

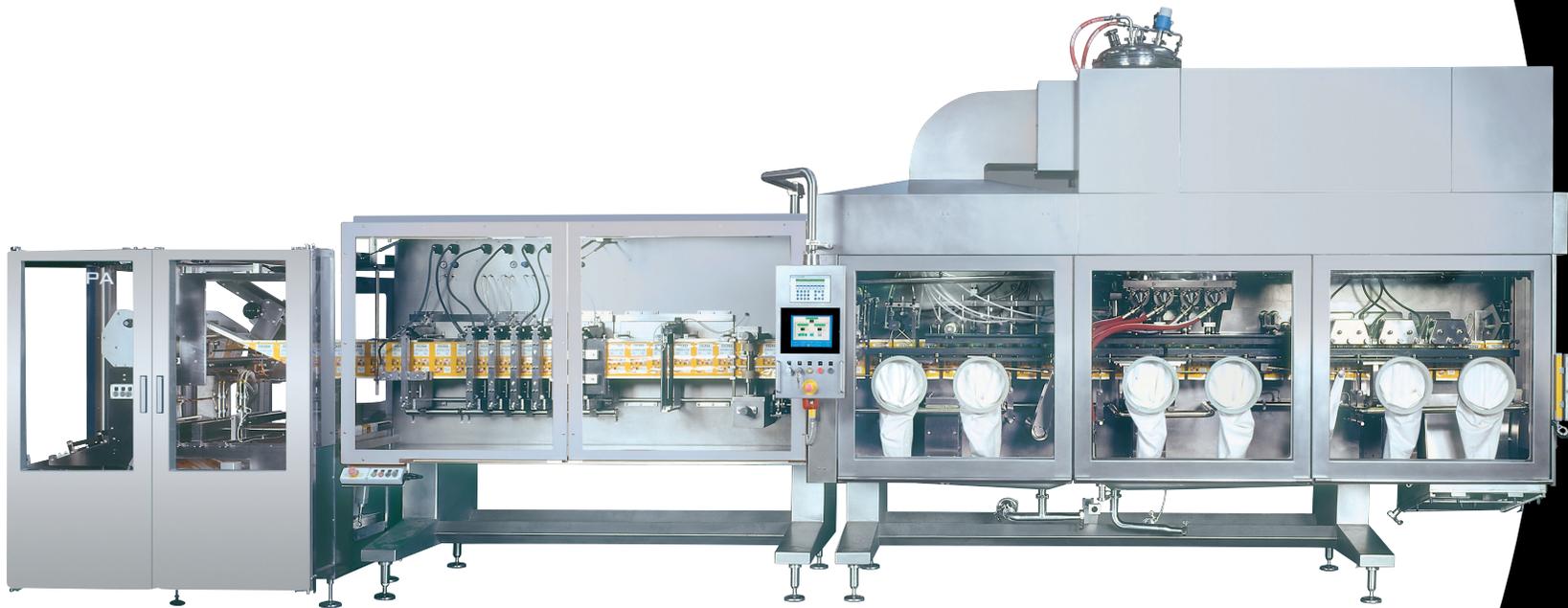
Aseptic machine

The Aseptic machine suitable for pre-sterilized products that are packed under sterile conditions, in a sterilized packaging material, achieving the maximum shelf life stability of the product.

Volpak developed an Aseptic concept which is based on the principle to decontaminate the formed packaging by a vaporised H₂O₂ solution in and outside the pouch. By sterilizing the formed pouch we limit the aseptic area to a minimum; the smaller, the better it's to control.

The sanitation and sterilisation of the dosing system and Aseptic chamber can take place fully automatically.

Aseptic equipment is required for PH neutral products that are kept under ambient conditions for a long period.



Make it aseptic:

The pouch once formed is decontaminated by means of vaporized H₂O₂ blown in and outside the pouch.

