



Fully Automatic Crimping Machine (Both Sides)

RSA-FC-550



Feature

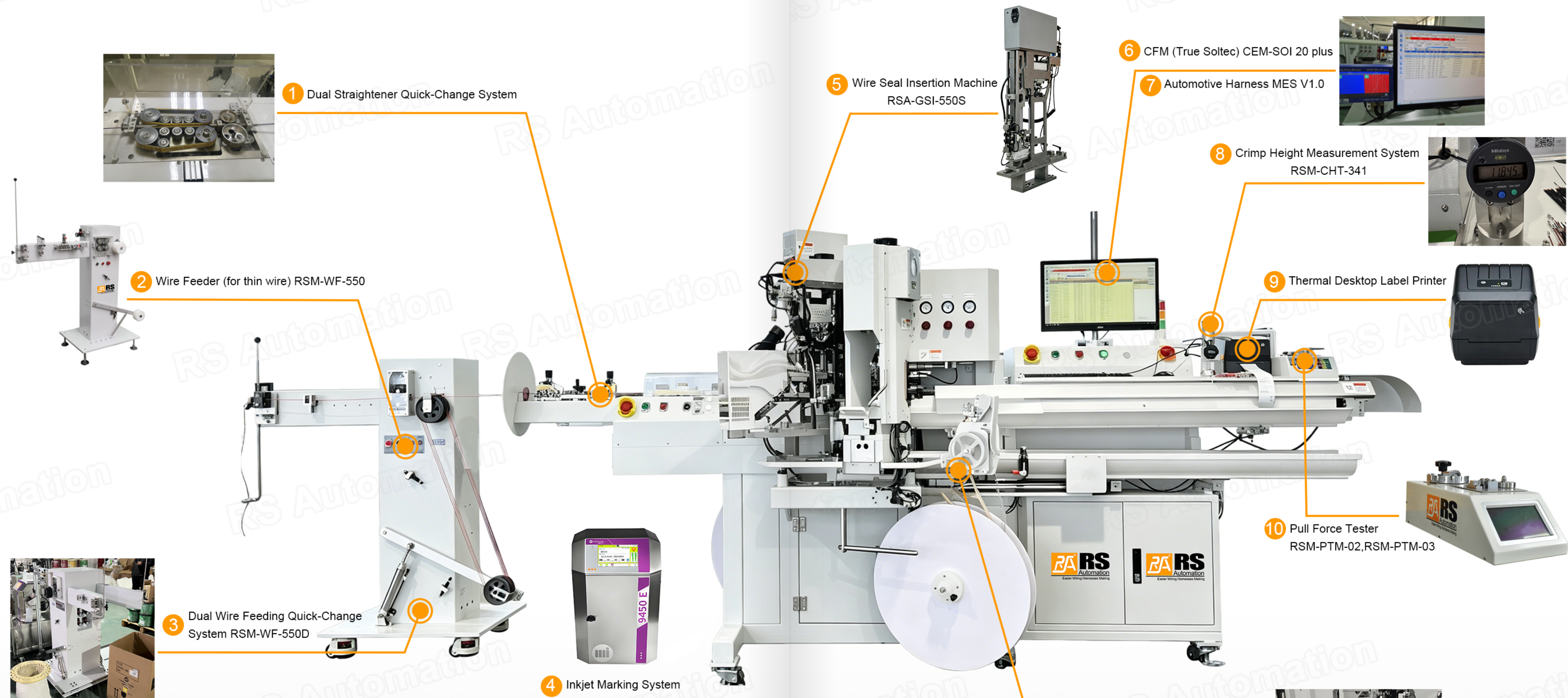
- ▶ High accuracy. Adopt servo motors to guarantee accurate position of cable feeding, stripping and crimping.
- ▶ High processing efficiency with 4380pcs (1000mm wire) per hour.
- ▶ User-friendly. Cutting length, stripping length, cut depth and crimping position are adjustable on HMI.
- ▶ MES system is available, real-time uploading, making it easy to record and troubleshoot.
- ▶ CFM/A, CCD visual detection and other devices are optional as listed below. High accuracy. Adopt servo motors to guarantee accurate position of cable feeding, stripping and crimping
- ▶ High processing efficiency with 4380pcs (1000mm wire) per hour.
- ▶ User-friendly. Cutting length, stripping length, cut depth and crimping position are adjustable on HMI.
- ▶ MES system is available, real-time uploading, making it easy to record and troubleshoot.
- ▶ CFM/A, CCD visual detection and other devices are optional as listed below.



