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Used filling pentablock Cimec 2010 for bottle refermented beer

Machine type:	Filling Monoblock, Wirehooder
Ref:	M311
Model:	LD 16-16-3E/PK-1RF-1V
Year:	2010
Condition:	Ready for Operation
Formats:	330 ml, 750 ml
Containers:	Glass
Products:	Beer, Flat Drinks, Wine (Still)

Technical details

Rotation:	Clockwise	Has rinser:	Yes
Has capper:	Yes	Filler - No. of valves:	16
Filler - Type of nozzle:	Fixed	Filler - Fill type:	Gravity/light depression
Rotation direction:	Clockwise	No. of heads:	1
High Capacity Dispenser:	Yes	Safety features:	Yes
Manuals:	Yes		

Description

Technical Specifications & Performance Data

This Pentablock Filling Monoblock combines rinsing, filling, corking, and wire-hooding in a single compact rotary frame for glass bottle handling. Manufactured by Mondial, the LD 16-16-3E/PK-1RF-1V configuration delivers robust mechanical design with precise bottle control across the rinsing, filling, capping, and wire-hooding turrets. It is suitable for second hand installations and integration into a used bottling line focused on beverage production and industrial packaging.

- **Model:** LD 16-16-3E/PK-1RF-1V
- **Bottle materials:** Glass
- **Bottle formats:** Compatible with 0.33L and 0.75L bottle formats
- **Rinser turret:** 16 grippers (rotary)

- **Filler turret:** 16 valves, gravity/light depression technology
- **Closures supported:** Crown cap, champagne-style mushroom cork
- **Wire hooding:** Integrated wire-hood applicator for champagne-style closures
- **HMI:** Siemens OP73 Micro
- **Typical applications:** Wine, and specialty beverages in glass

Advanced Automation & Control Systems

The monoblock features an integrated automation architecture with a user-friendly HMI for setup, format recipes, and diagnostics. Line operators benefit from clear alarm messaging and guided procedures that reduce downtime and facilitate changeovers between formats and closure types. The control system supports coordinated motion across turrets to maintain stable product handling and consistent fill accuracy.

- Siemens OP73 Micro HMI for monitoring and control
- Programmable format parameters for different bottle sizes
- Interlocked guards and safety logic for operator protection
- Quick adjustments for height and starwheel changeovers

Production Line Integration Capabilities

Engineered to operate as a standalone monoblock or integrated within a complete used bottling line, this machine accepts infeed conveyors and outfeed conveyors for seamless connection to upstream and downstream equipment such as labelers, inspectors, and packers. Its rotary architecture accommodates format parts for multiple glass bottle sizes and closure types while maintaining consistent throughput and gentle handling.

- Inline integration with standard conveyor systems
- Multi-format capability: 0.33L and 0.75L glass bottles
- Closure flexibility: crown cap and champagne-style cork with wire-hood
- Suitable for production environments of refermented beer

Machine Condition & Maintenance History

The machine is presented as ready for operation with a commercial focus on reliable second hand bottling equipment. Standard preventive maintenance points are accessible, with clear procedures for scheduled inspections and sanitation to maintain consistent quality.

- Operational status: ready for operation
- Routine access for inspection and cleaning
- Supports sanitization of product-contact parts

Operational Performance & Versatility

This monoblock is designed for glass beverage applications requiring high-quality rinsing, accurate gravity/light depression filling, robust closure application, and secure wire-hooding for champagne-style finishes. The multi-closure

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capability (crown cap and champagne-style cork with wire-hood) broadens production versatility, enabling seasonal or mixed-format wine and sparkling wine runs within the same footprint.

- Precision gravity/light depression filling for glass bottles
- Stable handling for delicate premium glass formats
- Dual closure compatibility with integrated wire-hooding for greater flexibility
- Complete finishing solution for beer.

Installation Requirements & Site Preparation

The compact rotary design simplifies layout within existing industrial packaging halls. The machine requires standard utilities for power, compressed air for actuators, cap handling, and wire-hood application, and process/product connections compatible with beverage production standards. Floor anchoring points and access clearances should be planned to allow format changes and maintenance.

- Space for operator access and format change parts
- Electrical power supply per OEM specification
- Compressed air for pneumatic devices
- Product and discharge connections per beverage line practice

Safety Standards & Compliance Certification

The monoblock incorporates interlocked safety guards, emergency stop stations, and warning plates in accordance with standard bottling machinery practices. Hygienic construction of product-contact areas supports beverage quality requirements.

- Guarding with interlocks around turrets
- Emergency stop circuits and safety signage
- Hygienic design of product-contact components
- Engineered by Mondial for beverage industry compliance