

Semi-automatic double riveting pressure waterproof plug stripping and tying machine

TR-F503

- ✓ Increased productivity
- ✓ Data can be edited and saved
- ✓ Functions can be run independently



Craftsmanship

Creating high quality machines



Strength
manufacturers



No worries
after the sale



Support for
customisation



technical
guidance



durable



excellent
quality

Processing sample display

This machine adopts servo rotation, guide rail screw positioning, and simultaneously realises the three processes of plug threading, peeling and crimping.



Areas of application

Can be non-standard customised all kinds of wire harness processing equipment



home
appliances



car



airlines



communication



new energy

Product Parameter

Equipment name	TR-F503 Semi-automatic double riveting pressure waterproof plug stripping and tying machine		
Capability	800-900 pcs/hour		
Working capacity	0.2mm ² -2.5mm ² (3.0mm ² and above optional)		
Cut precision	±0.02mm	Stripping length	0-10mm
Crimp capacity	Pressing - F-side: 3T	Stroke	30mm (40mm可选)
Single cycle	4-4.5seconds	Waterproofplug	≤φ10*10
Control method)	Servo crimping	Weight	350KG
Power、Compressed air	AC200V/50HZ、0.5-0.7Mpa		
External dimensions	L1100mm*W920mm*H1600mm		

Equipment Configuration



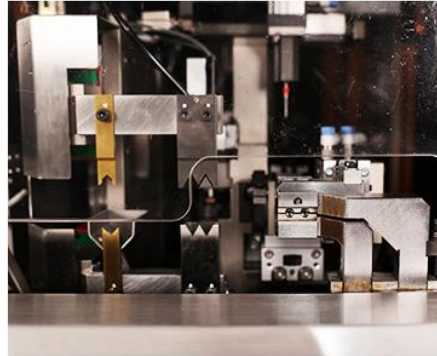
Main components	brand name	quantities
Servo motor 750W (with reducer)	Japan Mitsubishi	1
Servo motor 200W	Mitsubishi Japan	1
Servo motor 100W	Japan Mitsubishi	2
Linear guide	Taiwan Shangyin	4
Linear guideway	Japan THK	1
Screw	Taiwan TBI	3
Solenoid valve	Germany FESTO	several
Cylinder	Japan SMC	several
Motion controller PLC	Japan Panasonic	1
Touch screen	Taiwan Wyland	1
Air storage tank	Rui-Lin	1
Fibre optic detection	Japan Panasonic	3
Flat feed type loading mechanism	Rui-Lin	1

Equipment features

1. Stripping length can be data adjustable;
2. Threading waterproof plug depth, according to the peeling mouth and waterproof plug between the stay glue position data adjustable;
3. Strike end wrapping depth, according to the top line position can also achieve data adjustable;
4. Terminal machine adopts high efficiency servo motor drive, high speed stamping, stable pressure;
5. Stripping slide adopts screw drive to ensure accurate stripping length;
6. The cutting mechanism adopts motor plus screw drive to ensure accurate peeling length;
7. Waterproof plug feeding structure, simple and easy to change, to meet the customer's requirements of more products and more types;
8. The machine is easy to operate, stable quality, and concentrated work station.



Product Details



waterproof plug device

This machine adopts servo rotation, guide rail screw positioning, and simultaneously realises three processes of threading plug, peeling and crimping.



computer touch screen

Central computer control, can store data, running interface is simple, convenient debugging operation



Upper and lower circular knife design

Servo motor control knife set, cutter cut flat core wire, to ensure that the length of the core wire is the same, the upper and lower round knife design, more suitable for sheath wire stripping, cut flat and accurate, to protect the core of the wire.



Pressure testing

The machine is equipped with imported brand pressure detection, eliminating defective products and improving product qualification rate.



Servo motor & PLC controller

Adopting imported servo motor, from plug threading, stripping, crimping are all controlled by servo motor, high precision, long life, stable operation. Advanced PLC system, according to customer requirements to expand the port, such as visual inspection, core wire detection, etc.

