GLUDITEC
Glue & Dispensing Technology

GPP-300D

300/330ml Cartridge Dual Cylinder Pump

The GPP-300D supply system handles 300cc/330cc packaged rubber drums, utilizing cylinder pressure and a pressure pump for self-suction. It maintains a constant material flow rate through steady pressure and precise timing control of the on-off valve. This ensures consistent dispensing volume and speed. It's suitable for substances such as silicone, epoxy, grease, thermally conductive gel and silicone, sausage glue, and various medium to high viscosity fluids.

FEATURES

- It utilizes a 300cc/330cc silicone sleeve and sausage glue packaging for fixed-amount dispensing.

- It's designed to handle 10,000-1,000,000 high viscosity glue.

- Given the high viscosity of silicone, dispensing is done through mechanical extrusion to ensure accurate glue output. This method is different from pneumatic pressure conveying, as it eliminates any gas residue.

- Its small size and easy operation, coupled with an external ultra-precision dispensing valve, ensure precision dispensing and significantly improve production capacity and dispensing quality.

- The pump head includes a low-level glue alarm switch, enabling automatic switching between low liquid levels and material shortages.

- The system features an automatic switching function for double glue buckets, designed for automatic line production and frequent glue change. This prevents line stopping, saves time during glue changes, and enhances production efficiency.

SPECIFICATION

Properties	GPP-300D
External dimensions	L425 x W210 x H675 mm
Power	12W
Air Input	0.5 ~ 0.7 MPa
Cylinder thrust	50kg (at air pressure 0.5Mpa)
Track length	1500mm, customizable
Pumping method	Cylinder push + pressure pump self-priming
Glue packaging	300cc/330cc package
Sealant material	PEEK/TEFLON/ Special rubber
Structural part material	Aluminum alloy anode/stainless steel
Applicable material viscosity	< 1,000,000 cps
Hardness of applicable material	< 60HRC
Control mode	MCU control
Monitoring method	Closed-loop control of pressure sensors
Alarm alert	Lack of material alarm, abnormal pressure alarm

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CONFIGURATION

857

200

280

Cylinder

Pump head

Piston briquetting

Plastic buckets

Rubber drum sheath

Glue dispensing joints

Vent deglue handle

Cylinder pressure gauge

Board

Electric control box

Vent deglue handle

Activated Valve

Cylinder pressure gauge

Reposition

Power Supply

Cylinder regulator