

FG5400 Automatic 8 Nozzles Gear Pump Liquid Filler



Automatic 8 heads gear pump liquid filler FG5400 high speed lubricant filler is suitable for lubricant oil filling requirement with massive filling volume from 1 liter to 5 liter. Controlled by servo motor make filling precise and each nozzle can be adjusted individually. The 8-nozzle filling machine fills simultaneously with eight industrial-level nozzles for large-quantity production.

Features

1. Simultaneous filling with eight nozzles for high precision filling
2. Adopted lubricant oil pump for precise and smooth filling.
3. Servo motor controls each filling nozzle individually and accurate filling.
4. Pneumatic shut-off nozzle prevents liquid from dripping.
5. Pneumatic bottle positioning system and diving nozzle for precise filling.
6. Pneumatic drip tray with surplus oil backflow system.
7. Anti-bottle backup sensor ensures smooth transferring without jam.
8. Recipes for instantaneous changeover for different products can be stored as memory parameter.
9. Tank with product re-fills system and alarm for out of liquid.
10. Touchscreen to set filling volume, speed and interval time of each nozzle and shown filling status.
11. PLC control system with HMI touch panel for easy control.
12. Equipped with gear pump for liquids with different viscosities.
13. Special design reduces foaming and splashing.
14. Safety protective shield for operators' safety
15. Equipped with production warning system

16. Equipped with gates for precise positioning
17. Fixed columns with wheeled frame, easy to move
18. 200L tank
19. Equipped with emergency stop button
20. Heavy duty and rigid construction: Made of SUS #304,316 stainless steel and aluminum alloy.

Specification

- Number of Nozzles: 8 Nozzles
- Automation Level: Fully automated
- Suitable Liquids: Free-flowing, under 40 degrees Celsius
- Filling Range: 50~5000ml
- Filling Speed: 50~250ml/sec
- Filling Precision: $\pm 0.5\%$ ~1%
- Suitable Containers: All types
- Power Supply: 220 VAC, 50/60 Hz, 3 phase
- Machine Weight: 500kg
- Machine Dimension: (L)4400mm (W)1900mm (H)2150mm