

*Milk!*



**KOSME**

003

DECLARATION OF AUTHENTICITY No

This is to certify that

*Milk!*

has been signed by my hand and therefore is  
to be considered as an authentic work of art  
for all intents and purposes

Signature

**KOSME**

## **BLOWING**

Bottling volume from 0,15 lt. up to 30,0 lt.

Reduced installation time with plug & play system

Pathway created to easily access the carousel, the oven and the media wall

Short changeover time due to quick change system for preform handling and molds

Servo driven moulds closing and opening system on XRG

Preforms Heating Oven and Rotary Carousel are installed on a Single Platform

Low energy consumption due to the new design of the heating module and to the extended usage of servo motors

Available: dedusting unit for preforms & UV sterilization for bottle necks

## **FILLING**

Reliable filling process without foam

Specifically developed for milk and dairy products in cold chain

Maximum hygienic design, part in contact with the product in AISI 316L

Sloped table to avoid any accumulation of liquids

No chemical disinfection approach for Extended Shelf Life applications

External automatic cleaning availability

Controlled environment by use of laminar flows (up to ISO 5 air quality)

Long term experience in flavour/aroma change-over

All filling recipes available on the HMI set up product/format

Available inspection and rejection of filled container



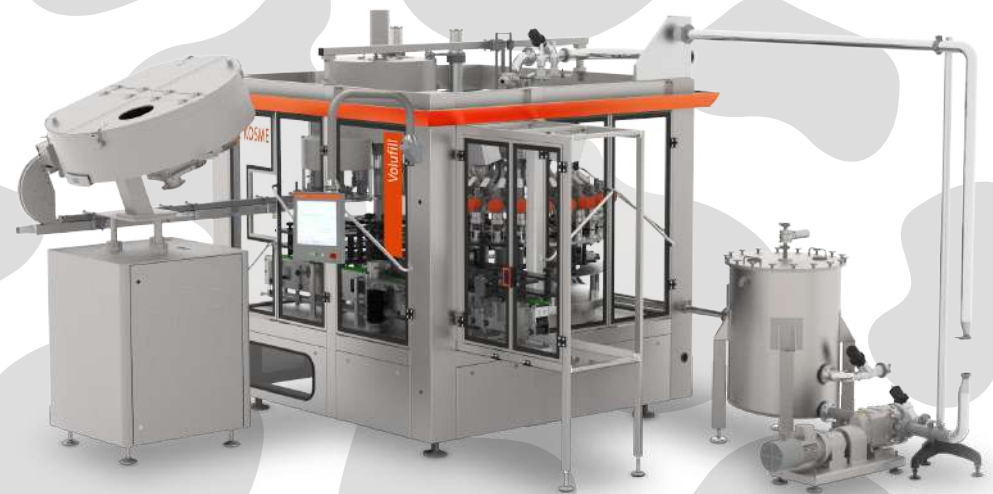
### **Synchrobloc**

Reduced footprint and operation costs

Water and energy saving

Shorter changeover time and quicker maintenance

Only one operator required



### **Volufill**

## LABELLING

FLEXA shape provides adaptability for present and future requirements  
Ergonomic design allows easy access to all machine areas  
Totally flexible labelling solutions.  
Smart bottle orientation systems  
User friendly 18" HMI with enhanced troubleshooting capability  
Compact footprint with on board electrical cabinet  
Proprietary quality control systems fully integrated into Kosme HMI  
Simple integration with existing machines, lines, and line monitoring systems



**Flexa Plus Sensicol**  
Self-Adhesive



**Flexa Plus Modular**  
Combines different exchangeable and adjustable labelling technologies with cold glue, adhesive and hot melt units



**Kosme Reel**  
Roll fed technology  
Exact container positioning by means of centring bell and centring plate  
Servo-controlled container plates for specially-shaped containers in the higher output range  
Hotmelt gluing unit with steel glue roller and adjustable glue scraper  
Operation with quick access to the user interface thanks to of individual transponders

## PALLETISING

Twin-column construction for robust and consistent palletising head movement  
Automatic layer compacting arms incorporated within the palletising head  
Easy creation of new layer patterns and formats on the machine HMI  
Controlled dynamic layer formation with pack manipulation belts



## DEPALLETISING

Twin-column design for robust and consistent pallet control  
Double centering gripping head  
Integrated top frame, interlayer and pallet removal solutions  
Totally flexible for installation within an existing line  
Fully automatic full pallet loading and empty pallet take out  
Container conveyor table constructed from hygienic stainless steel



*Highly customizable solutions*  
*Totally flexible for installation within an existing line*  
*Adjustable handling parts for rapid format changeover*  
*Flexible design for simple line integration*  
*Energy efficient design*  
*Engineered with machinery footprint and operator safety in mind*  
*Wide range of conventional and robotic solutions available*



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