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Used BERTOLASO WDT10 washer dryer - Year 2001

Machine type:	Bottle Washer Dryer
Ref:	LA15
Model:	WDT 10
Year:	2001
Speed:	5000 Bottles/hour
Condition:	In Storage
Containers:	Glass, PET

Technical details

No. of bottles (washing):	1	No. of bottles (drying):	1
Rotation direction:	Linear	Bottle entry:	Single
Safety features:	Yes	Manuals:	Yes
Weight:	2400 kg	Power:	20 kW
Voltage:	400 V	Frequency:	50 Hz

Description

Used BERTOLASO WDT10 washer dryer - Year 2001

Technical Specifications & Performance Data

The Bertolaso WDT 10 is an external bottle washer-dryer engineered for reliable operation in beverage production and industrial packaging environments. It combines mechanical brushing with targeted water jets to remove residues on the bottle body, bottom, and closure area, followed by high-energy air-knife drying. This second hand unit is well-suited for integration within a used bottling line and provides robust construction for continuous-duty applications.

- **Model:** WDT 10
- **Manufactured by:** Bertolaso
- **Year:** 2001
- **Speed:** 3.000 - 5.000 BPH
- **Function:** External bottle washing and drying
- **Washing system:** Rotating brushes with directed water jets
- **Drying system:** Seven blower motors with high-velocity air blades/hot air

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- **Bottle handling:** Infeed worm screw; infeed and outfeed star wheels
- **Construction:** Stainless steel frame and cladding
- **Guards:** Polycarbonate guard doors
- **Electrical supply:** 400 V, 50 Hz
- **Installed power:** 20 kW
- **Approx. mass:** 2400 kg
- **Documentation:** Complete electrical documentation

Advanced Automation & Control Systems

Automation is anchored by a Danfoss variable-frequency drive for smooth speed control and Siemens control components for dependable governance of washing and drying sequences. The machine supports manual and automatic operating modes, allowing quick adaptation from setup and maintenance to full automatic production. Electrical specifications include 400 V, 50 Hz with a 20 kW installed load, making it straightforward to integrate into standard industrial power networks. Protective guarding enhances operator safety and visibility during operation.

Production Line Integration Capabilities

The WDT 10 integrates easily into upstream and downstream bottling equipment thanks to its worm-screw infeed and star-wheel transfer, ensuring consistent bottle spacing and orientation. It is designed for bottle handling in beverage production, whether operating as a standalone module or inline with fillers, cappers, labelers, and packaging machinery. This flexibility supports a range of industrial packaging layouts for PET and glass bottles.

Machine Condition & Maintenance History

This second hand external bottle washer-dryer is presented in working condition with complete electrical documentation, facilitating commissioning, service, and spare-parts management. The robust stainless steel construction and established component brands contribute to long-term reliability and maintainability for beverage production environments.

Operational Performance & Versatility

The dual-action cleaning approach—brush scrubbing combined with targeted water jets—ensures thorough external cleaning of cylindrical containers, including difficult areas around the bottom and closure. The drying tunnel uses seven blower motors and air blades to deliver effective surface drying prior to labeling, coding, or secondary packaging. With its controlled infeed and discharge, the WDT 10 supports stable product flow and consistent presentation to downstream labeling machines, improving overall line efficiency in used bottling line configurations.

Installation Requirements & Site Preparation

Utilities required include a 400 V, 50 Hz electrical connection and process water for the washing circuit, along with appropriate drainage for effluent. The integrated Danfoss VFD allows process optimization to match upstream and downstream speeds. Stainless steel construction facilitates hygienic installation and cleaning in beverage production and industrial packaging areas. Site layout should allow for safe access to guard doors and maintenance points.

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Safety Standards & Compliance Certification

The machine features polycarbonate guard doors for enhanced visibility and operator protection and bears CE marking consistent with European safety directives. The stainless steel build supports hygienic standards common to beverage processing and packaging. Electrical enclosures and control components from Siemens further support operational safety, reliability, and compliance during continuous production.