

Tube Filling Machine: Maintenance & Troubleshooting Checklist

1. Daily Maintenance Checklist

Area	Check Item	Done
Product	Consistency stable	<input type="checkbox"/>
Filling	Correct volume, no drips, no air bubbles	<input type="checkbox"/>
Sealing	Uniform sealing, no leaks	<input type="checkbox"/>
Tube Feeding	Proper alignment, smooth operation	<input type="checkbox"/>
Machine	Clean, no abnormal noise	<input type="checkbox"/>
Utilities	Air pressure, power supply, environment stable	<input type="checkbox"/>

Tips:

- Even a small residue can lead to bigger filling inconsistencies later.
- Minor drips often indicate alignment issues.
- Daily checks prevent minor problems from escalating.

2. Weekly / Scheduled Maintenance Checklist

Area	Check Item	Done
Filling	Inspect valves and pistons for wear	<input type="checkbox"/>
Sealing	Check heaters, jaws, belts for proper operation	<input type="checkbox"/>
Guides &	Verify alignment of tube guides and conveyor	<input type="checkbox"/>
Air & Utilities	Inspect filters, regulators, and compressed air	<input type="checkbox"/>
Electrical	Ensure connections are tight and free of corrosion	<input type="checkbox"/>

Experience Note: Regular weekly checks prevent small issues from turning into production-stopping problems.



3. Troubleshooting Quick Reference

Problem	What to Check	Done
Filling volume inconsistent	Product viscosity, air bubbles, piston wear, valve adjustment	<input type="checkbox"/>
Dripping / Overflow	Nozzle cleanliness, flow rate, air pressure	<input type="checkbox"/>
Poor sealing / Leakage	Heater temperature, jaw pressure, tube alignment	<input type="checkbox"/>
Tube misalignment / Jamming	Guides, conveyor alignment, tube dimensions	<input type="checkbox"/>
Unexpected stops	Emergency stops, sensors, power, air supply	<input type="checkbox"/>

Practical Tip: Tracking minor deviations early helps avoid repeated troubleshooting and production downtime.

4. Utilities & Environment Checks

Area	Check Item	Done
Compressed Air	Clean, dry, stable	<input type="checkbox"/>
Power Supply	Stable, within specification	<input type="checkbox"/>
Environment	Temperature and humidity suitable	<input type="checkbox"/>

5. Notes & Observations

- Record minor deviations or unusual noises.
- Log any adjustments made during operation.
- Include operator observations for trend tracking.

- **WeChat / WhatsApp:**
- +86 13587552772 (Charles)
- +86 13625873008 (Alisa)

Sales Email:
 charles@kxite.com
 alisa@kxite.com