



Ultrahigh-Speed Three-Side-Seal Pouch Forming, Filling and Packaging Machines

# RF-series C-type

## NEW MODEL

**Ideal for packaging  
noodle soup, chili powder,  
seasoning, ingredients,  
etc.**



### Application examples

- Noodle soup
- Chili powder
- Bouillon powder
- Powdered soup
- Seasoning
- Ingredients
- Desiccants
- Oxygen absorbers
- Food additives and others



The photo shows the RF-52C model.



The photo shows the RF-66 model.

\* The photo shows a system equipped with options.

### Main specifications of RF-series

Model <sup>2</sup>	RF-35C	RF-36C	RF-51C	RF-52C	RF-57WC	RF-58WC	RF-66
Print registration control	None	Provided	None	Provided	None	Provided	Provided
Drive method	Gear motor drive						Servomotor drive
Filling capacity <sup>1</sup>	0.5-20cc			0.5-50cc			
Packaging speed <sup>1</sup>	300 to 400 pouches/min. (film speed: approx. 28m/min.)		300 to 600 pouches/min. (film speed: approx. 42m/min.)		350 to 690 pouches/min. (film speed: approx. 48m/min.)		400 to 800 pouches/min. (film speed: approx. 55m/min.)
Pouch size	Width: 30 to 90mm (specified) Length: 40 to 90mm (specified)		Width: 30 to 110mm (specified) Length: 40 to 125mm (specified)				
Machine dimensions	1,600(W)×870(D)×2,010(H)mm				2,400(W)×1,000(D)×2,200(H)mm		2,000(W)×1,200(D)×2,010(H)mm
Machine weight	Approx. 1,500kg		Approx. 1,700kg		Approx. 2,500kg		Approx. 3,000kg
Power consumption	Approx. 5 to 7kW		Approx. 6 to 8kW		Approx. 7 to 9kW		
Compressed air consumption	Approx. 0.5Mpa-50 liter/min (ANR)				Approx. 0.5Mpa-100 liter/min (ANR)		
Power source	200V-3-phase-50/60Hz						

<sup>1</sup> Specifications vary depending on the filling product, packaging material and pouch size.

<sup>2</sup> The RF-series C-type machine is not equipped with a cutter device.

### Standard equipment

- Touch-panel
- Automatic film splicer
- Film end detector
- Joined tape detector
- Empty pouch detector
- Preheating bar open-status detector
- Heater disconnection detector
- Automatic preheating bar operating system
- Overload detector
- Safety cover
- Hopper level sensor

### Optional equipment

- Dust collector
- Tear cutting unit
- Adjustable volumetric controller
- Static elimination unit
- Data collection system
- Electric oiling device

### Film material and dimensions

- Heat-sealable laminated film
- Outer diameter of film roll: 400 mm or less, diameter of core paper roll: 76 mm

### Wide variety of products available

TOPACK also manufactures numerous other mechanisms, including large-pouch packaging machines, multi-product packaging machines, vibration-feeder-equipped machines, and twin packaging machines

