

# R Series

## Description

The R-series vertical stick-pack form fill seal family is an reciprocating jaw system that provides smooth and consistent pull on every bag. It is servo-motor driven, has a ball-screw regulate design and utilizes 'natural forming' system.

It was introduced as a premium stick-pack FFS with superior sealing pattern on all sealing edges than the 55s stick-pack FFS. The R-series provided good filling outcome with its completely vertical filling tube, whereas materials are filled directly into the bag.

The R-series come in two classes. The single lane model R95 and the multi-lane

model R601. Earlier models were powered by A.C. motor swing arm reciprocating jaw system, which is now replaced with servo-motor drive.

The most common type were the R95-AG for single lane powder stick-pack and R601-GS-6, a 6 liner for granular, specially sugar stick-pack.

The R-series is designed to be efficient on large volume production but also for small private labels. The batch output flap separator provides the flexibility to adapt to different market need.



(Above) The R95-AG Vertical Stick-pack FFS with Auger Filler

## Technical Specifications

	Unit	R 95	R 95 D
<i>bag style</i>			stick-pack
<i>number of lanes</i>		1	2
<i>mechanical max. cycle/min</i>	cpm	60	60
<i>production bags/min</i>	bpm	50	100
<i>bag width</i>	mm	20 - 40	
<i>bag length</i>	mm	40 - 180	
<i>reel width max</i>	mm	100	
<i>cutting style</i>		support: straight or serrated	
<i>machine weight</i>	kg	270	360
<i>machine dimensions</i>	mm	L710 x D970 x H1750	L1050 x D970 x H1750
<i>compressed air (ANR)</i>	NI/min	100 at 0.5 MPa	120 at 0.5 MPa
<i>power</i>	kW	2.0	2.5
<i>voltage</i>		230VAC, 50Hz, 1-Ph	

## Advantages

- \* Titus III human interface
  - \* 7-inch OMRON colour touch screen
  - \* OMRON PLC
  - \* PANASONIC LX photoelectric sensor
  - \* OMRON E5CC digital temperature controller
  - \* film splicing table with lock-and-release
  - \* film web centring adjustment
  - \* film web slitting by active rotary cutter
- system<sup>#R601</sup>
  - \* knife and anvil embedded on transverse jaws<sup>^serrated cut</sup>
  - \* knife uses cross cut action, independently of the jaws<sup>^straight cut</sup>
  - \* reciprocating jaw system by servo-motor
  - \* solid stainless steel 304 construction
  - \* Teflon coated brass made sealing jaws

## Options

- batch output flap separator<sup>#</sup>
- coding: hot stamp ribbon
- coding: thermal transfer
- film centring auto-correction device
- film static eliminator device
- gas flushing device
- hole punching device
- special voltage



(Top) The R601 Vertical Stick-pack FFS

## Technical Specifications

	Unit	R 601				
<i>bag style</i>		stick-pack				
<i>number of lanes</i>		4	5	6	7	8
<i>mechanical max. cycle/min</i>	cpm	60				
<i>production bags/min</i>	bpm	200	250	300	350	400
<i>bag width</i>	mm	40	33 - 40	27 - 33	23 - 27	12 - 23
<i>bag length</i>	mm	180				
<i>reel width max</i>	mm	500				
<i>cutting style</i>		support: straight or serrated				
<i>machine weight</i>	kg	390				
<i>machine dimensions</i>	mm	L1290 x D1500 x H1650				
<i>compressed air (ANR)</i>	NI/min	150 at 0.5 MPa				
<i>power</i>	kW	3.0				
<i>voltage</i>		400VAC, 50Hz, 3-Ph				