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Used aseptic filling line Tetra Pak A3 FLEX 1000SQ 7000 l/h

Machine type:	Complete Bottling Line
Ref:	LC555
Speed:	7000 Liters/hour
Condition:	Under Maintenance
Formats:	1 L
Products:	Dairy, Juice

Technical details

Fill type:	Aseptic	Safety features:	Yes
Manuals:	No		

Description

Used aseptic filling line Tetra Pak A3 FLEX 1000SQ 7000 l/h

General description of the line

The Used aseptic filling line Tetra Pak A3 FLEX 1000SQ 7000 l/h provides an industrial configuration specifically designed for the sterile filling of liquid food products. It particularly suits sensitive items such as UHT milk and fruit juices, which require controlled processing environments. Moreover, the system operates with 1-liter square containers and reaches a production capacity of 7,000 liters per hour. As a result, it ensures high microbiological quality standards. In this configuration, each machine plays a critical role in maintaining aseptic conditions from filling to final packaging.

Aseptic filler Tetra Pak A3 FLEX

At the heart of the Used aseptic filling line Tetra Pak A3 FLEX 1000SQ 7000 l/h, the Tetra Pak A3 FLEX filler (version 100V), manufactured in 2004, performs aseptic filling using an integrated sterilization system, microbial barrier, and precise dosing mechanisms. Consequently, it processes pasteurized or sterilized products intended for extended shelf life and keeps them intact without requiring refrigeration. Furthermore, the filler maintains a sterile environment throughout the entire cycle. In addition, it ensures consistent product dosing and eliminates variability in filling performance. As a result, manufacturers can rely on this equipment to meet strict food safety requirements.

Aseptic capper Tetra Pak TCA88

The line also includes the Tetra Pak TCA88 capper, built in 2006. This module applies plastic caps to filled containers using induction or mechanical systems that ensure hermetic sealing in an aseptic environment. Moreover, the capper synchronizes precisely with the filler to ensure uninterrupted operation. In contrast to conventional systems, this

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integration significantly reduces the risk of contamination after filling. In the same way, the TCA88 includes built-in quality control functions that verify each cap's position and torque. Meanwhile, Tetra Pak designed the unit with safety features such as interlocked guards and error monitoring systems, ensuring full compliance with industry standards.

Cardboard packer TCBP70 in this used aseptic filling line Tetra Pak

The Tetra Pak TCBP70 packer, manufactured in 2007, manages secondary packaging. This automatic system forms and fills corrugated cartons using wrap-around or preformed box configurations. Similarly, it operates with fully electronic controls that allow real-time adjustment and monitoring. Therefore, the machine supports flexible packaging layouts and rapid format changes. In addition, the TCBP70 includes safety systems such as light curtains and emergency stop devices. For example, if an operator enters the guarded zone, the system halts automatically to prevent accidents. As a result, the packaging process remains both efficient and secure.

Industrial applications and operational benefits

The Used aseptic filling line Tetra Pak A3 FLEX 1000SQ 7000 l/h targets producers in the dairy and beverage industries who require aseptic packaging capabilities. For instance, companies manufacturing milk, plant-based drinks, or fruit juices can benefit from the line's ability to maintain sterility without cold chain logistics. In fact, the full integration of Tetra Pak modules allows manufacturers to achieve high energy efficiency, complete batch traceability, and reduced downtime. Furthermore, the 1-liter square format optimizes palletization and transport. Consequently, businesses can lower distribution costs while meeting market expectations.

Technical conclusion of the Used aseptic filling line Tetra Pak A3 FLEX 1000SQ 7000 l/h

The modular and compact design of the Used aseptic filling line Tetra Pak A3 FLEX 1000SQ 7000 l/h enables fast installation and startup. Thus, the line adapts well to both new and existing production facilities. Additionally, by incorporating advanced aseptic technologies and relying on Tetra Pak's proven reliability, manufacturers can ensure high performance over time. As a final point, this system represents a technically sound investment for companies seeking maximum hygiene, efficiency, and long-term operational continuity