

## Used line Tetra pak Overhauled TBA 19 200 ml slim

<b>Machine type:</b>	Complete Bottling Line
<b>Ref:</b>	LC612
<b>Year:</b>	2000
<b>Speed:</b>	7500 Bottles/hour
<b>Condition:</b>	Under Maintenance
<b>Products:</b>	Dairy, Juice

### Technical details

<b>Fill type:</b>	Aseptic	<b>Safety features:</b>	Yes
<b>Manuals:</b>	No		

### Description

#### Used Tetra pak line Overhauled TBA 19 200 ml slim

#### Technical Specifications & Performance Data

This used bottling line is a second hand Tetra Pak aseptic carton packaging solution configured for 200 ml Slim packs. It is engineered for industrial packaging and beverage production of milk and juice products, with reliable performance and efficient downstream handling.

- **Configuration:** Tetra Pak TBA/19 200B Slim filler + TSA21 straw applicator + TCP70 case packer + conveyor line + line controller and paper trolley
- **Production speed:** up to 7,500 packs/hour
- **Pack volume:** 200 ml Slim
- **Filling technology:** Aseptic
- **Container type:** Carton (brick packs)
- **Main models and codes:** TBA/19 200B (Dev. Step 010V), TSA21, TCP70
- **Operating hours:** 26,600
- **Indicative years:** filler 2000, packer 2008, straw applicator 2000

#### Advanced Automation & Control Systems

The line is equipped with industrial automation architecture suitable for high-uptime food and beverage operations. Assessment indicates a GE PLC platform on downstream equipment with recommended PLC and I/O cover upgrades

to ensure long-term reliability.

- **Control:** Central line controller with integrated conveyor logic
- **PLC/HMI:** GE PLC upgrade recommended for DE modules
- **Changeover:** 200 ml Slim change kit included; additional format parts may be required for other sizes
- **Safety:** Guarding and interlocks typical of aseptic packaging machinery

## Production Line Integration Capabilities

This second hand bottling equipment is designed for inline operation from aseptic filling through straw application and case packing. Conveyors provide smooth transfer between machines, enabling balanced production flow and efficient accumulation.

- **Inline operation:** Filler → Straw applicator → Case packer
- **Material handling:** Conveyor line with integration to line controller
- **Application range:** Ideal for milk and juice in 200 ml Slim cartons
- **Scalability:** Potential to adapt to additional carton sizes with proper change parts

## Machine Condition & Maintenance History

The line has been assessed after maintenance activities and prior to full recommissioning. The filler can be operated up to production step (water test completed). Downstream equipment (DE) powers on but requires further interventions before heating and full operation. An overhaul is recommended with component replacements across superstructure, machine body, jaw system, final folder, service unit, strip applicator, and electrical systems.

- **Current status:** Under maintenance/refurbishment
- **Condition summary:** Filler fair-to-poor; DE in poor condition; overhaul advised (6,000/8,000/12,000-hour packages)

## Operational Performance & Versatility

Engineered by Tetra Pak for aseptic beverage production, the line supports long-life products such as UHT milk and ambient juices. The TSA21 straw applicator extends on-shelf convenience, while the TCP70 case packer consolidates finished packs for distribution. This used bottling line offers cost-effective capacity for producers seeking a compact aseptic carton solution.

- **Products:** Milk, juice
- **Aseptic integrity:** Designed for sterile filling and pack sealing
- **End-of-line:** Case packing for efficient logistics

## Installation Requirements & Site Preparation

The line should be installed on a level industrial floor with appropriate utilities and environmental controls for aseptic operations. Commissioning will require validation, cleaning systems, and qualified service support to achieve target output.

- **Space:** Adequate footprint for filler, DE, conveyors, and service access
- **Utilities:** Electrical power, compressed air, process water as per OEM specifications
- **Environment:** Clean, controlled production area suitable for food-grade operations

## Safety Standards & Compliance Certification

The equipment includes safety guarding and interlocks in line with industrial packaging machinery practices. Stainless steel and food-grade materials are used in product-contact and hygienic areas to support beverage safety and sanitation programs.

- **Operator safety:** Guarded enclosures and emergency stop circuits
- **Hygiene:** Food-grade construction for beverage production
- **Compliance:** Built to industry standards for aseptic packaging

## PART LIST

1. Superstructure 3629800-0101 1PC UK REPL Cylinder 90239-0779 for LS cylinder
2. Machine\_body 90458-0256 1PC Drop chute PROXIMITY SWITCH bad connection  
980002-0000 1PC paper brake missing  
540719-0000 1PC paper brake missing  
980003-0000 1PC paper brake missing  
980004-0000 1PC paper brake missing  
90347-0054 1PC paper brake missing  
312115-0333 4PC paper brake missing  
312155-0327 2PC paper brake missing  
312318-0325 2PC paper brake missing  
315105-0146 4PC paper brake missing  
  
Drive\_unit 90044-0203 2PC limit switch disconnect link bad connection  
  
Jaw\_system. 441217-0000 4PC guide wear  
441218-0000 4PC guide wear  
441221-0000 8PC guide wear  
441593-0000 8PC guide wear  
315259-0102 8PC guide wear  
90091-0106 8PC guide wear  
441269-0000 2PC guide wear  
441268-0000 2PC guide wear  
  
Final\_folder 1284018-0001 1PC Pulldown device MU  
1284005-0022 1PC Pressure device MU  
272045-0002 1PC hole on SLIDE SHEET  
295307-0000 1PC protect pipe broken  
90110-0114 8PC heating element cable connection bad  
90110-0116 8PC heating element cable connection bad

## Service\_unit

266710-0000 1PC paper magazine brake wheel  
321308-0202 4PC paper magazine brake wheel  
576297-0000 1PC paper magazine plastic roller recover  
321313-0102 2PC paper magazine plastic roller recover  
70000210024 1PC Water accumulator  
3159152-0000 1PC Water accumulator  
3159153-0000 1PC Water accumulator  
312105-0376 2PC Water accumulator  
90277-0041 1PC HYDRAULIC air fliter missing

## Strip\_applicator 90239-0816 1PC Application unit overhaul

90189-0075 1PC Application unit overhaul  
90239-0489 1PC Application unit overhaul  
1255941-0000 1PC Application unit overhaul  
580330-0000 1PC Application unit overhaul  
400828-0000 2PC Application unit overhaul  
580322-0000 2PC Application unit overhaul  
8. Electrical\_equipment 3472832-0101 1PC GE PLC upgrade

90458-0376 1PC  
1273559-0000 1PC  
312105-0451 2PC  
1273549-0000 1PC  
1273563-0000 2PC  
1273566-0000 2PC  
1273738-0000 2PC  
1273565-0000 1PC  
312105-0464 2PC  
90005-0116 4PC  
1273648-0000 2PC  
1273655-0000 4PC  
1273711-0000 2PC  
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312105-0464 2PC  
315105-0165 2PC  
90214-0027 4PC  
1273560-0000 1PC  
1273567-0000 1PC  
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1528419-0000 1PC

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315105-0165 1PC  
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312318-0362 2PC  
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315705-0236 1PC  
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315105-0165 8PC  
90214-0027 4PC