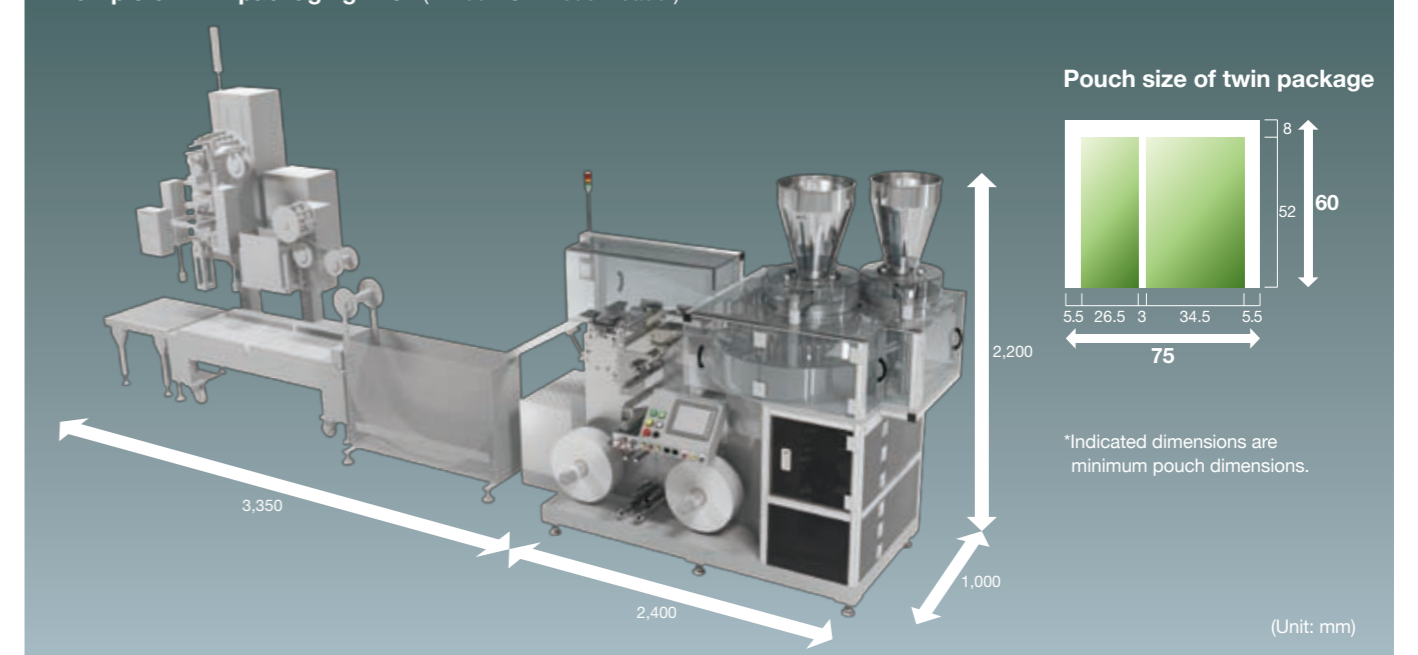
### Typical line configuration

Continuous pouch loader/continuous pouch winder/stacker+pre-made outer pouch packaging machine/stacker+horizontal pillow packaging machine/stacker+cartoning machine/stacker+banding machine  
Various other configurations are also supported.

### Twin-packaging system suitable for a noodle soup manufacturing line

The RF-57WC and 58WC are twin-packaging machines. The twin-packaging system is capable of filling two separated pouches with different packaging materials (such as seasoning/soup powder and ingredients). This helps make production of noodle soup and similar products more efficient.

#### Example of twin-packaging line (RF-58WC + Pouch loader)



\* This catalog lists standard specifications. Due to improvements in the equipment, specifications are subject to change without notice.



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# RF-series C-type

## State-of-the-Art High-speed Three-Side-Seal Pouch Forming, Filling and Packaging Machines

The RF-series models have been developed by upgrading the popular R-series. They offer the same great performance, but in a smaller, simpler, less expensive machine.

### Modular design for flexible system configuration

TOPACK has developed a breakthrough packaging solution based on a modular design concept. Now, the packaging machine can be combined with downstream processing units in flexible packaging line systems that can be figured to meet specific needs.

The RF-series represents an upgrade to the R-series and allows combination with a variety of processing units in configuring diverse systems.

#### ▶ Example of processing unit connection

##### Multiple-material mixing unit

Feed chutes located on the outside of the rotary disc allow mixing of a variety materials. The parts feeder (vibration-driven feeding equipment) continuously supplies a constant amount of ingredients. The unit can also add powder to ingredients for packaging.



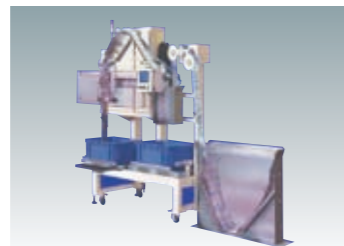
##### Measuring unit

An impeller agitates the packaging material in the hopper, and the pipe feeder sends it into the bucket. Next, a load cell does the weighing, ensuring high accuracy in the amount of packaging material used.



