![GLUDITEC - Glue & Dispensing Technology]

GPP-135

Small Size Can Piston Pump

The GPP-135 Small Size Can Piston Pump supply system dispenses 1KG, 3KG, 5KG packaging drums (customizable tank size to fit with the plate) using cylinder pressure and self-suction from a pressure pump. It maintains a constant material flow rate, and precise time control of the on-off valve ensures the dispensing amount and speed.

Suitable for: Silicone; Epoxy resin; Grease; Thermally conductive gel; Thermally conductive silicone; Thermal paste; and Various medium to high viscosity fluids

FEATURES

- The system can directly dispense with 1kg, 3kg, and 5kg liquid iron drums and plastic drums paste packaging, effectively minimizing waste from replacing liquid containers.

- The container's sealing ring has been rigorously tested, significantly reducing residue from high-viscosity liquid.

- Depending on the liquid's viscosity, pressure pumps with different booster ratios can be selected.

- It's suitable for dispensing liquid materials with a viscosity of 10,000~1,000,000cps. The pump features a compact design and is easy to operate, making it suitable for various work environments. It also includes a low-level glue switch.

- The pressure plate can be customized according to the barrel's diameter, accommodating both straight-through and cone barrels.
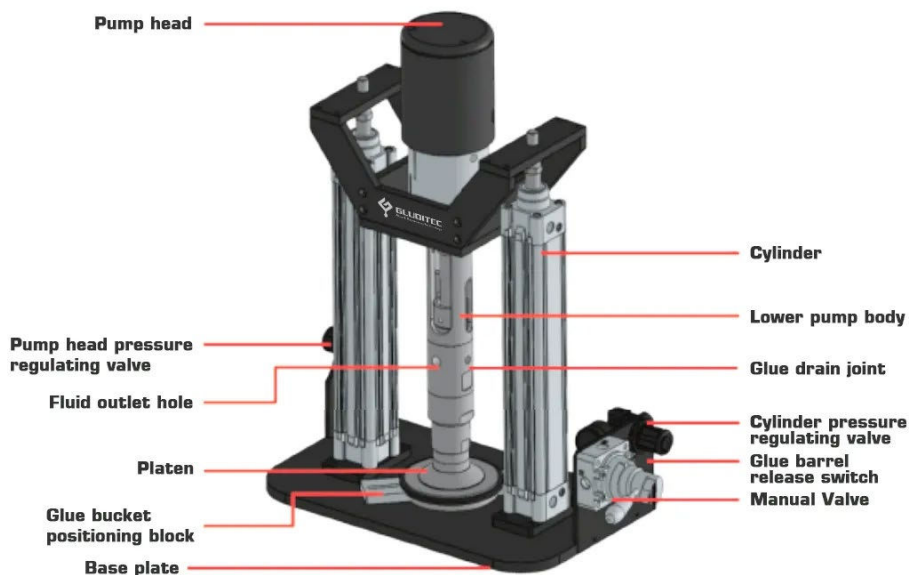
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SPECIFICATION

Properties	GPP-135
External dimensions	L503 x W220 x H563 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 + pressure pump self-priming
Glue packaging	1KG, 3KG, 5KG packing
Sealant material	PEEK/TEFLON/ Special rubber
Structural part material	Aluminum alloy anode/stainless steel
Applicable material viscosity	10,000 ~ 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

CONFIGURATION

Pump head

Cylinder

Lower pump body

Pump head pressure regulating valve

Fluid outlet hole

Glue drain joint

Cylinder pressure regulating valve

Platen

Glue barrel release switch

Manual Valve

Glue bucket positioning block

Base plate

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DRAWINGS