



## **I 00 series**

aseptic and ultra-clean  
in-line machines for filling  
and closing pre-formed containers

# 100 Series – Safe and Reliable ASEPTIC Choice

## Efficiency

Trepko's 100 Series provides tailor made and reliable solutions for the filling and closing of pre-formed containers. The rigid and proven mechanical design of the 100 Series enables speeds of up to 50 strokes per minute and built in a format of up to 16 lanes. Double indexing systems are available which allows for either a fast format changeover or a doubling of the machine output. This equates to a production capacity range from 3,000 up to 70,000 containers per hour.

## Flexibility

Inline and highly developed modular design principles ensure that the flexibility of the 100 Series caters for the most complex customer needs.

As standard this series is equipped with a servo drive for the dosing system and a mechanical main drive for all vertical movements. The servo driven dosing system enables automatic adjustment of all dosing profiles thus ensuring that the machine is optimised for each individual product, enabling drip and splash free filling of all product viscosities.

Thorough consideration has gone into ensuring that the 100 Series achieve a high degree of flexibility for changing between different cup shapes and formats. With the standard 100 Series, the change between different cup heights is achieved in five minutes, while the change between different upper cup dimensions is achieved in thirty minutes. These extremely quick changeover times are achievable without the use of tools. For frequent container changeovers, the Ultra Flex system is available allowing a complete changeover in eight minutes simply by the push of a button.

## Hygiene

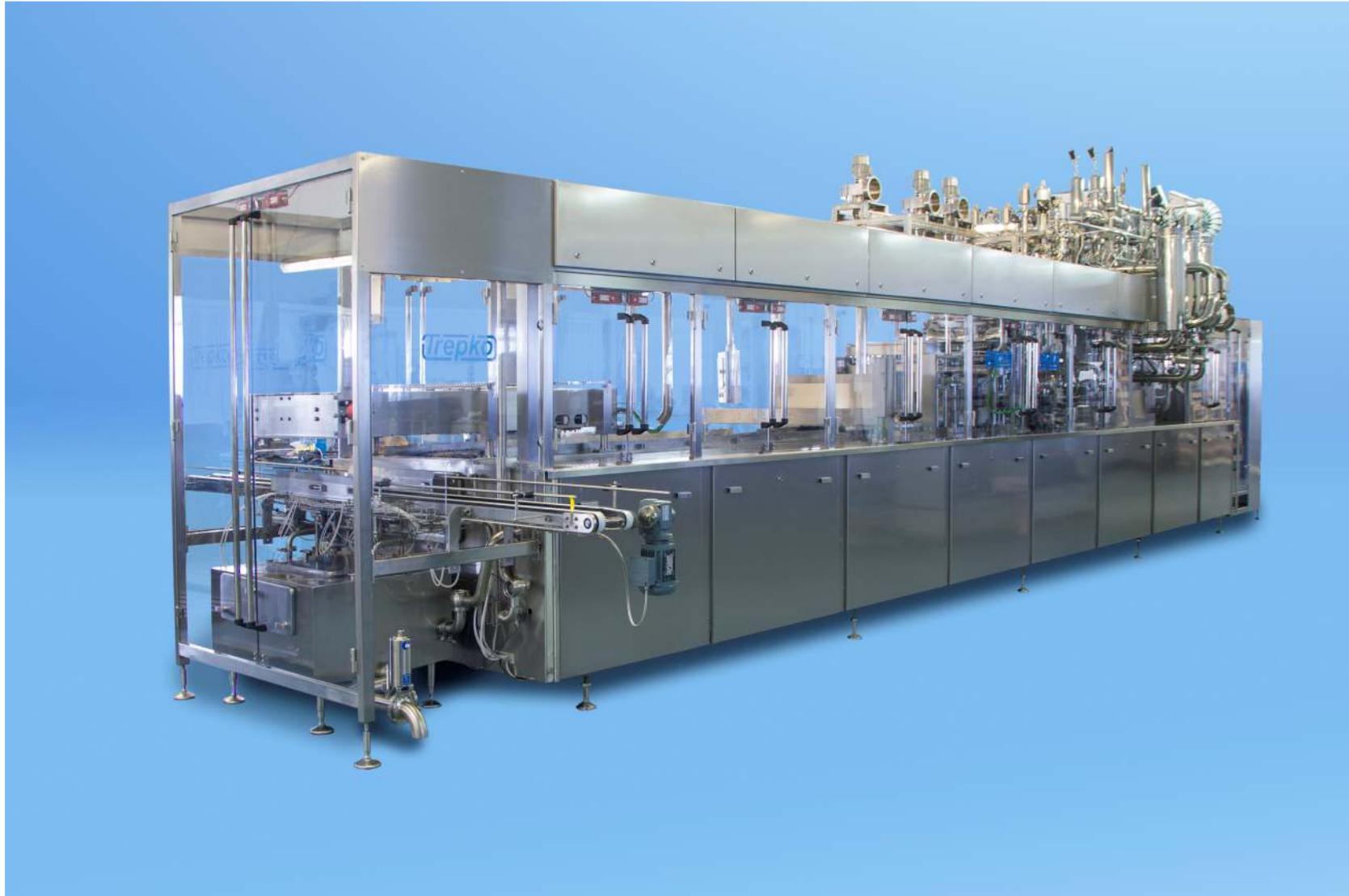
All machines within the 100 Series meet the most stringent hygiene standards required within the food industry. Their robust construction guarantees a long machine life within the most severe production environments. The machines can be designed with three different grades of hygiene; the standard version offers excellent levels with the machine frame, covers, product piping and dosing system components manufactured in stainless steel. Two higher levels of hygienic design are available - Ultra Clean and ASEPTIC.

