

Used COMTEC heating tunnel - year 2017

Machine type:	Various Equipment
Ref:	AT108
Model:	4MQ
Year:	2017
Speed:	3000 Bottles/hour
Condition:	Ready For Operation
Formats:	1.5 L
Containers:	Glass
Products:	Spumante, Wine (Sparkling)

Technical details

Machine type:	Various Equipment	Safety features:	Yes
Manuals:	Yes		

Description

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Technical Specifications & Performance Data

This COMTEC bottle heating tunnel is engineered to stabilize bottle temperature immediately after filling by showering containers with warm water. By reducing thermal shock, it helps protect both product integrity and container quality across a wide range of beverage applications. Manufactured in 2017, this second hand unit offers reliable performance for industrial packaging and beverage production environments, and can be integrated within a used bottling line or operate as a standalone temperature-conditioning module.

- **Manufacturer:** COMTEC
- **Year:** 2017
- **Model:** 4MQ
- **Process function:** Post-filling warm-water spray (rain/shower) bottle heating
- **Primary purpose:** Temperature stabilization to reduce thermal shock and prevent bottle damage
- **Container compatibility:** Designed for PET and Glass bottles
- **Application stage:** Downstream of filler, upstream of labeling/packaging

- **Operating mode:** Inline continuous tunnel with warm-water recirculation and spray distribution

Advanced Automation & Control Systems

The tunnel utilizes controlled warm-water distribution to ensure even coverage and consistent temperature conditioning. Standard industrial controls enable operators to manage process parameters, monitor spray performance, and coordinate with upstream and downstream equipment. Integrated safeguards and interlocks support stable operation within modern bottling equipment setups.

- Centralized operator controls for process management
- Consistent spray pattern for uniform bottle surface wetting
- Designed for integration with line PLC/HMI architectures
- Operator protections with standard industrial safety interlocks

Production Line Integration Capabilities

Engineered for seamless integration into existing production lines, the heating tunnel connects easily to conveyors and synchronizes with fillers, rinsers, labelers, and downstream packaging machinery. Its post-filling placement makes it suitable for a wide range of formats and production speeds in beverage production and industrial packaging environments.

- Inline or standalone operation
- Compatible with typical bottle conveyors and accumulation systems
- Supports multi-format operations common to used bottling line upgrades

Machine Condition & Maintenance History

This 2017 COMTEC tunnel is presented as a second hand solution in working condition, ready for operation within a modern packaging line. Its warm-water shower process helps extend container handling reliability, providing a practical enhancement to quality and throughput.

- Operational status: Ready for operation
- Commercial use: Suitable for integration into a used bottling line or industrial packaging cell

Operational Performance & Versatility

The tunnel's warm-water shower process supports beverage producers seeking to minimize thermal stress following cold or ambient filling. It is well-suited to a variety of bottle sizes and shapes typical of water, juice, beer, and wine applications, while maintaining compatibility with both PET and glass containers.

- Reduces thermal stress after filling to protect product and packaging
- Supports a broad range of beverage production formats
- Consistent conditioning for improved downstream labeling and packing

Installation Requirements & Site Preparation

The unit is designed for straightforward installation within an existing line layout. Typical utilities include power, process water for warm spray operation, and drainage for water recirculation/overflow. Physical integration requires alignment with existing conveyors and sufficient service access for routine cleaning and maintenance.

- Utilities: Electrical power, warm water supply/recirculation, drainage
- Line integration: Conveyor connectivity upstream/downstream of filler
- Maintenance access: Service clearances for cleaning of spray sections

Safety Standards & Compliance Certification

The heating tunnel incorporates industrial safety practices suitable for beverage production environments. Protective guarding, emergency-stop functions, and interlocks support safe operation during production and maintenance. Hygienic design considerations facilitate cleaning and routine sanitation, aligning with good manufacturing practices for food and beverage processing.

- Protective guards and access panels
- Emergency stop circuits and interlocks
- Hygiene-oriented design to support sanitation routines