

- Description

QF-600L Pneumatic sealer is suitable for sealing various plastic film bags with width of no more than 600mm. Sealing length can be increased to 950mm according to customization. The machine adopts pneumatic & electric control. Sealing voltage, sealing time and air pressure can be adjusted for bags of different materials and thickness. It is used to seal plastic bag or paper-plastic composite bag whose thickness is no more than 0.10mm in one layer. For special requirement, you can choose the model with double-heating function (that is, heat on two sides of bag opening) in order to seal plastic bag with thickness of no more than 0.20mm. Moreover, the machine can be equipped to various production lines.

- Specification

Model Parameter Item	QF-600L	QF-1000L
Power supply	AC220V/50HZ	AC220V/50HZ
Sealing power	250W(or 500W for double heating)	750W(or 1500W for double heating)
Air compressor power	1.1KW (HP1.5)	1.1KW (HP1.5)
Max. sealing length	600mm	600mm
Sealing width	8,10mm	8,10mm
Adjustable angle of pressing head	20°	20°
External dimension	800×530×1430mm	800×530×1430mm
Weight	80kg	80kg

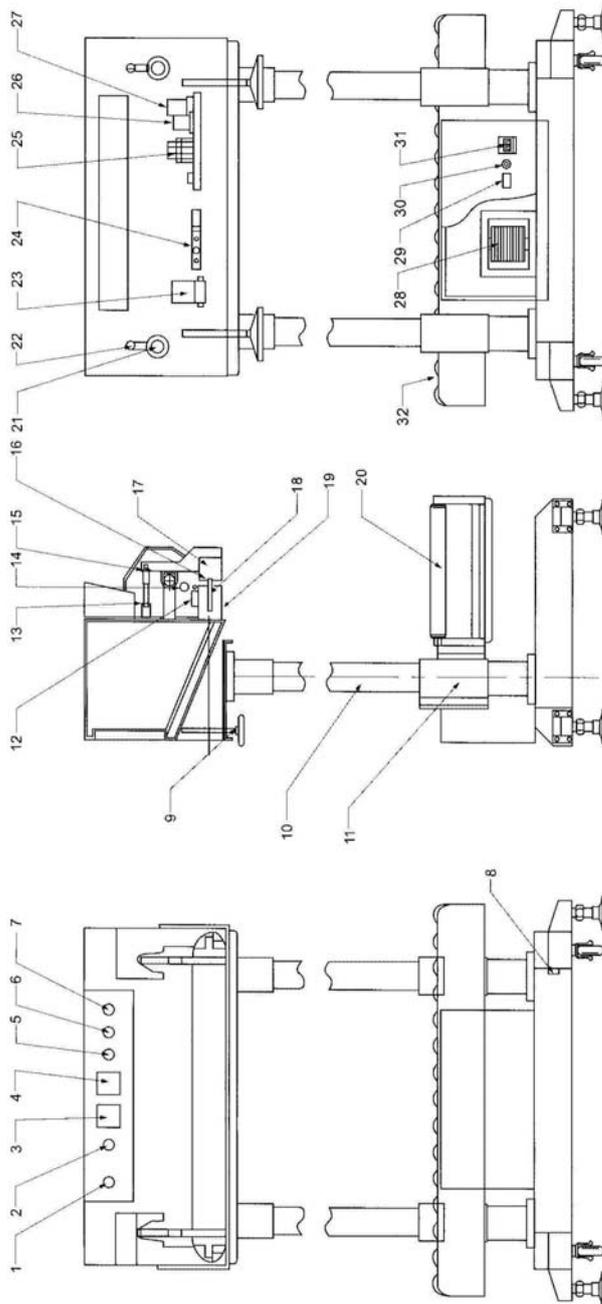
- Prepare for work

1. The machine must be grounded before starting to ensure production safety.
2. The machine must be connected to power supply, gas source and pedal switches before operating. Both connectors of power supply and gas source are located on the rear wall of control cabinet. Pedal switch is located on the right inner side of foot rest.
3. Start air compressor, then set a suitable value for pressure among 0.04~0.06Mpa in accordance with requirement of sealing.
4. Adjust the height of roller according to the height of packaging bag.
5. Choose sealing time and sealing voltage according to material and thickness of packaging bag. For sealing voltage, there is grade I (30V) and grade II (36V). The adjustable range of sealing time is 0~5s. Please make adjustment from low to high gradually.
  - A. If thickness of plastic film in one layer is less than 0.06mm, choose grade I for voltage. While choose grade II for thicker film or paper-plastic composite material.
  - B. Sealing time should be decreased properly after sealing several bags continuously.
  - C. Cooling time is set to ensure flatness of bag opening after finishing sealing cycle,

which should be increased properly when sealing relatively thicker film. The relevant time relay is located inside the machine head. Operator just needs to open the rear cover before making adjustments.

