

5 Series

■ Description

The 5-series vertical sachet form fill seal family is the undisputed best-selling sachet packaging machine product line of all time. It is used in a full range of services from very small quantity salt and pepper to instant oatmeal, on operations from contract packaging to multi-national consumer goods and a 24/7 non-stop coffee creamer, and on packaging film from 60 to 140 um with the most delicate material.

To ensure this true market leader keeps its competitive edge, we continue to invest into improvement across the product line, including development of the 5-series new machine control system, enhancements to compliance and adaptability, upgrades to the most user-friendly human machine

interface in its class, and extended service and commissioning.

By totally redefining the level of flexibility for managers and delivering unmatched efficiency for operators, the 5-series has won a majority market share in segments that range from fast-moving consumer goods to luxury product samples. It has also become a sachet packaging machine of choice for NGOs and government for relief operations.

To regularly enhance the 5-series' capabilities and performance, new improvements are made annually in keeping the vertical sachet FFS highly competitive and efficient.



■ Technical Specifications

	Unit	52 AG	52 AGX	52 LP	52 LM
<i>bag style</i>		sachet: 3 or 4-side seal			
<i>material to pack</i>		powder		liquid: viscous	liquid: non-viscous
<i>mechanical max. cycle/min</i>	cpm	43 / 54	35 / 43	43 / 54 / 72	
<i>production bags/min</i>	bpm	43 / 54	35 / 43	43 / 54 / 72	
<i>bag width</i>	mm	25 - 90	25 - 120	25 - 90	
<i>bag length</i>	mm	40 - 140			
<i>reel width max</i>	mm	180	240	180	
<i>cutting style</i>		support: straight, serrated and perforated			
<i>machine weight</i>	kg	235	240	230	205
<i>machine dimensions</i>	mm	L700 x D760 x H1700			
<i>power</i>	kW	2.0		1.5	1.6
<i>voltage</i>		220VAC, 50Hz, 1-Ph			



(Top) The stainless steel construction 5 Series Sachet FFS equipped with volumetric piston filler (left), volumetric turntable filler (middle), auger screw filler (right).

Advantages - 52s Sachet FFS

- ★ Titus III human interface with ES clean technology
- ★ 7-inch OMRON colour touch screen
- ★ OMRON PLC
- ★ PANASONIC LX photoelectric sensor
- ★ OMRON E5CN digital temperature controller
- ★ cam-assembly driven system - boost machine speed and stability
- ★ direct coupled step-motor bag advance system
- ★ rotary knife system with adjustable cutting angle
- ★ straight, serrated and perforated bag cut support
- ★ Teflon coated sealing jaws
- ★ variable speed controller for quick match on product flow

Technical Specifications

	Unit	52 GT	52 GTX	52 GTD	52 GSD
<i>bag style</i>		sachet: 3 or 4-side seal			
<i>material to pack</i>		granular			
<i>mechanical max. cycle/min</i>	cpm	54 / 72 / 108		54 / 72	
<i>production bags/min</i>	bpm	54 / 72 / 102	54 / 72	108 / 140	108 / 140
<i>bag width</i>	mm	25 - 90	25 - 120	25 - 45	
<i>bag length</i>	mm	40 - 140			
<i>reel width max</i>	mm	180	240	180	
<i>cutting style</i>		support: straight, serrated and perforated			
<i>machine weight</i>	kg	215	220	240	235
<i>machine dimensions</i>	mm	L700 x D760 x H1700			
<i>power</i>	kW	1.5		1.8	
<i>voltage</i>		220VAC, 50Hz, 1-Ph			

5 Series

Options - 52s Sachet FFS

- solid stainless steel 304 construction
- air expelling rollers (LP)
- batch output flap separator[#]
- chaplet device for chain bags
- coding: hot stamp ribbon
- coding: thermal transfer
- double jacket hopper upgrade (LP)
- draw off quarto-roller upgrade
- gas flushing device (AG, GT)
- hopper agitator upgrade (LP)
- pneumatic stop valve on spout[#] (LP)
- valve closer on auger spout[#] (AG)
- special voltage



Customised Filling System

Countless improvements have been made on the 5-series. Despite its small footprint and compact machine size, important development such as multiple filling stations

and adaptable to various filling systems have given it the razor-sharp edge that will amaze its user.



Multiple filling stations

(Top) the 5 series could integrate multiple filling stations to ensure specific dosing of each material.

Bowl feeder for gums

(Right) bowl feeder and counting device to fill chewing gums into sachets.



Turnkey solution

The right image consist of the following:

1. 5 Series Sachet FFS;
2. vibration feeder on mini platform;
3. INC132 incline conveyor.