By sterilizing the formed pouch we limit the aseptic area to the sterilization and the filling chamber, the minimum area required to work aseptically optimising the control and the performance of the machine.

Laminar flow and air recirculation equipment combined with a precise system of pressures throughout the different stations of the machine ensures no crossed contamination.



1

Unwinder

Protected, depending on configuration it can equip a deionizer with absorption to minimize dust from the material, a high efficiency UV rays panel or a closed chamber for the treatment of the packaging material with non condensed peroxide in gas form.



2

Pouch sterilization chamber

Each individual pouch is decontaminated, inside and outside, with non condensed vaporized H₂O₂. Prior entering into the filling chamber the peroxide is blown away from the pouch with sterile hot air.



3

Filling chamber

Chamber where the pouches are filled, capped (option) and top sealed. The sanitation and sterilization of the dosing system takes place automatically.

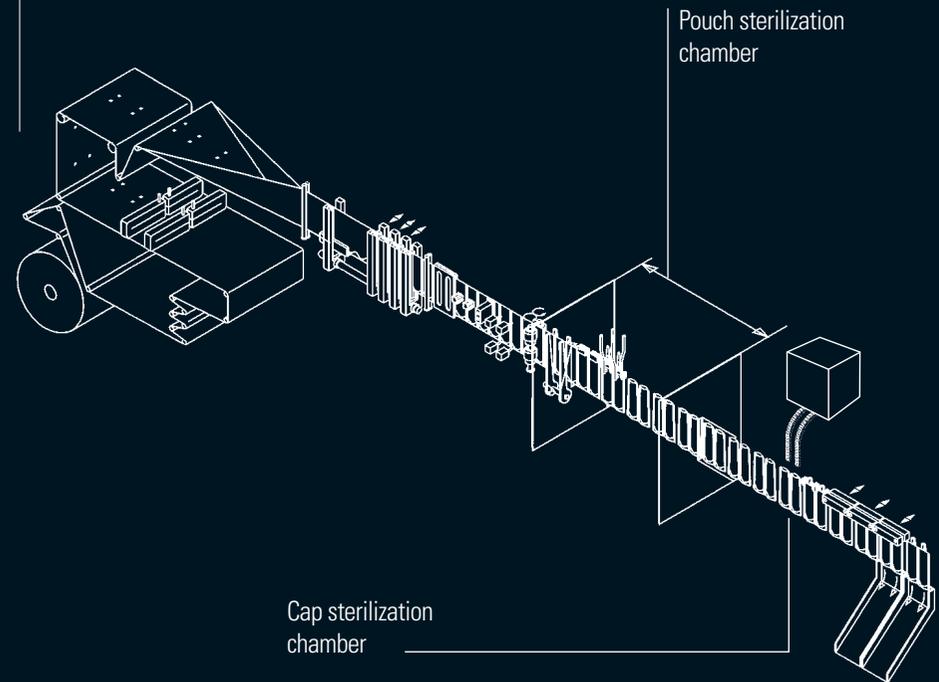


4

Top cap fitment with sterilization

Cap applicator of specific hygienic design with sterilization chamber by means of vaporized H₂O₂.

Operating diagram



VOLPAK HEADQUARTERS
Pol. Ind. Can Vinyalets c/ Can Vinyalets, 4
E-08130 Santa Perpètua (Barcelona), Spain
Tel. +34 93 544 67 00 Fax. +34 93 574 11 36
E-mail: main@acmavolpak.com
www.acmavolpak.com



Technical characteristics

		SIMPLEX	DUPLEX	TRIPLEX
POUCH FORMAT (W x H x G)	MIN (mm)	110 x 110 x 30	85 x 110 x 30	
	MAX (mm)	260 x 310 x 125	130 x 310 x 70	85 x 310 x 70
OUTPUT (pouches / min)	Up to	80	160	220
MACHINE DIMENTIONS	(mm; L x A x H)	10500 x 2000 x 4550		

