



## Series 100 & 200 Automatic In-Line Systems



The Series 100 & 200 in-line fillers offer fully automatic filling with no-tools changeover for both containers and powders.

Container changes are accommodated simply and quickly by adjustment of the conveyor guide rails, indexing stop cylinders and head height. Based upon the Series 10 fillers, the head combinations feature tool-free removal of funnel, auger and hopper.

Neck-entry filling minimises dust, while bottom-up filling prevents aeration and permits compaction where necessary to fit the full fill weight into the container.

All-Fill's unique conveyor chain, stainless steel or plastic as appropriate, provides a recess-free wipe-clean stainless steel surface and affords access to the underside of the container for lifting. Neck locators can be utilised for centralising narrow-neck bottles, and vibration settling for powders and granular products.

### Standard Features

- ▼ All stainless-steel contact parts
- ▼ 56 litre stainless steel hopper
- ▼ No-tools removable change parts
- ▼ Auger machined from solid
- ▼ Servo-driven auger
- ▼ Independent agitation drive
- ▼ PLC control via touch-screen panel

### Options

- ▼ 1 to 4 filling heads
- ▼ Container vibration settling
- ▼ Bottom-up compressive filling
- ▼ Weigh-fill, check-weigher feedback and tare and gross configurations
- ▼ Lean-Clean 56 Litre Split Hopper
- ▼ Clear View Acrylic Hopper
- ▼ Hopper Level Probe
- ▼ Bulk Feed Accessories
- ▼ Full stainless-steel specification
- ▼ 316L contact parts
- ▼ 38 litre stainless steel hopper



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## Series 200 Twin Head Automatic Filling Machine

- ▼ Two Series 10 Filling Heads
- ▼ 56L stainless steel split hoppers
- ▼ Two electric lift motors for bottom-up filling at both filling stations
- ▼ Wipe-clean stainless steel conveyor with adjustable guide rails
- ▼ Container indexing system to the two filling stations
- ▼ Container vibration at both filling stations
- ▼ eWON VPN Router for secure machine remote diagnostics
- ▼ Check-weigher system with feedback to the filling machine
- ▼ Reject conveyor system for under/overweight containers

## Special Series 400 Four Head Automatic Filling Machine

- ▼ Four Series 10 Filling Heads with two shared volume 80 litre hoppers
- ▼ Scroll indexing system to transport containers to the four filling stations
- ▼ Container vibration at all four filling stations to settle product in the container
- ▼ Four weigh-pan assemblies, each including a high-resolution digital weigh-cell
- ▼ Dipping cone mechanism to minimise dust generation when filling



## Series 100 Single Head Automatic Filling Machine

- ▼ Single Series 10 Filling Head
- ▼ 56L seamless stainless steel hopper
- ▼ Dust retention and safety guard
- ▼ Automatic lifting mechanism for bottom-up filling
- ▼ Container vibration at filling station
- ▼ Check weighing system for gravimetric filling



## Standard Specification

Controller type:	Siemens PLC	Auger drive:	Servo, variable speed direct drive
HMI:	Colour touch-screen panel	Auger revs:	0.0003 rev incremental adjustment
Hopper capacity:	56 litres	Auger tooling:	Manufactured from stainless steel
Agitation drive:	0.55kW	Contact parts:	304 grade stainless steel
Agitation options:	Continuous	Fill weight range:	20mg – 15kg plus
	With fill only	Power:	2.2 kva
	With fill and time delay	Typical Weight:	800kg (single head)
	No agitation		

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