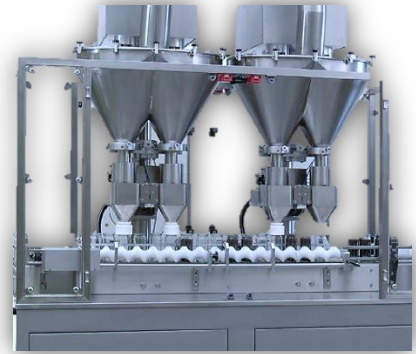
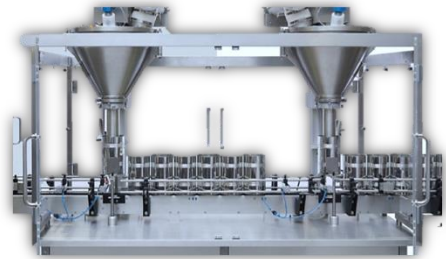


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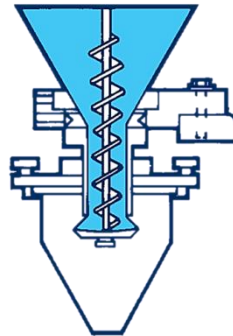
SAPLI IPF-1/2

**HIGHLY
ACCURATE
INLINE POWDER
FILLER**



**POWDERS: NON
FREE-FLOW**

Self-feeding auger assures positive handling of powder and paste products. Standard and custom made augers and funnels are available



**POWDERS: FREE-
FLOW**

Straight auger with spinner plate ensures positive cut-off between fills. Funnel with optional dust extraction facility collects and guides product into container.

Sapli's Linear Powder Filler can be configured with Single or Double Filling stations. In case of required higher production rate the 4 filling stations configuration is proposed (two Double Filling stations).

The equipment includes easy-clean conveyor and stainless steel food-grade product contact parts, vibration at point of fill, lift system for smooth bottom-up filling, no-container no-fill control, no tools changeover, and positive container indexing.

- Auger with servo driving
- Compact and clean machine design
- Intuitive user-friendly interface
- High precision auger machined from solid
- Food grade stainless-steel parts in contact with the product
- Format change without use of tools
- eWON VPN Router for Sapli remote technical support
- No bottle – no fill safety system
- Hopper coupling, self-aligning, quick disconnect
- Automatic base cabinet

The filler is able to fill with a high precision a wide range of products and volumes. The filling capacity is from 50ml to 2000 ml for each station. Volumetric or Gravimetric filling principle can be applied depending on the product requirements.

Depending on the density and chemical features of the product optional lifting and vibrating operation can be added in order to fill the product in the most optimal way.

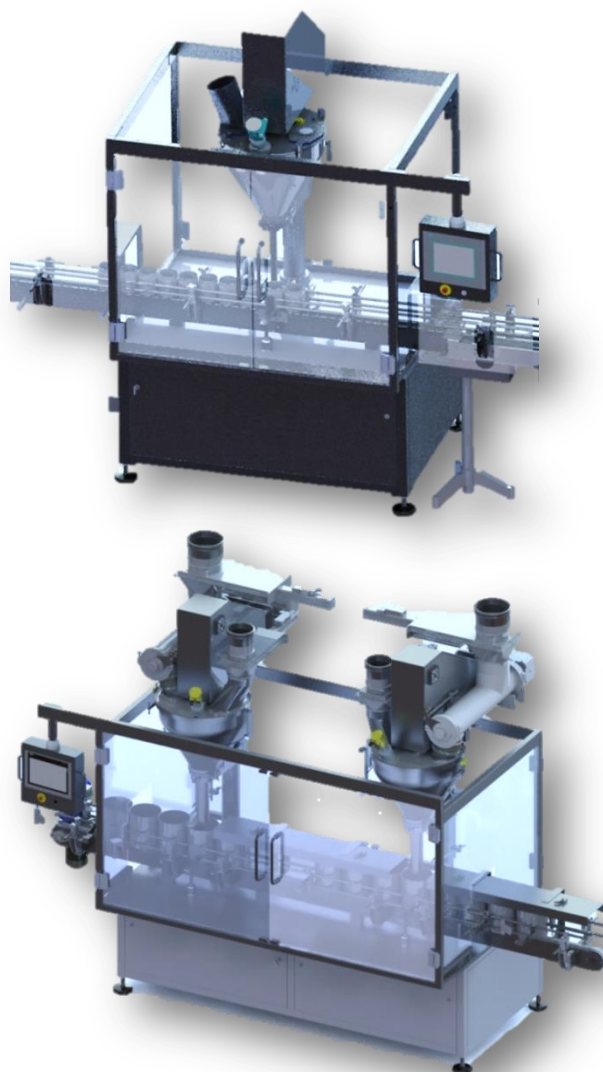
The optional aspiration nozzle on the mouth of the filling station extracts possible dust in case of very free-flowing product with small particles, allowing minimizing the contamination of the filling chamber.

Bottom-up filling option allows compacting in the best way the product, guarantying the best fitting of the product into the container.

The format change is easy and intuitive consisting in adjustment of containers guide rails, head position and indexing of cylinders. No tool is required for the change of hoppers, funnels and auger, in case of need.

Standard Technical Features:

| | |
|-------------------------------|--------------------------------------------------------------------------|
| Controller | Siemens PLC |
| HMI | Colour touch-screen panel |
| Hopper capacity | Min 38 l |
| Agitation drive | 0.55kW |
| Agitation options | Continuous With fill only With fill and time delay No agitation |
| Auger drive | Servo, viable speed direct drive |
| Auger revs | 0.0003 rev incremental adjustment |
| Auger tooling | Manufactured from solid steel |
| Manufactured from solid steel | 304 grade stainless steel |
| Fill capacity range | 50gr – 15kg |
| Power | 2.2 kva |
| Weight | 200kg (single head) |



Optionally can be supplied:

- 1 to 4 filling heads (2 twin)
- Horizontal screw product feeder or vacuum bulk feeders to feed the hopper of the filler
- A wide range of checkweighers and feedback options to control the filling quality and to adjust it in case of need
- Multi-stage filling
- Automatic rejection functions
- Bottom-up lift compressive filling system
- Bulk Feed Accessories
- Hopper product level detection
- Product Recipe Memory
- Container vibration settling



Through the experience and expertise of our filling specialists and design team, Sapli can produce a purpose-built bespoke solution for your filling requirements. Filling line equipment can include, but is not limited to:

- Container unscrambling and cleaning
- Hermetically sealed filling enclosures
- Glove-ports
- Check-weighing
- Capping
- Induction heat sealing
- Labelling
- Coding
- Metal detection
- Vial stoppering
- Puck indexing

