Via Incisa 1, 37022
Fumane VR, Italy
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VAT: IT02702580214

Used ACMI RASAR D200 depalletizer - year 2004

Machine type:	Depalletizer
Ref:	DEPAL41
Model:	D200
Year:	2004
Speed:	16200 Bottles/hour
Condition:	Ready for Operation
Containers:	Glass, PET
Products:	Beer, Oil, Spirits, Water (Sparkling), Water (Still), Wine (Sparkling), Wine (Still), CSD

Technical details

Feed:	["from the top"]	Operating type:	automatic
Handling:	Conventional	Safety features:	No
Manuals:	No	Width:	4915 mm
Length:	14367 mm	Voltage:	400 V
Frequency:	50 Hz	Ampere:	51 A

Description

Used ACMI RASAR D200 depalletizer

Technical Specifications & Performance Data

This ACMI RASAR D200 depalletizer is a reliable solution for high-efficiency bottle handling within a used bottling line or second hand industrial packaging environment. Engineered for beverage production and general industrial packaging, it processes layers of bottles from standard pallets with precise and gentle handling. Designed for glass and PET bottle applications, it offers stable performance for multiple beverage categories, ensuring dependable operation in demanding production schedules.

- **Manufacturer:** ACMI
- **Model:** RASAR D200
- **Year:** 2004
- **Machine type:** Depalletizer

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- **Maximum speed:** 16,200 bph (application dependent)
- **Container materials:** Glass, PET
- **Pallets handled:** EPAL 800x1200 mm
- **Working height:** 1200 mm
- **Operating pressure:** 6 bar
- **Supply voltage:** 400 V (3PH + N)
- **Frequency:** 50 Hz
- **Rated current:** 51 A
- **Auxiliary voltage:** 24 V DC
- **Short-circuit rating:** 6 kA
- **Electrical schematic code:** EOC3691
- **Approx. layout dimensions:** length 14,367 mm; width 4,915 mm

Advanced Automation & Control Systems

The ACMI RASAR D200 features an industrial-grade automation package centered on a Siemens PLC, delivering robust control, diagnostic capability, and stable operation. The control system supports automatic layer handling with coordinated movements for layer separation and transfer to downstream conveyors. Electrical architecture uses a 400 V three-phase supply with 24 V DC auxiliaries for sensors and control devices, ensuring safe and reliable low-voltage control.

- Siemens PLC-based control for dependable automation
- 24 V DC auxiliary circuits for instrumentation
- Clear operator interface and status signaling for quick troubleshooting
- Integrated interlocks for safe operation and process control

Production Line Integration Capabilities

The depalletizer integrates seamlessly into beverage production lines and broader packaging machinery systems. It interfaces with infeed/outfeed conveyors and can operate as a standalone depalletizing cell or as part of a complete bottling line. The RASAR D200 handles EPAL 800x1200 mm pallets and can be set up for multiple bottle patterns and sizes within glass and PET ranges, supporting flexible changeovers for different end products.

- Inline or standalone operation modes
- Compatible with upstream pallet handling and downstream bottle conveyors
- Designed for Glass and PET bottle handling across various sizes
- Suitable for Water, CSD, Wine, Beer, Spirits, Milk, and Oil applications

Machine Condition & Maintenance History

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This unit is ready for operation and presented in excellent working order. It has been overhauled and is supplied with compatible spare parts. A warranty support period of 6 months is indicated, reinforcing the machine's readiness for immediate integration in production.

- Ready for operation
- Overhauled and guaranteed
- Compatible spare parts included
- Warranty: 6 months

Operational Performance & Versatility

The RASAR D200 delivers stable depalletizing at up to 16,200 bottles per hour, depending on format and layout. It supports both glass and PET containers, making it a strong fit for multi-product plants and contract packers. Its pallet handling capabilities align with standard EPAL formats, and the working height of 1200 mm simplifies conveyor-level integration. This balance of speed and gentle handling helps protect product integrity and reduce line stoppages.

- High throughput with consistent layer control
- Gentle handling for Glass and PET bottles
- EPAL 800x1200 mm pallet compatibility
- Optimized for continuous beverage production shifts

Installation Requirements & Site Preparation

Site preparation should provide an electrical supply of 400 V (3-phase + neutral), 50 Hz frequency, and adequate compressed air at 6 bar. The footprint supports straightforward integration with existing conveyor systems. Ensure sufficient access around the machine for maintenance, pallet loading/unloading, and safe operator movement.

- Power: 400 V (3PH + N), 50 Hz
- Compressed air: 6 bar
- Working height: 1200 mm for conveyor-level alignment
- Approximate footprint: length 14,367 mm; width 4,915 mm

Safety Standards & Compliance Certification

The ACMI RASAR D200 is engineered for industrial safety, featuring PLC-governed interlocks and emergency stop circuits aligned with good manufacturing practices for food and beverage environments. The 24 V DC control layer enhances operator safety for sensors and command circuits. Stainless and coated components are typically selected to support hygiene and longevity in beverage plants.

- Safety interlocks and emergency stop circuits
- Low-voltage control layer (24 V DC) for instrumentation safety
- Industrial-grade guarding for moving parts
- Materials and design suitable for beverage plant hygiene