Specification

Model	RSA-FC-550
Functions	Fixed length wire cutting, stripping(both ends), wire seal insertion(optional), crimping(both ends), inkjet marking(optional), finished product collector
Work Stations	4 units
Wire O.D. For Stripping	0.3-5.0mm ²
Wire O.D. For Stripping	0.3-2.5mm ²
Cutting Length	60mm-99,000mm
Stripping Length	1-18mm
Crimping Force	2Ton/4Ton
Crimping Stroke	30/40mm
Accuracy	±(0.2+0.002*L)
Feeding Speed	Max.13m/s
Productivity	4380pcs/h (Both sides crimping for 1000mm length wire)
Power	2200W
Voltage	AC220V 50HZ (single phase)
Air Source	0.6-0.8MPa (Max. air consumption: 5.5 m ³ /h)
Dimension	L7000mm×W1450mm×H1450mm (with 2-meter wire collector)

Optional Auxiliary Units



- | | |
|--|--|
| 1. Dual Straightener Quick-Change System | 2. Wire Feeder (for thin wire) RSM-WF-550 |
| 3. Dual Wire Feeding Quick-Change System | 4. Inkjet Marking System |
| 5. Wire Seal Insertion Machine RSA-GSI-550S | 6. CFM/CFA, Crimping Force Monitoring (OES, True Soltec) CEM-SOI 20 plus |
| 7. Automotive Wire Harness MES Production Management System V1.0 | 8. Crimp Height Measurement System RSM-CHT-341 |
| 9. Thermal Desktop Label Printer | 10. Pull Force Tester RSM-PTM-02, RSM-PTM-03 |
| 11. Dual Applicator Quick-Change System | 12. Vision Inspection System / CCD Inspection System |
| 13. Wire Collector (2meter-12meter) RSM-WCV-550/ 2/4.../12 | 14. Lifting Safety Cover |



Wire Feeder (for thin wire)

RSM-WF-550



Feature

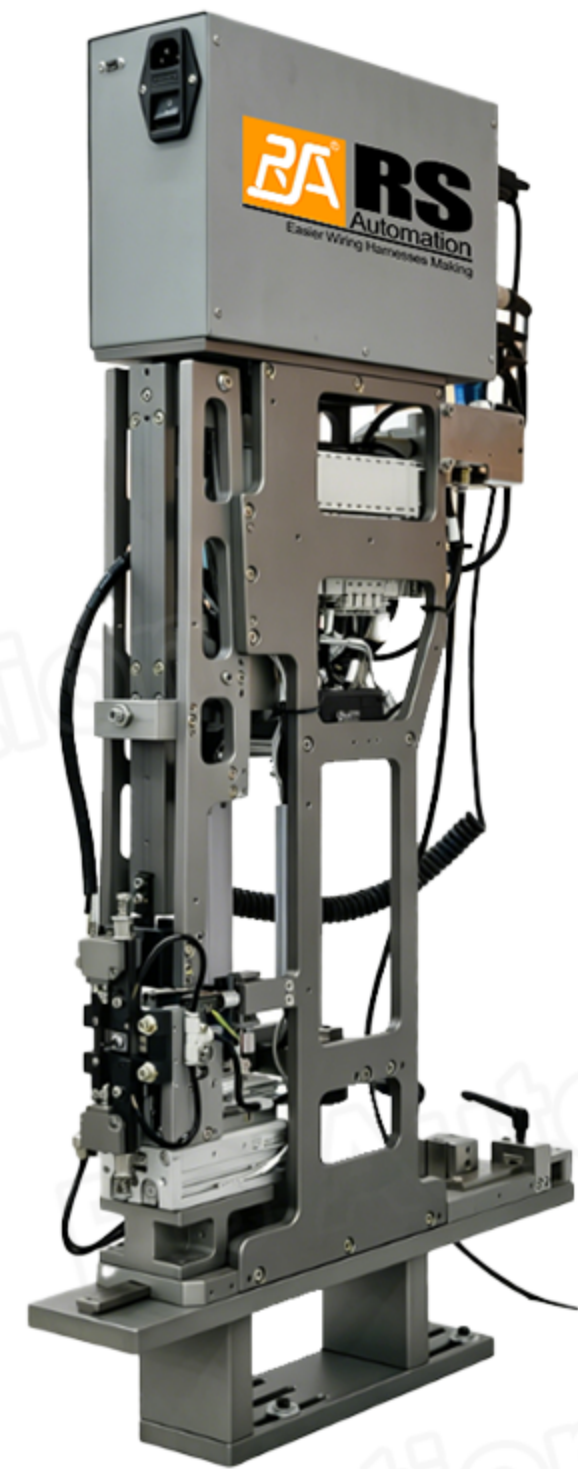
- ▶ High-speed pre-feeding for spool wires
- ▶ Belt-type feed rollers for cable protection
- ▶ Pulley-group wire storage ensures high feeding efficiency
- ▶ Perfect compatible with automatic & combined processing machines
- ▶ Two models: forward(1FS) / reverse(1FSF) by wire outlet direction

Specification

Model	RSM-WF-550
Wire Range	0.5–5.0 mm ²
Max Speed	8m/s
Power	220VAC 50Hz 750W
Air	0.6~0.8MPa, Max Air:0.3m ³ /h
Weight	107 kg
Dimensions	1027×550×1281 mm

Wire Seal Insertion Machine

RSA-GSI-550S



Specification

Model	RSA-GSI-550S
Wire Range	0.5–5.0 mm ²
Harness Working Height	8m/s
Cycle Time	≈900 ms
Processing Time	≈300 ms
Ambient Temperature	18–35°C
Relative Humidity	≤65%
Power	100W
Voltage	220VAC 50Hz
Air	0.56~0.5MPa, oil-free air 10L/min
Weight	≈25kg (w/o special base)
Dimensions	95mm×800mm×620 mm

