

VC999 K6A 2CV

Packaging of entire cheese loaves with cheese rind with double-stage vacuum

Cheese loaves with entire cheese rind can not be packed with the traditional vacuum packaging technology. The air locked in the cheese can not escape through the impermeable cheese rind. The loaf is swelling, ruptures are developing inside. When cutting or portioning the cheese the ruptures become visible and the cheese might fall apart.

VC999 Packaging Systems created a special design of the vacuum chamber machine VC999 K6A. With the VC999 K6A 2CV cheese loaves with entire cheese rind can be vacuum packed in pouches or shrink bags.



The chamber machine K6A was modified and equipped with a vacuum snorkel / double-stage vacuum. The K6A 2CV is equipped with three sucking nozzles / snorkels. Two are located in front and one lateral. This layout is very suitable for individual packaging sizes. In order to evacuate, the open bag has to be laid around at least one of the three snorkels. The double-stage vacuum system will then be activated by use of white push buttons at the corresponding sucking nozzle.

The evacuation process has two steps. First the air of the large machine chamber will be evacuated according to a vacuum value set before (individually adjustable setpoint). Then the air inside the bag (little chamber) will be evacuated to the vacuum value set before, through snorkel. Afterwards the bag is sealed. Thanks to the pressure and counter pressure the loaf does not swell and ruptures will be prevented. The cut surface is thus intact.

The VC999 K6A 2CV is equipped with a roller track and an additional filler plate. Both round and angular shaped cheese loaves can be packaged with the VC999 K6A 2CV as well as other vacuum sensitive products with entrapped air e.g. terrines, pastries and meat loaves.

Special features of the VC999 K6A 2CV

- Double sealing and trimming of bag overhang
- VC999 evacuation with 2 individually programmable setpoints (for chamber vacuum and sucking nozzles resp. vacuum in the bag) for optimal quality protection
- Microprocessor control facilitates programming and guide the operator
- Lid with sealing and trimming bars plus binders
- 2 exhaust nozzles at front and 1 lateral to be activated, suitable for individual packaging sizes
- Prolongation of evacuation time for snorkels
- Soft air ventilation
- GS approved hand protection and connecting block
- Housing in stainless materials

Technical Data

Outside dimensions of machine (w x h x d)	1090 x 1082 x 1016 mm
Inside dimensions per chamber (w x h x d)	1045 x 210 x 605 mm
Number of sealing bars per chamber	2
Sealing bars length	1 x 940 mm in front 1 x 500 mm right
Power connection	400 V/3/50 Hz/ 25 AT
Compressed air connection	5 – 8 bar, Di 9mm
Vacuum pump	150 m ³ /h
Maximum vacuum	1 mbar, 99.9%
Vacuum setpoint chamber	400 - 999
Vacuum setpoint snorkel (in bag)	400 - 999
Vacuum expiring time snorkel (in bag)	0 - 20 s
Soft-air pre-ventilation	standard
Double sealing	standard
Automatic chamber closing	standard
Cycles/min. per chamber	1 - 2
Gas flushing MAP	not available
Roller track with additional filler plate	standard

Technical changes reserved.

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