

VOLUMETRIC FILLER



When filling volumetrically, the fill weight is determined by the number of auger revolutions, controlled by a plc via integral shaft encoder or pulse count. In free-standing semi-automatic form it offers a versatile and low cost filling solution. Mounted over an existing line or as an integral part of bagging, sachet or cartonning equipment, the head can be combined with a downstream checkweigher to minimise product giveaway.

FEATURES

- All stainless steel contact parts
- No-tools removable change parts
- Auger machined from solid
- Independent agitation drive
- Large capacity seamless hopper
- Plc control via touch-screen panel



OPTIONS

- Full colour touch-screen panel
- Product recipe memory
- Bulk feed accessories
- Checkweigher feedback and active feedback



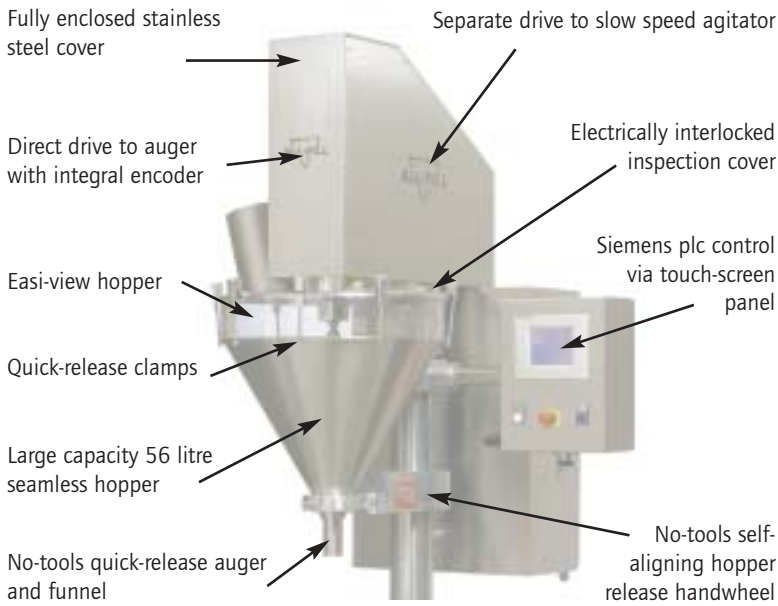
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REGISTERED TO ISO 9001
CERTIFICATE NO. A6246



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SERIES 10 VOLUMETRIC FILLER



STANDARD SPECIFICATION

Controller type:	Siemens plc
HMI:	Touch-screen panel (monochrome as standard)
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	
Auger revs:	0.005 rev incremental adjustment (flex vector) 0.0003 rev incremental adjustment (servo)
Time:	0.001 sec incremental adjustment
Auger tooling:	Manufactured from solid steel
Contact parts:	304 grade stainless steel (including hopper lid)
Fill weight range:	20mg – 50kg
Power:	2.2 kva
Weight:	175kg

DRIVE SYSTEM OPTIONS

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

OTHER OPTIONS

- Full stainless steel specification
- 316L contact parts for pharmaceutical applications
- Horizontal cross-feed screw and other bulk feed options
- 56 litre capacity hopper
- Easi-view hopper
- Variable speed drive
- Product recipe memory
- Bottom-up lift system
- Work-table
- Checkweigher feedback



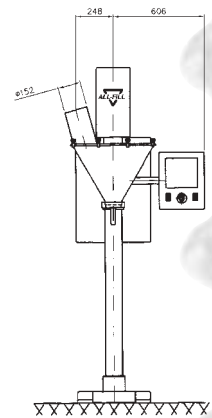
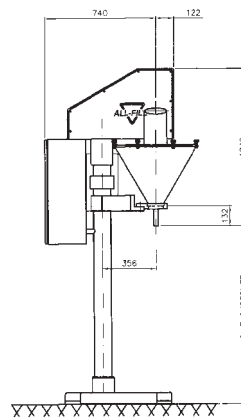
Semi-automatic
Free standing column mounted
Stainless steel clad head
Work-table
Monochrome touch-screen panel



VFFS
Vertical form-fill-seal configuration
56 litre seam-free hopper
Long auger/funnel for dosing through forming tube
Cut-off valve
Horizontal auger hopper feeder for bulk feed from above
Bracket-mounted with height adjustment



Bottom-up filler
400 litre capacity hopper to eliminate requirement for a surge hopper between the mixer and the filler
Up-rated auger and agitation drive
Pneumatic container lift system for bottom-up filling



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