Aviation Terminal Crimping Machine

RSM-ACM-036



Feature

- ▶ Customized for single ferrule cold-pressed terminals, processing wires with 0.3~6.0 mm² cross-sectional area.
- ▶ Auto-start on wire feed, all-in-one stripping/twisting/insertion/crimping; no loose strands, stable conductivity.
- ▶ Vibratory bowl feeding, compatible with multiple terminals for steady feeding.
- ▶ Servo crimp & twist, motor stripping, electric clamp; hybrid pneumatic-electric drive, high precision & consistent crimping.
- ▶ Dual trigger modes (wire sensor + foot pedal) with foolproof design to avoid misoperation.
- ▶ Real-time terminal detection, auto alarm for shortage to prevent empty crimping defects.
- ▶ Fully enclosed housing with viewing window for easy inspection & maintenance.
- ▶ HMI touch control, electrically adjustable wire insertion depth, one-click save and recall of process parameters.

Specification

Model	RSM-ACM-036
Applicable Wires	BVR, RV, 0.3/0.5/0.75/1.0/1.5/2.5/4.0/6.0mm ² , customizable per workpiece.
Terminals	0.3~6.0mm ² , insulator ≤11mm, stripped conductor ≤20mm
Stripping length	5.1~30 mm(rotary or parallel stripping available)
Control Mode	7-inch HMI, electronic & pneumatic control
Production Rate	3.2 sec per wire (single machine cycle)
Operation Mode	Auto start upon wire feeding, foot pedal & manual operation optional
Power Supply	Input: Single-phase AC220V/50Hz, 10A; Internal power: DC24V, DC30V, AC30V; AC110V input customizable
Working Air Pressure	0.5~0.6 Mpa. Stable, clean and dry air supply required.
Operating Ambient Temperature	0 ~ 35°C (ambient temperature for machine operation)
Terminal Feeding	Vibratory bowl feeder, compatible via simple adjustment
Crimp Profile	Crimp profile: 4-point crimp, custom crimp points available
Crimping Capacity	1.5T (servo crimping, crimp height adjustable)
Power	1500W
Weight	62KG
Dimensions	473mmX285mmX413mm