



## *NF-60Z Aluminum Tube Filling and Sealing Machine*



### **Main feature:**

1. Driving part is enclosed under the platform, safe and no pollution. With 12 stations and matching with manipulator, the machine is able to meet different type of tail folding, sealing requirements of plum tube, metal tube, plastic tube and laminated tubes. It is a multi-purpose machine.
2. Tube feeding, eye mark register, tube interior cleaning (optional), material filling, sealing (tail folding), batch number printing, finished products discharging can be performed automatically (the whole procedure).
3. Servo control makes it precise and convenient to adjust the filling amount by touch screen.
4. According to the different length of the tube, height of tube chamber can be adjusted easily by motor. With external reversal feeding system, makes tube charging more convenient and tidy.
5. The mechanical linkage photo sensor precision tolerance is less than 0.2mm. The chromatic aberration scope between tube and eye mark is reduced.
6. Photo-electronic, electric, pneumatic integrative control is applied with the machine. No tube, no filling. It gives an alarm when low pressure occurs. The machine stops automatically if tube error or open the safety door.
7. Three-layer jacket instant heater with inside air heating, It won't damage the pattern on outer wall of tube and achieves firm and beautiful sealing effect.
8. Fault alarm system included and the machine stops when overloading.
9. Numbering and the machine stops when amount is fixed.

## Technical Parameters

Item	NF-60Z
Tube material	Composite plastic tube, Alu tube
Filling range (ml)	5ml-200ml/tube (Adjustable)
Filling accuracy	$\leq \pm 1\%$
Working speed	Up to 60 pcs/min
Tube dia. (mm)	$\Phi 10 - \Phi 50\text{mm}$
Tube length (mm)	50-240mm (Max. length)
Power of main machine	380V/220V (As tailored)
Working pressure	0.55 - 0.65 Mpa
Main motor power	1.1 KW
Heat up power	3.0 KW
Overall dimension	2000 mm × 950 mm × 1900mm
Net Weight	850 kg