

Cassette Assembly and Packaging Machine

(Multi Windows Cassette)

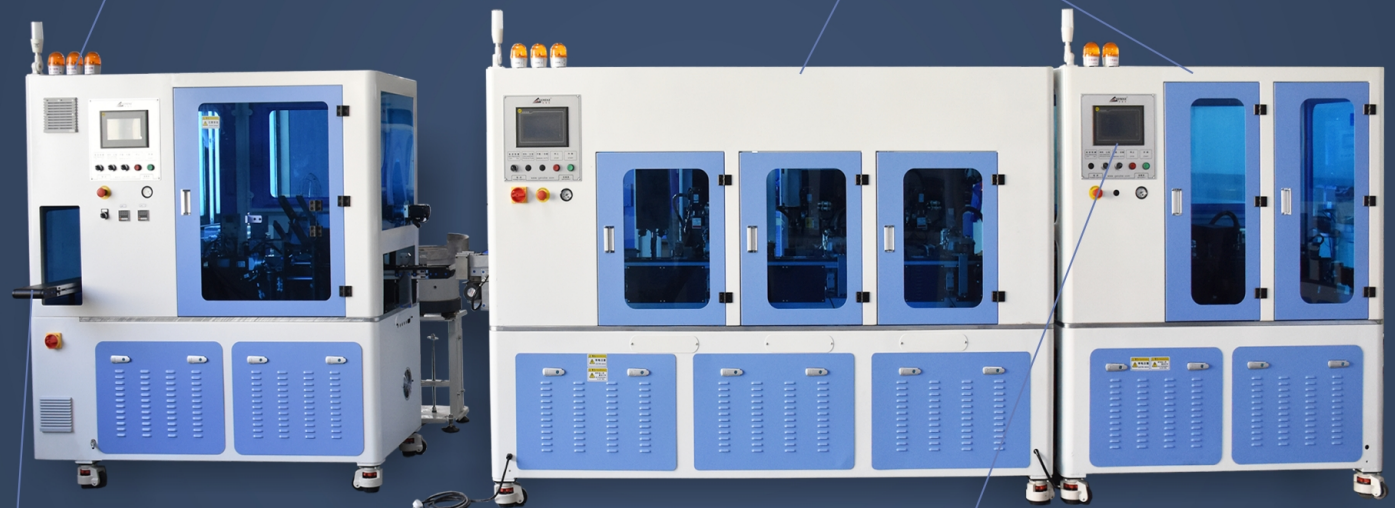
GRK-TWD06

Packaging Unit

Packing cassettes & desiccants

Cassette Assembly Unit

Assemble cassettes & test strips



Finish Products Outlet

Discharge of finished products

Programmable HMI

Parameter setup & trouble shoot

- Speed up to 2400 pcs/ hr
- CE Certified



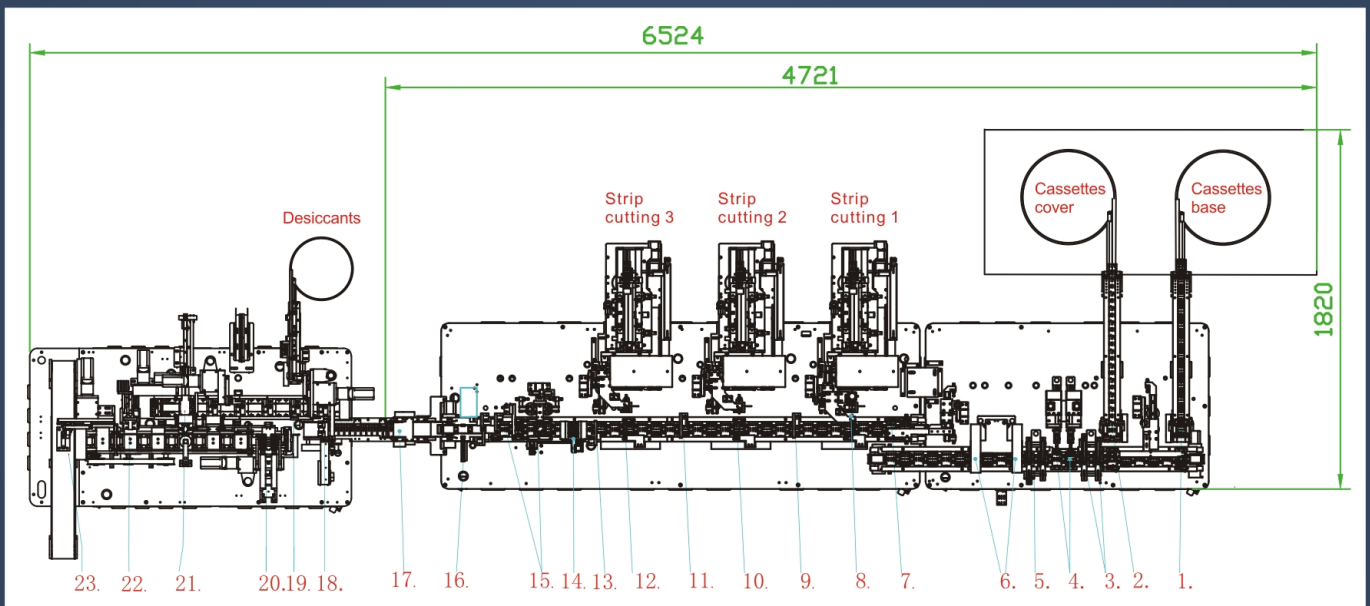
The Multi windows cassette assembly and packaging machine can be used for different sizes of raw parts with minor changeover and adjustment

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Machine Layout:



Assembly Sequences:

1. Cassettes base feed by vibration bowl regardless of head and tail or front and back direction.
2. Cassettes cover feed by vibration bowl regardless of head and tail or front and back direction.
3. Cassettes base and cover front and back check
4. Cassettes commutation
5. Cassettes base and cover head and tail check
6. Cassettes commutation
7. Cassettes transfer to strips placement conveyor
8. First diagnostic sheets cutting and feed strips into cassette base
9. Test strips pressed and checked by sensor
10. Second diagnostic sheets cutting and feed strips into cassette base
11. Test strips pressed and checked by sensor
12. Third diagnostic sheets cutting and feed strips into cassette base
13. Test strips pressed and checked by sensor
14. Placed strips final check by camera sensor
15. Cassettes cover transferred and pressed
16. Defect parts ejection
