GLUDITEC
Glue & Dispensing Technology

Technical Data Sheet

GSP-2600

2600ml Bottle Progressive Cavity Pump

GSP-2600 glue supply system pushes the 2600cc packaging rubber drum and **screw pump** self-suction through the cylinder pressure, and the material flow rate is maintained at a constant pressure, combined with the precise time control of the on-off valve to ensure the dispensing volume and dispensing speed

FEATURES

- Compatible with 2600cc silicone sleeves and sausage glue packaging, enabling fixed-weight dispensing.
- Ideal for high-viscosity adhesives ranging from 10,000 to 1,000,000 cps.
- Effectively addresses glue breakage, volume instability, and uneven lines commonly caused by traditional pneumatic pressure pump pulsing.
- User-friendly design featuring a dedicated controller with a touchscreen, a low liquid level alarm, and adjustable glue volume via the controller's speed setting.
- High dispensing accuracy within ±3%, with a minimum dispensing amount of 0.03g and a maximum of 5g/s.
- Durable, cost-effective design with minimal part replacements required, ensuring a long service life.
- Compact and easy to install, optimized for integration with automated systems.

SPECIFICATION

Properties	GSP-2600
External dimensions	L430 x W210 x H741 mm
Power	400W
Air Input	0.5 ~ 0.7 MPa
Cylinder thrust	50kg (at air pressure 0.5Mpa)
Track length	1500mm, customizable
Pumping method	Cylinder push + progressive cavity pump self-priming
Glue packaging	2600cc
Output Volume Options	1.5cc/ 6cc/ 9cc
Rotor material	Stainless steel
Stator material	Stainless steel + Extra wear-resistant rubber
Sealant material	PEEK/TEFLON/ Special rubber
Structural part material	Aluminum alloy anode/ stainless steel

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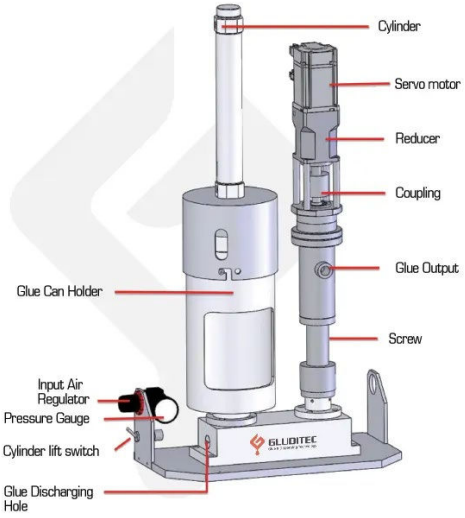
SPECIFICATION

Properties	GSP-2600
Applicable material viscosity	<1,500,000 cps
Hardness of applicable material	<60HRC
Control mode	PLC control
Monitoring method	Closed-loop control of pressure sensors
Alarm alert	Lack of material alarm, abnormal pressure alarm

CONFIGURATION



DRAWING