## Ease of Operation

All machines are equipped with a 10" touch screen panel from which all functions and settings can be managed. Utilising highly developed control software this first-class, user friendly HMI system allows all settings to be adjusted through individually stored product and packaging recipes.

## End of Line Solutions (700 Series)

Trepko offers a comprehensive range of end of line solutions including pick and place systems and wrap around case packers which can be fully integrated with the 100 Series.



pick & place station



pick & place station



seal check



ergonomic cup stack feeding magazine



chemical sterilisation of cups



main dosing



lids sterilisation



DUO CYL heat-sealing



**SAFE AND RELIABLE ASEPTIC FILLING AND PACKAGING**

	Standard	Ultra Flex	UltraClean	Aseptic
<b>HYGIENE FEATURES</b>				
Stainless steel frame and covers	S	S	S	S
Acid proof stainless steel dosing system and piping	S	S	S	S
Laminar flow cabin	O	O	N/A	N/A
Pressurised flow cabin with SIP of filters	O	O	S	S
Sterile overpressure in hopper	O	O	S	S
Aseptic Valves	O	O	O	S
CIP/SIP of product piping and doser	O	O	S	S
CIP/SIP of cabin	O	O	S	S
UV radiation of cups	O	O	O	O
UV radiation of lids for sealing	O	O	S	O
Chemical sterilisation of cups	O	O	S	S
Chemical sterilisation of lids for sealing	O	O	O	S
Chemical sterilisation of cassettes	O	O	O	S
Gas Flush and or Vacuum heat Sealing	O	O	O	O
<b>EFFICIENCY FEATURES</b>				
Cup/lid stack feeding magazines (standard)	O	O	O	O
Cup/lid stack feeding magazines (ergonomic)	O	O	O	O
Foil sledge stacking magazine	O	O	O	O
Automatic Volume adjustment	S	S	S	S
Automatic Weight adjustment	O	O	O	O
Automatic adjustment for cup height	O	S	O	O
Automatic adjustment for upper cup dimensions	O	S	O	O
Automatic cassette tower	O	S	O	O
Servo dosing system	S	S	S	S
<b>CLOSING FEATURES</b>				
Heat-sealed die-cut foil/alu (DUO CYL)	O	O	O	O
Sealing and cutting of foil from reel	O	O	O	O
Cover lid application	O	O	O	O
<b>DOSING &amp; PRODUCT IN-FEED FEATURES</b>				
Pre or post dosing	O	O	O	O
Dry filling	O	O	O	O
Hot fill	S	S	S	S
Compensator with rework or PID	O	O	O	O
Scroll chute	O	O	O	O
Horizontal or vertical hoppers	O	O	O	O
Horizontal or vertical agitators	O	O	O	O
<b>OTHER FEATURES</b>				
Date marking systems	O	O	O	O
Telephone modem	O	O	O	O
Touch screen panel for HMI	S	S	S	S
Central Lubrication	S	S	S	S
Pick & place	O	O	O	O
Tray erector (700 Series)	O	O	O	O
Shrink tunnel (700 Series)	O	O	O	O

S – standard, O – optional, N/A – not applicable



Worldwide supplier   
of filling/packaging machines



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