

Hose Tube Filling and Sealing Machine

The hose tube filling and sealing machine automates the filling and sealing of various tubes like plastic, laminate, and aluminum. It ensures precise filling volume and consistent sealing using hot air or ultrasonic mechanisms.



Product Overview

Automated Tube Filling and Sealing

The RGNF-30 is a professional-grade packaging solution designed for the precise filling and sealing of plastic and aluminum-plastic composite tubes. Featuring a compact, fully closed structure, this machine automates the entire process from tube feeding and washing to filling, heating, sealing, and date stamping. Built with 316L stainless steel contact parts, it ensures high hygiene standards suitable for pharmaceutical, cosmetic, and food industry requirements.

Technical Specifications

Contact Parts Material	316L Stainless Steel
Compliance	GMP Compliant
Speed Control	Frequency Converter

Features & Capabilities

Applicable Industries

Medicine • Food • Cosmetics • Daily Chemical

Compatible Tube Types

- Plastic pipe
- Aluminum-plastic composite tube

Automated Process Workflow

- Tube supply
- Tube washing
- Knowledge standard
- Filling
- Thermally dissolved
- End capping
- Lot number printing
- Finishing

Operational Features

- Pneumatic tube supply system
- Rotary hose tube mold with electric eye positioning
- Intelligent temperature control and cooling system
- Direct dial height adjustment