



# SERIES 10

## GRAVIMETRIC

When filling gravimetrically, the AFI Series 10 fillers incorporate a weighcell or balance to provide the signal for the filling to stop, eliminating inaccuracies caused by products of inconsistent density.

Two-speed filling with high speed bulk and slow speed top-up or multi-stage filling provide even greater accuracy. Automatic lines can incorporate weigh-stations before, between and after the filling head(s), so that weighing takes place simultaneously with filling, maximising production outputs.

### FEATURES

- Weighcells/balances as appropriate
- All stainless steel contact parts
- No-tools removable change parts
- Augers machined from solid
- Independent agitation drive
- Large capacity seamless hopper
- Siemens plc-based weigh-fill control via full colour touch-screen panel with memory



### OPTIONS

- Servo drive
- 2-speed bulk fill and top-up
- Bulk fill and feed forward
- Multi-stage filling
- Loss-in-weight filling
- Bulk feed accessories
- Bag clamps and container handling options



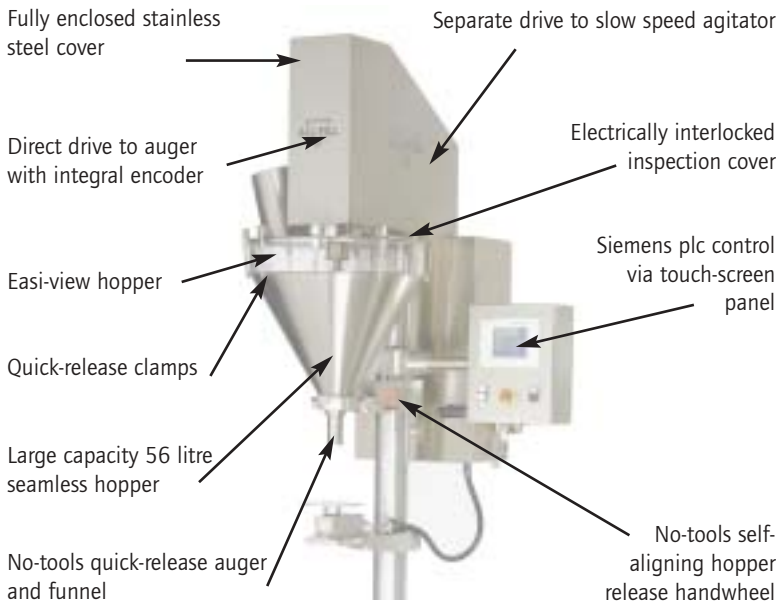
ALL-FILL INTERNATIONAL LIMITED  
REGISTERED TO ISO 9001  
CERTIFICATE NO. A6246



**ALL-FILL INTERNATIONAL LIMITED**  
Unit 5 Gateshead Close • Sunderland Road  
Sandy • Bedfordshire • SG19 1RS • UK

tel: +44 (0) 1767 691100  
fax: +44 (0) 1767 681406  
email: [info@allfill.co.uk](mailto:info@allfill.co.uk)  
website: [www.allfill.co.uk](http://www.allfill.co.uk)

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## STANDARD SPECIFICATION

- Controller type: Siemens plc
- HMI: Full colour touch-screen panel
- Hopper capacity: 38 litres
- Agitation drive: 0.37kw, 28 rpm
- Agitation options: Continuous  
With fill only  
With fill and variable time delay  
No agitation
- Fill method: Bulk fill by weight  
Bulk fill with dribble top-up  
Bulk fill, predict and feed forward
- Auger tooling: Manufactured from solid stainless steel
- Contact parts: 304 grade stainless steel (including hopper lid)
- Fill weight range: 1g – 50kg
- Power: 2.2 kva
- Weight: 185kg

## DRIVE SYSTEM OPTIONS

- Flux Vector Inverter direct drive system
- Servo direct drive system
- Self-adjusting 170mm diameter heavy duty clutch brake

## OTHER OPTIONS

- Single or twin load-cell configuration
- Column or floor-mounted load-cells
- Electro-pneumatic sack clamps
- Full stainless steel specification
- 316L contact parts for pharmaceutical applications
- 56 litre capacity hopper
- Multi-stage filling
- Loss-in-weight filling
- Printer/interface port



### Small bottle/ rigid container filler

- Semi-automatic
- Easi-view hopper, 56 litre
- Stainless steel clad head
- Column worktable-mounted load-cell
- Footswitch fill initiation
- Plc-based weigh-fill controller
- Full colour touch-screen panel



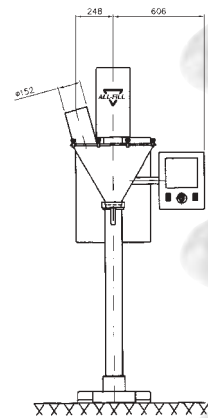
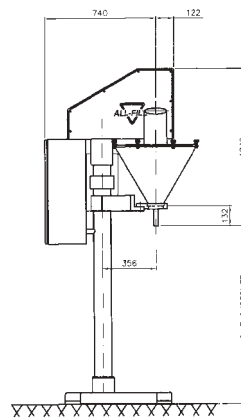
### Sack filling

- Twin load-cells, independently floor-mounted
- Load-cell supported pneumatic sack clamp
- Two position footswitch for fill initiation and sack clamp actuation
- Dust extraction
- Full corrosion-resistant specification
- Siemens plc weigh-fill control
- Full colour touch-screen panel



### Toner bag filling

- Stainless steel clad head
- 120 litre hopper
- Load-cell supported pneumatic bag clamp
- Vacuum conveyor hopper bulk feeder
- Chinaman's hat hopper lid vent
- Siemens plc weigh-fill control
- Full colour touch-screen panel



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