17. Cassettes completely transferred to foil bag packaging machine
18. Completely cassettes feed into nest and check
19. Desiccants feed into nest and check
20. Foil bags supply and check
21. Completely cassettes and desiccants feed into foil bags
22. Foil bags sealing and checking
23. Finished product outlet

Note: Both assembly and packaging machines equipped with defect part ejection stations

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Product Specifications

Technical Specifications:

- Voltage: 380V,50/60V
- Power:6.5KW(KVA)
- Weight:3500kgs
- Air Pressure: 0.5–0.8MPa
- Air Consumption: 2.0m³/min

Noise Level:

- <75DB

Equipment Parameter:

- Tolerance of Strip cutting: +/-0.05mm
- Width of Strip cutting: 3–6mm
- Uncut sheet can be set within the range : length 150–300mm,width 60–80mm
- Cassette can be set within the range : Customization

Dimensions Specifications:

- Size: L6.50m xW1.80 xH1.80m

Vibration Bowl & Hopper Capacities:

- Uncut sheets: 30–40pcs
- Cassettes: >1000pcs
- Desiccants:>1000pcs
- Foil bags:>800pcs

Machine Performance:

- 2200–2400pcs/hr

Key Features

Cassettes and desiccants feed automatically with vibrator bowls
Sheets and foil bags feed automatically with magazine
Strips cut, pick and place automatically
Sheets trim and scrap will be rejected automatically
Strips placement checked by high precision camera sensor
NC parts will be rejected automatically
HMI touch screen control interface

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