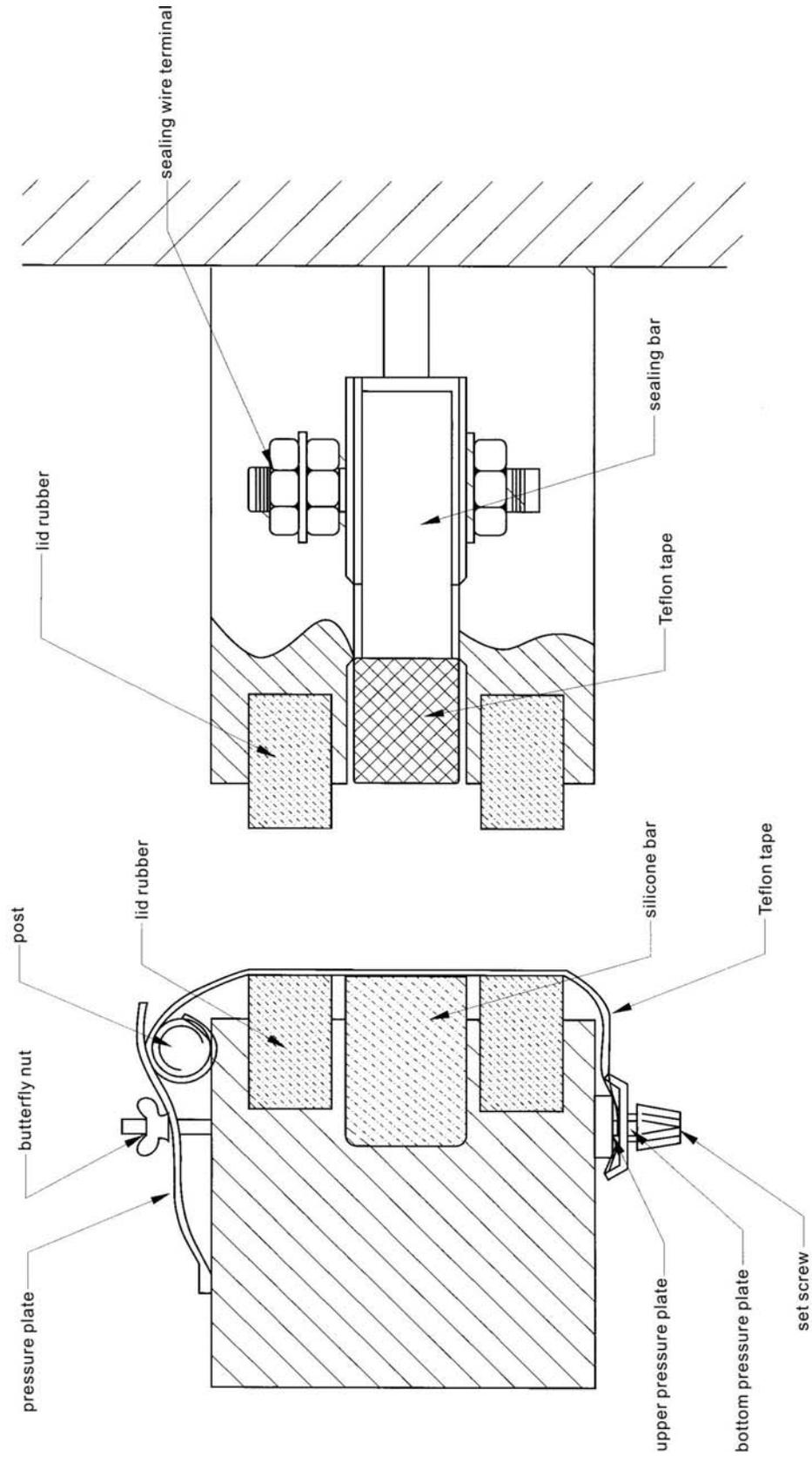
6. After setting all regulating switches, the machine is ready for taking sealing test.
7. Never stamp the pedal switch when leveling bag opening, or personal injury may occur.
8. If you need machine to stop in case of emergency, just press emergency stop switch, the machine will be reset.

### Main Components and Names



1. pressure gauge 2. pressure reducing valve 3. sealing voltage 4. sealing time relay switch 5. power switch 6. start switch 7. emergency stop switch 8. pedal switch socket 9. angle-adjusting handwheel 10. vertical post 11. guide sleeve 12. master switch 13. cylinder rod 14. cooling tube 15. swing arm 16. silicone bar 17. upper pressure head 18. sealing bar, sealing wire and Teflon tape 19. bottom pressure head 20. roller 21. cylinder 22. cylinder throttling valve 23. solenoid valve (two-position three-port) 24. solenoid valve (two-position five-port) 25. cooling time relay 26. intermediate relay 27. AC contactor 28. transformer 29. power supply socket 30. gas source inlet 31. air switch 32. worktable

# Sealing Parts Diagram (double heating)



# Electrical Schematic Diagram