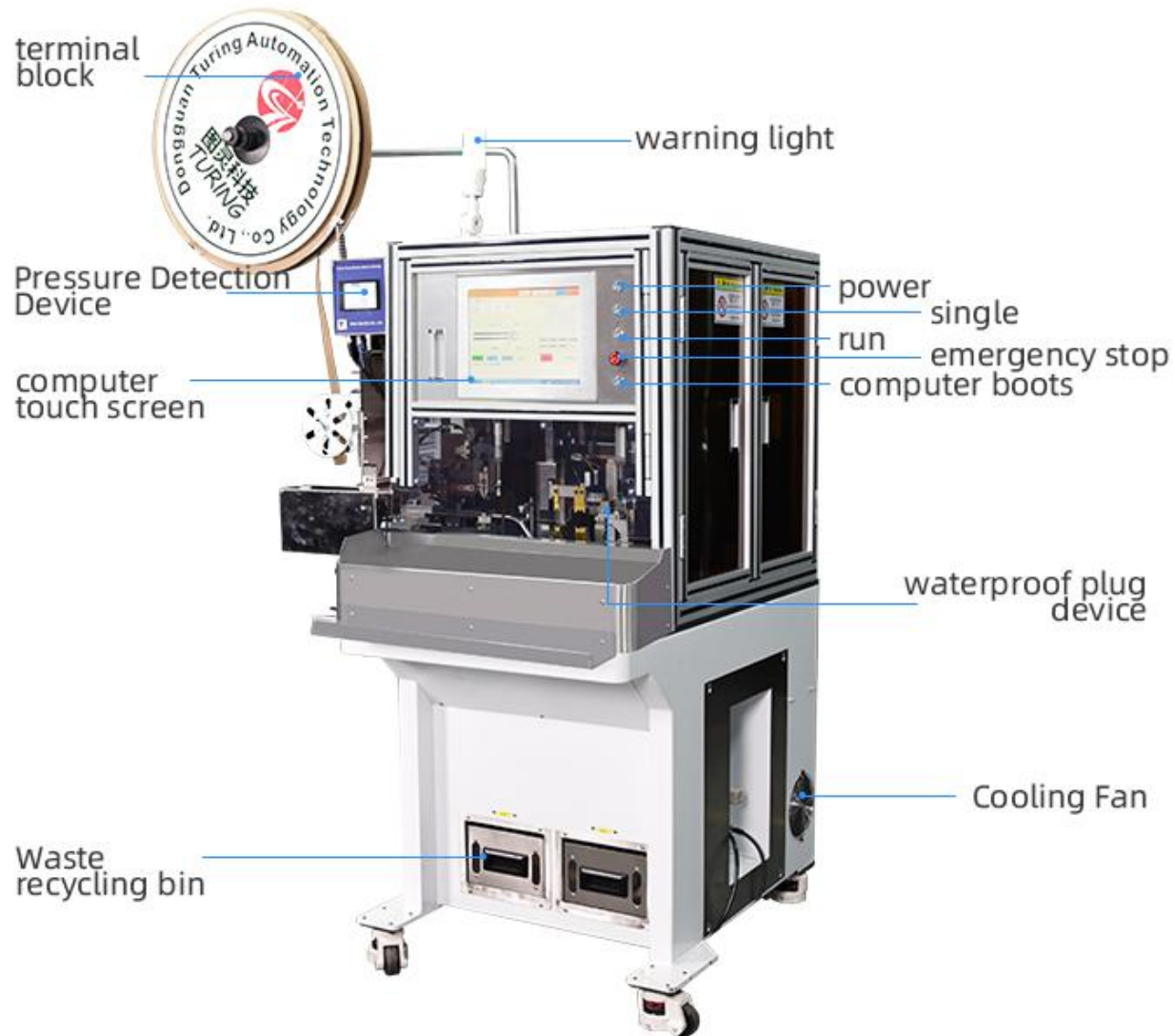


Waste recycling bin

Recycling of rubber and terminal waste. Convenient for cleaning.



Product Structure Diagram



Product Display

