Via Incisa 1, 37022
Fumane VR, Italy
info@ublsrl.com
VAT: IT02702580214

Used Aseptic carton filling line 8000 bricks/h - year 2009

Machine type:	Complete Bottling Line
Ref:	LC603
Year:	2009
Speed:	8000 Bottles/hour
Condition:	Ready For Operation
Formats:	500 ml, 750 ml, 1 L
Products:	Juice

Technical details

Safety features:	Yes	Manuals:	Yes
Length:	8000 mm	Voltage:	400 V
Frequency:	50 Hz		

Description

Used Aseptic carton filling line 8000 bricks/h - year 2009

Technical Specifications & Performance Data

This second hand carton filling and packaging line is engineered for Gable Top Diamond Curve cartons with screw caps, delivering reliable performance for industrial packaging and beverage production. Manufactured by Shikoku and Elopak engineering, the line centers on a Shikoku carton filler and integrates Elopak cap application systems, a cap feeding bunker, complete conveyors with buffering, and an Oystar A+F tray packer for end-of-line operations.

- **Main filler:** Shikoku S-PS90HA (Year 2009)
- **Container type:** Carton (Gable Top Diamond Curve with screw cap)
- **Compatible formats:** 0.5L, 0.75L, 1.0L
- **Cap application:** 3 × Elopak E-PLA-S30 cap applicators (Year 2009)
- **Cap feeding:** Elopak CSFS cap feeding bunker (Year 2009, Serial No. 28119)
- **End-of-line:** Oystar A+F Traypacker TF (Year 2011), tray configurations 4×3, 4×2, 2×3
- **Electrical (line standard):** 400 V, 50 Hz, 3-phase
- **Filler electrical/air:** 400 V, 50 Hz, 3-phase; Current 177 A; Air 582/533 kPa; Air consumption 1350 NL/min

- **Elopak E-PLA-S30 (per unit):** 400 V, 50 Hz; Current full load 26 A; Max unit current 40 A; Air pressure 700 kPa; Air consumption 3 NL/min; Weight max 1000 kg
- **Elopak CSFS bunker:** 400 V, 50 Hz, 3-phase; Current full load 3.6 A; Air pressure 415 kPa; Air consumption 50 NL/min
- **Conveyors:** Complete conveyor system with integrated buffering section
- **Documentation:** Instruction manuals and spare parts documentation included

Advanced Automation & Control Systems

The line includes centralized electrical control cabinets and interconnecting cabling to coordinate filler, cap applicators, bunker, conveyors, and tray packer. Clear wiring diagram references on Elopak equipment support maintenance and troubleshooting. Format changeovers between 0.5L, 0.75L, and 1.0L are supported, enabling rapid adjustments for production planning. Pneumatic subsystems are specified with measurable air pressure and consumption, allowing accurate utility sizing and stable automated performance.

- Centralized electrical control cabinets and cabling
- Defined wiring diagram references on Elopak modules
- Pneumatic controls with documented pressure/consumption
- Format adjustment capability for multiple carton sizes
- Integrated safety sensors and interlocks on modules

Production Line Integration Capabilities

This used bottling line for gable top cartons is designed as an integrated production cell, from filling and capping to tray packing. The complete conveyor system with buffering ensures balanced throughput between stations and minimizes stoppages. The Oystar A+F Traypacker TF accepts multiple tray patterns, enabling flexible downstream logistics. The modular architecture also allows standalone testing of individual units when required, supporting maintenance and phased commissioning.

- Inline integration from filling to tray packing
- Conveyors with buffering for flow equalization
- Multi-format compatibility: 0.5L, 0.75L, 1.0L
- Suitable for beverage production in gable top cartons
- Tray configurations: 4×3, 4×2, 2×3

Machine Condition & Maintenance History

The line is presented as ready for operation and is supplied with instruction manuals and spare parts documentation to facilitate setup and preventive maintenance. Component nameplates confirm manufacturing years 2009 for the filler and Elopak modules, and 2011 for the tray packer, indicating a cohesive second hand line with documented equipment provenance.

- Operational status: Ready for operation

- Documentation: Instruction manuals and spare parts documentation included
- Component years: 2009 (filler and Elopak modules), 2011 (tray packer)

Operational Performance & Versatility

Engineered for industrial packaging efficiency, the line combines high-precision carton filling with reliable screw-cap application and robust end-of-line packing. The three Elopak cap applicators ensure consistent cap torque and placement across multiple carton sizes, while the cap feeding bunker stabilizes cap supply to maintain uptime. The system's modular design supports continuous beverage production with minimized changeover times.

- Stable cap supply via dedicated CSFS bunker
- Three cap applicators for throughput and redundancy
- Accurate format handling for 0.5L, 0.75L, 1.0L cartons
- End-of-line tray packing for efficient distribution

Installation Requirements & Site Preparation

Utilities and site services should be prepared to the documented specifications for each module. The line operates on a 400 V, 50 Hz, 3-phase electrical standard. Compressed air capacity must accommodate the filler and Elopak modules, with defined pressure and flow values for accurate compressor sizing. Steam is not required for the Elopak cap systems listed. Allocate linear floor space for the conveyor network with buffer, and provide adequate access for operation and maintenance.

- Electrical: 400 V, 50 Hz, 3-phase (module-specific currents listed above)
- Compressed air: Filler 582/533 kPa, 1350 NL/min; Bunker 415 kPa, 50 NL/min; Cap applicators 700 kPa, 3 NL/min
- No steam requirement for the specified Elopak cap modules
- Space: Line layout with conveyors and integrated buffering

Safety Standards & Compliance Certification

Major components display CE conformity, and equipment incorporates safety guarding and interlocks typical of European industrial standards. Sensor systems, including SICK components referenced on Elopak equipment, enhance machine safety and operational reliability. Documentation supports safe commissioning and operator training for compliant beverage production.

- CE-marked equipment (Elopak and Oystar A+F)
- Integrated safety sensors and interlocks
- Operator protections on filler, cappers, and packing modules
- Manuals included for compliant operation and maintenance