

G Series

Description

The G-series is a cost-efficient intermittent vertical form fill and seal machine for pillow bags. It can make a bag up to W150 x L190mm, L380mm with double pull.

The film reel is mounted on top of the machine with a motor assist film unwind system. The dancing roller ensures the film's tension while entering the forming device. The forming device forms the film into a tube shape, where it is sealed at the back by the vertical seal, and at the bottom by the horizontal seal. This forms a bag shape opened at the top, whereas the product drops through the forming tube

by the filling device. An inverter regulated motor controls the filling speed which automatically synchronises with the bagging. Next, the bag is drawn downward by pulling rollers, sealed at the top and cut off to complete the packaging process.

The G-series is engineered for maximum control flexibility. Machine functions are pneumatically driven, precisely timed by the PLC. A full range of time settings can be set easily on the touch-screen to maximum packaging speed for different products.

Advantages G-300A

- ★ OMRON CP1 PLC control system
- ★ 7-inch OMRON colour touch screen
- ★ Multi-lingual operator interface with 24 product recipe
- ★ Step-motor controlled bag advance roller system
- ★ PANASONIC LX all colour photoelectric sensor for registered mark
- ★ OMRON E5 P.I.D. temperature controller
- ★ Brass made sealing jaws with Teflon coating
- ★ Motor assist film unwind system
- ★ PANASONIC frequency drives for accuracy and low maintenance filling system
- ★ Fill volumes are adjusted by telescopic cups
- ★ Quick and easy to clean.
- ★ Safety guards.

Advantages G-300F

- ★ OMRON CP1 PLC control system
- ★ 7-inch OMRON colour touch screen
- ★ Multi-lingual operator interface with 24 product recipe
- ★ Step-motor controlled bag advance roller system
- ★ PANASONIC LX all colour photoelectric sensor for registered mark
- ★ OMRON E5 P.I.D. temperature controller
- ★ Brass made sealing jaws with Teflon coating
- ★ Motor assist film unwind system
- ★ SCHNEIDER 400W Servo-motor driven auger filler
- ★ Hopper agitator with various modes
- ★ Quick-release auger and hopper for changeover
- ★ Quick and easy to clean.
- ★ Safety guards.



(Top) G-300A equipped with cup filler for granular products



Options

- Stainless steel 304 construction
- Coding: Hot stamp ribbon
- Coding: Thermal transfer
- Dust extractor for powder filling
- Film static eliminator device
- Gas flushing device
- Hole punching device (euro-hole / round-hole)
- Takeaway conveyor INC52-C
- Special voltage



(Top) G-300F equipped with auger filler for powders

Technical Specifications

	Unit	G-300A	G-300F
bag style			pillow
mechanical max. cycle/min	cpm		50
production bags/min	bpm	20 - 50	20 - 40
packaging volume	ml		500
bag width	mm		50 - 150
bag length	mm		50 - 190
reel width max	mm		320
cutting style			serrated
machine weight	kg	250	270
machine dimensions	mm		L850 x D1080 x H1750
compressed air (ANR)	NI/min		75 at 0.5 MPa
power	kW	1.5	2.6
voltage		230VAC, 50/60Hz, 1-Ph	