##### Continuous pouching unit

Pouches are produced uncut from the packaging machine and sent on to a cartoning, winding, or cutting machine.



RF-52C

### New preheating bar with pressure adjustment function

(patent pending)

The preheating bar operates pneumatically. The bar pressure applied onto the film can be adjusted.

### Die-roll adjustment control on machine front side

(patented)

The vertical position and angle of the die-roll can be finely adjusted from the front side of the machine, improving the machine's overall operability.

### Oiling device

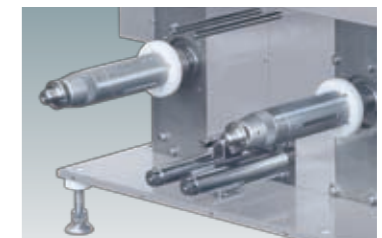
The machine incorporates an oiling device that supplies oil to the entire rotary bushing using oil cups for easier maintenance. The electric oiling device is available as an option.

### New automatic film splicer

This device uses vacuum suction for to set film without the debris created by punching.

### Air shafts come standard

Air shafts come as a standard feature. They make film replacement easier.



Air shafts

### Large 8-inch touch-panel

Touch-panel control enables easy and accurate temperature adjustment and numeric input for setting parameters.



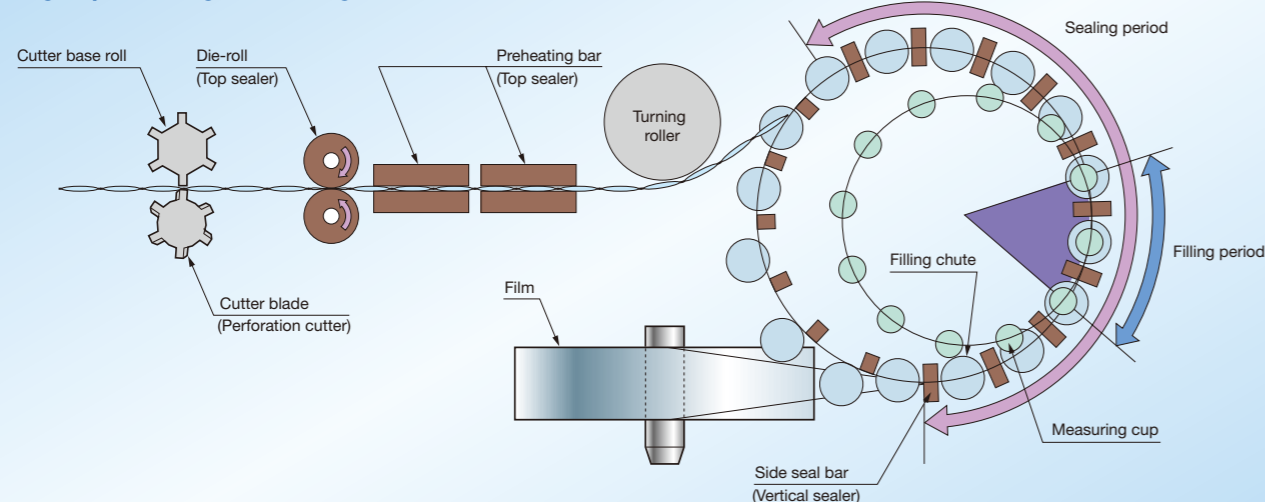
Temperature control screen

### Stainless steel cover comes standard

### Improved operability and workability

By rethinking the entire machine from the design stage, TOPACK has made many improvements in operability. For example, the new series uses a carriage for film loading and incorporates a touch-panel. The machine is lower and smaller than the previous series. Its new cover offers higher visibility for easier operation, while the inspection window is designed to facilitate cleaning. A rotary disc removing lift is an available option.

### High-speed filling and sealing mechanisms



### Digital print registration system (patented)



- Easy control with the touch-panel screen
- All control information is displayed onscreen on the touch-panel for real-time confirmation of numeric data.
- Changing the photo mark position is easy. Just enter the values for a new seal position.
- If pitch control fails, the machine numerically indicates the necessary seal bar adjustment (in, out).
- Data profiles can be stored for up to eight different products.