



since 1946

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## EFGP-A1

# Flamingo Auto Gear Pump Filling Line

Flamingo EFGP-A1 gear pump filling line can be used in various industries including pharmaceutical, food, cosmetics, agriculture and chemical industries. Suitable for fruit and vegetable drinks, milk, shampoo, cream, lotions and oils.

**Filling Speed Approximation for liquids with an SG approx. =1 and a viscosity of approx. 1 cP (dependant on product and nozzle design)**

- 2 nozzle Gear pump filler per minute at 500ml approximately 20-22 per minute
- 4 nozzle Gear pump filler per minute at 500ml approximately 30-34 per minute
- 6 nozzle gear pump filler per minute at 500ml approximately 40-46 per minute.

### Benefits

- The EFGP-A1 uses a gear pump concept as a metering device to fill correct amounts of gels or liquids into containers.
- Trickle Speed Function - Each filling cycle can start fast and slow down at the finish to eliminate bubbles of foamy materials.
- 20 different programs can be saved and recalled - related to different sizes and viscosities

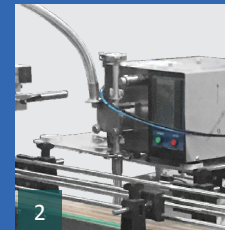
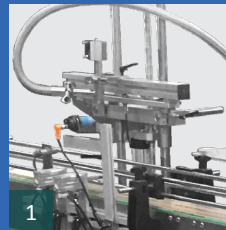
- Internal/external shut-off Anti-Drip Nozzles included (dependant on product and container).
- Pump Heads are cleaning-friendly no tools required to dismantle.
- Variable speed control gear motor conveyor
- Photocell sensors and pneumatic gating
- Air operated rise & fall filling nozzles
- Adjustable and percentile filling speed
- Delta Touchscreen with Delta PLC programmed by Flamingo Products
- Modular with ability to upgrade to 4, 8 and 16 heads
- No bottle- No fill function
- Built Up Sensor for Line Blockage
- Anti-Collision for bottle position error
- Anti-Crush for misplaced bottles
- Product Counting Function



Bottle Collision / Anti Bank up / Anti Crash protection



Drip and Drain Tray System



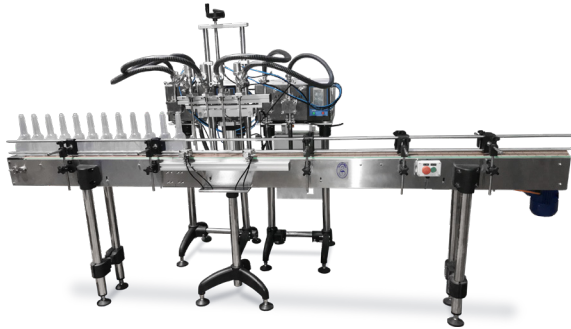
## Specifications

power source	V	240
filling volume	ml	10-5000
production speed	bpm	10-16
air source required	bar	6-8
width	mm	1400
height	mm	1850
length	mm	2400
weight	kg	96

*\* Please confirm specifications on order as features may change*

## EFGP-A4

Flamingo Auto Gear Pump Filling Line

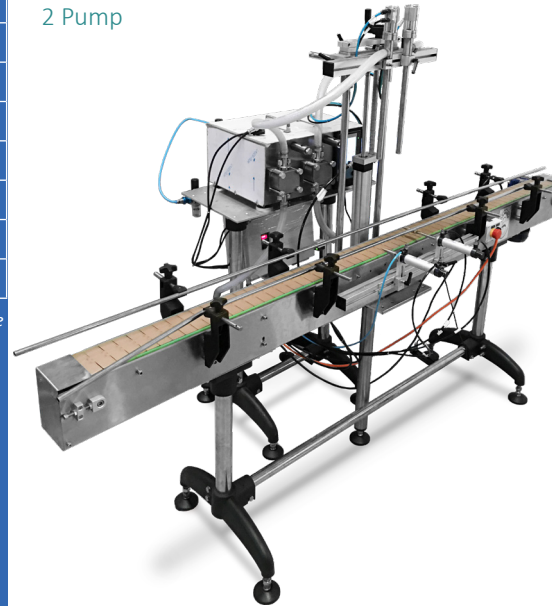


power source	V	240
filling volume	ml	10-5000
production speed	bpm	40-46
air source required	bar	6-8
width	mm	1400
height	mm	1850
length	mm	2400
weight	kg	120

*\* Please confirm specifications on order as features may change*

## EFGP-A2

Flamingo Gear Pump Filling Line  
2 Pump



power source	V	240
filling volume	ml	10-5000
production speed	bpm	20-26
air source required	bar	6-8
width	mm	1400
height	mm	1850
length	mm	2400
weight	kg	100

*\* Please confirm specifications on order as features may change*

## EFGP-B1

Flamingo Benchtop Gear Pump Filler  
1 Pump



power source	V	240
filling volume	ml	10-5000
speed	bpm	10-16
air source required	bar	6-8
width	mm	1400
height	mm	1850
length	mm	2400
weight	kg	40

*\* Please confirm specifications on order as features may change*

## EFGP-B2

Flamingo Benchtop Gear Pump Filler  
2 Pump



power source	V	240
filling volume	ml	10-5000
speed	bpm	16-25
air source required	bar	6-8
width	mm	1400
height	mm	1850
length	mm	2400
weight	kg	50

*\* Please confirm specifications on order as features may change*