

Automatic liquid and paste packaging machine

High Grade Model

ZERO1SERIES

The wide variation of this series from high-speed type of 500 bags per minute to large-bag type of 400 cc will satisfy the use's needs.

ZERO1-VS
:High speed type

Used for packaging

Horseradish, mustard, sause for "natto", "miso", Chinese noodle soup, etc.



ZERO1-V
:Big bags

Used for packaging

Soup for noodle, straight soup, etc. up to 400 cc



ZERO1-VS/ZERO1-V

Standard configuration	<ul style="list-style-type: none"> • Operation panel: touch panel type (colored) • Photocell type pattern matching device • Film joint detector • Film end stop device • Heater for second horizontal sealing roll • Packaging film braking unit • I-notching device • Cutter device • Packaging film shaft forward-backward moving device (operated by operation panel) • Air expelling roll • Safety devices (Interlocks for safety) • Product carry-out guide • Packaging film pull-out roll (non-slip type) • Universal bag guide
Items whose data are stored in the memory	<p>1. Bag length 2. Packaging speed 3. Sealing temperature 4. Sealing pressure 5. Volume to be sealed in (Number of revolutions) Patent No. 62134 6. Marking position 7. Marking ON/OFF 8. Cutting position 9. Position of perforation 10. Position of I notch 11. Number of run of products in one cut 12. Position of printing 13. Timing of various operations, and other 30 items in total.</p>
Options	<ul style="list-style-type: none"> • Perforation device • Packaging material shortage warning device • Packaging material section cover • Automatic removal device (At the starting time) • Preset number divider • Preset number shutter • Vertical sealing pre-heater • Vertical 4-side sealing • Vertical paired sealing • Replaceable horizontal sealing bar type • Bottle shape sealing device • Stamping device • Both sides notching device • Remaining packaging material indicator • Leakage detector • Jammed horizontal seal detector • Nozzle cooling device • Rotary disk device for powder (for pair packaging) • Vertical slitter • Vertical perforation device • Calendar timer • Hot printer • Thermal printer • Ink jet printer • Hot roll printer • Mono-pump • Rotary pump • Cascade pump • Hyper pump • High-speed intermittent pump (servo-type) • Agitator • Packaging material UV sterilizing device (Effective up to 10 m/min) • Clean booth • Packaging film wobble corrector • Warning light • Mine frame • Cooling blower • Air compressor • Air dryer • Centralized monitoring system
Features	<ul style="list-style-type: none"> ◆ All packaging data of each type of products can be stored in memory, and so repeated production can be carried out under the same conditions. ◆ Any adjustment can be carried out without using a tool, and so the operation and maintenance are easy (excepting the cutter section). ◆ Packaging film is pulled out using non-slip roll, and so mismatch of marking is very little. (Only ±1mm according to actual measurement by this company.) ◆ A heater is built in the second horizontal sealing roll, therefore material that is prone to generate bubbles such as oil and vinegar can be sealed in steadily. ◆ In compliance with HACCP, data control by your personal computer is possible by use of the centralized monitoring system (Option).

■ Specifications

Model	ZERO1-VS	ZERO1-V
Bag length	30 to 120 mm	30 to 60 mm, 30 to 80 mm, 40 to 105 mm, 50 to 145 mm, 60 to 200mm, 90 to 300mm
Film width	60 to 120 mm	60 to 300 mm (300 mm is a 4-side sealing type)
Packaging speed (*1)	500 bags/min.	60 to 600 bags/min.
Packing volume (*2)	100 cc	1 to 500 cc
Diameter of packaging film	φ 450 mm	φ 450 mm
Dimensions	1,260 (W) × 790 (D) × 2,050 (H) mm	1,355 (W) × 950 (D) × 2,140 (H) mm
Weight	1,000 kg	1,000 kg
Power supply	3-phase, 200 VAC, 50/60 Hz (7.5 kW at peak, 4.0 kW on the average)	3-phase, 200 VAC, 50/60 Hz (7.5 kW at peak, 4.0 kW on the average)
Air consumption	0.5 MPa, 150 NL/min.	0.5 MPa, 150 NL/min.

* 1: Actual packaging speed varies depending on the packaging film, and quantity and property of material to be sealed in. * 2: The range of quantity of material to be sealed in varies depending on delivery of the pump.