

6 Series

■ description

The 6-series is a continuous rotary motion form fill and seal machine which positions itself in between the 5-series and the S-series dedicated for liquid sachet in single or duplex lane model.

It can be integrated with centrifugal pump filler, volumetric piston filler, or magnetic gear filler for specific liquid filling application.

The three servo-motor controlled 6-series is optimised for higher-synchronisation and reliability. It also provides the full benefits of cooling system for transverse seal.

The film reel is mounted on the top of

the machine with our innovative film reel suspension, the dancer system ensures the film's tension and stability of the reel unwind. The film passes the in-feed system and enters the forming device which forms into a tubular shape. It is sealed at the side by the vertical seam rollers which also transport the film downwards with a constant force. The bag is sealed at the bottom by the transverse seam rollers and the product is filled into the bag through the forming tube and sealed at the top. A secondary transverse seam rollers cool and strengthen the seal. The rotary knife system cut off the tube into individual bags to complete the packaging process.



■ technical specifications

	Unit	65 LC	65 LM	65 LP
<i>bag style</i>			sachet: 3 or 4-side seal	
<i>material to pack</i>			liquid	
<i>mechanical max. cycle/min</i>	cpm		50	
<i>production bags/min</i>	bpm	45		40
<i>bag width</i>	mm		50 - 140	
<i>bag length</i>	mm		50 - 250	
<i>reel width max</i>	mm		350	
<i>cutting style</i>			support: straight, serrated and perforated	
<i>machine weight</i>	kg		620	
<i>machine dimensions</i>	mm		L1400 x D1000 x H1700	
<i>power</i>	kW		5.5	
<i>voltage</i>			220VAC, 50Hz, 1-Ph	

advantages

- ★ 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
- ★ MITSUBISHI servo-motor and drive
- ★ rotary knife and anvil driven by servo-motor
- ★ solid stainless steel 304 construction
- ★ transverse seal system driven by servo-motor
- ★ transverse cooling system (2nd press) driven by servo-motor
- ★ vertical seal system driven by servo-motor



(Above) The 6 Series Sachet FFS, single lane model 65-LC.

options

- batch output flap separator[#]
- chaplet device for chain bags
- coding: embossed
- coding: hot stamp ribbon
- coding: thermal transfer
- double jacket hopper upgrade (LP)
- pneumatic stop valve on spout[#] (LP)
- film static eliminator device
- gas flushing device
- hole punching device
- hopper agitator upgrade (LP)
- special voltage

technical specifications

	Unit	65 LCD	65 LMD	65 LPD
<i>bag style</i>			sachet: 4-side seal	
<i>material to pack</i>			liquid	
<i>mechanical max. cycle/min</i>	cpm		50	
<i>production bags/min</i>	bpm	90		80
<i>bag width</i>	mm		40 - 85	
<i>bag length</i>	mm		50 - 250	
<i>reel width max</i>	mm		350	
<i>cutting style</i>			support: straight, serrated and perforated	
<i>machine weight</i>	kg		650	
<i>machine dimensions</i>	mm		L1400 x D1000 x H1700	
<i>power</i>	kW		5.5	
<i>voltage</i>			220VAC, 50Hz, 1-Ph	