

Albro

P Series—Inline Vacuum Powder Filler

Albro's considerable experience in the design and manufacturing of powder filling equipment has resulted in a comprehensive and versatile range of machines.

Built to meet the particular needs of each individual customer, Albro have successfully provided filling solutions in the dairy, food, pharmaceutical, cosmetic, household and chemical industries world wide.



- No moving product control parts
- Vacuum filling principle for gentle product handling
- Hand fed and automatic machines available for outputs up to 450cpm
- Suitable for free flowing and no free flowing powders and granules
- Easy clean design , tool free changeover

STANDARD FEATURES

- ◆ Vacuum filling principle suitable for free flowing and non free flowing powders and granules
- ◆ No moving parts in contact with product
- ◆ Virtually no product break down
- ◆ Cleanest available filling system
- ◆ Tool free design for simple rapid changeover
- ◆ Inherent no container-no fill system
- ◆ Self emptying hopper design
- ◆ Easy clean hopper
- ◆ Available in sizes up to 40cpm
- ◆ Food grade FDA compliant product contact parts
- ◆ Accuracy of 0.01% of product batch
- ◆ Low air and vacuum pressure sensors
- ◆ Fully guarded to CE mark compliance



OPTIONAL FEATURES

- ◇ Single and twin head, manual and automatic versions
- ◇ Porous nozzle technology for free flow products
- ◇ Inert gas flushing facility
- ◇ Facility to handle semi-rigid containers using nozzle shroud
- ◇ Through conveyor systems for automatic version
- ◇ Level control

UTILITIES AND GENERAL DATA		
model	P1	P2
Supply Voltage	380-415v 3ph 50Hz + Neutral + Earth	
Power Consumption (approx)	2.0kW / 3amps	
Compressed Air	60psi / 4 bar	
Air Consumption (approx)	4cfm/2ltr/sec	
Machine Finish	Polished Stainless Steel	
Machine Weight (approx)	350kg	450kg

OUTPUT CHART - Containers per minute

Pref. Configura-	Typical Talc Powder				Typical Milk Powder			
	50-200mm dia				95-200mm dia			
Container Size	40g	400g	2000g	3000g	400g	1000g	2000g	3000
1 Head	12	12	10	10	24	24	18	18
2 Head	20	20	18	18	36	36	32	32

Specification

	P1	P2
Model	P1	P2
No. Of heads	1	2
Maximum speed	20cpm	36cpm
Maximum container height	250mm	250mm
Maximum container width/dia	189mm	130mm
Maximum gross weight	3000g	1000g

P Series



Process Engineering

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