

Used complete hot filling line Kronos in PET - 24000 BPH

Machine type:	Complete Bottling Line
Ref:	LC601
Year:	2010
Speed:	24000 Bottles/hour
Condition:	In Storage
Formats:	1.5 L, 300 ml, 500 ml
Containers:	PET
Products:	Juice

Technical details

Fill type:	Hot fill	Isobaric:	No
Safety features:	Yes	Manuals:	Yes

Description

Technical Specifications & Performance Data

This complete PET hot-fill bottling line is a high-efficiency used bottling line engineered for juice applications. Built primarily in 2010 with downstream equipment from 2011, it delivers consistent production at 24,000 bottles per hour (bph). The line integrates blowing, hot-fill filling, capping, labeling, secondary packaging, and palletizing, providing a cohesive solution for beverage production and industrial packaging needs.

- **Production speed:** 24,000 bph
- **Primary application:** Hot-fill juice
- **Container handling:** PET bottles
- **Validated format example:** 0.5L, 0.3L, 1.5L
- **Neck mesurment:** 28mm
- **Manufacturing years:** 2010 (core equipment), 2011 (palletizer)
- **Core components:** Kronos blow molder; CFT hot-fill filler-capper; DASE-SING labeling machine; DIMAC shrink wrapper; TCP bottle cooler and sterilizers (models T30R, TU170RD); TBC palletizer (model LT400)
- **Line type:** Blow, fill, cap, label, wrap, and palletize
- **Configuration:** Integrated continuous production with matched throughput across stations

Advanced Automation & Control Systems

The line is designed for synchronized operation from container production to end-of-line packaging. Coordinated controls help maintain stable performance at high speeds and reduce bottlenecks across blowing, filling, labeling, and packaging stations. Operator interfaces facilitate routine adjustments and monitoring, while safety interlocks and guarding support reliable operation in a production environment.

- Centralized line control with coordinated drives for consistent throughput
- Operator-friendly interfaces for speed matching and format adjustments
- Safety guarding and interlocked access doors
- Emergency stop circuitry across critical stations
- Quick-change features to support format and product adjustments

Production Line Integration Capabilities

This second hand bottling equipment set is engineered to function as a complete packaging line for PET juice, from bottle blowing through palletizing. It can integrate with upstream utilities and downstream warehouse systems. Format changes are supported to align with market requirements, with confirmed capability on 0.5L PET and suitability for similar cylindrical PET formats.

- Inline operation from blow molding to palletizing
- Compatible with PET cylindrical bottle formats; validated at 0.5L, 0.3L, 1.5L
- Hot-fill processing designed for juice products
- End-of-line shrink wrapping and palletizing for stable distribution packs
- Potential to adapt speeds and formats within the design envelope of each component

Machine Condition & Maintenance History

The line is currently in production, reflecting regular operational use suitable for immediate deployment after relocation. Component years indicate modern engineering with durable construction standards expected from the listed manufacturers. It is a used bottling line that has been maintained in an industrial beverage environment.

- Operational status: In production
- Core equipment years: 2010; palletizer: 2011
- Well-known OEM components to support parts and service availability

Operational Performance & Versatility

Optimized for beverage production under hot-fill conditions, the line supports PET handling with precise temperature and flow control at the filler. Downstream cooling, sterilization support, accurate labeling, and robust packaging ensure product quality and presentation.

- Hot-fill filling technology for juice applications
- PET container handling with protection against deformation at elevated filling temperatures

- Bottle cooling and sterilization support for hot-fill process stability
- Accurate labeling at high speed with integrated inspection opportunities
- Shrink wrapping and reliable palletizing for distribution-ready loads

Installation Requirements & Site Preparation

Installation requires adequate floor space for the full line layout including blow molder, filler-capper, labeling, packaging, and palletizing cells, as well as service aisles for maintenance. Standard beverage plant utilities such as electrical power, compressed air, and process water are required. Line relocation planning should include dismantling, packing, loading, reinstallation, and commissioning to restore synchronized throughput.

- Space for linear layout with service access
- Power, compressed air, and process water utilities
- Provision for product handling, conveyors, and accumulation
- Professional commissioning recommended for speed synchronization

Safety Standards & Compliance Certification

The equipment features industrial safety guarding and emergency stop systems across critical stations. Construction materials and hygienic design elements used by the listed OEMs are aligned with beverage industry standards to support safe operation and product hygiene when processed and maintained according to manufacturer guidelines.

- Safety guarding and interlocks at operator access points
- Emergency stop systems along the line
- Hygienic design for beverage production
- Stainless-steel and food-grade materials on process-contact components (per OEM standard practices)