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Used OLIVEROGAR filtration system

Machine type:	Oil mills and equipment, Filter
Ref:	FLT16
Year:	2010
Condition:	Ready for Operation

Technical details

Filter type:	Housing for microfiltering	Safety features:	Yes
Manuals:	No		

Description

Used OLIVEROGAR filtration system

Technical Specifications & Performance Data

This industrial filtration and liquid-processing system is engineered for reliable, continuous operation in beverage production and industrial packaging environments. Designed by Oliverogar, it integrates multi-stage filtration with robust pumping and piping to support a wide range of liquid clarification and polishing tasks. Its compact footprint enables easy placement within existing production areas and seamless connection to upstream and downstream equipment on a used bottling line or new installation.

- **Manufacturer:** Oliverogar
- **Machine type:** Industrial filtration and liquid-processing system
- **Automation:** Fully automated, multi-stage operation
- **Construction:** Stainless steel frame and process assemblies
- **Process components:** Integrated stainless-steel filtration tanks
- **Fluid handling:** Heavy-duty process pump and industrial-grade piping
- **Configuration:** Compact, integrated multi-stage filtration layout
- **Control:** Siemens PLC with industrial PC touchscreen HMI

Advanced Automation & Control Systems

The system centers on a Siemens PLC for precise process control, recipe management, and interlocks, complemented by an industrial PC HMI with touchscreen for intuitive operation. The enclosed electrical control cabinet houses power distribution, I/O, and safety circuits for dependable performance and simplified troubleshooting.

- Programmable sequencing for multi-stage filtration steps
- Industrial PC operator panel for process visualization and alarms
- Integrated electrical control cabinet for clean, serviceable wiring
- Automation-ready interfaces for line-wide start/stop and status exchange
- Designed to support quick adjustments and controlled ramp-up/down of pumps

Production Line Integration Capabilities

This filtration platform connects easily to buffer tanks, mixing or syrup rooms, and downstream filling, labeling, and secondary packaging machinery. Its compact, modular design supports inline operation or standalone use as a polishing/clarification skid. It is suitable for beverage production environments focused on quality, throughput, and consistency, and integrates well into second hand or refurbished bottling equipment layouts.

- Inline or standalone operation with common utility connections
- Compatible with upstream storage/mixing tanks and downstream filling monoblocks
- Multi-stage configuration adaptable to various clarity targets
- Well-suited for integration within a used bottling line

Machine Condition & Maintenance History

The equipment is presented in ready-for-operation condition, supported by a fully integrated control cabinet and automated process control. Its stainless-steel build favors long service life, cleanability, and robust uptime in beverage and industrial environments.

Operational Performance & Versatility

The multi-stage internal configuration with specialized filter units and heavy-duty pumping enables consistent product quality and repeatable results. Stainless-steel tanks and sanitary piping promote hygienic processing, making the system a strong choice for beverage production workflows where clarity, stability, and throughput are critical. The automated platform reduces operator intervention while maintaining process reliability.

- Stable, repeatable filtration performance with automated sequences
- Sanitary stainless-steel design for hygienic liquid handling
- Adaptable to varying turbidity and clarity requirements
- Supports continuous operation in industrial packaging lines

Installation Requirements & Site Preparation

The compact chassis simplifies placement and commissioning. Standard industrial utilities are required for power and process connections. The integrated cabinet reduces external wiring, and sanitary process connections facilitate straightforward tie-in to existing pipework, CIP loops, and tank farms.

- Space-efficient, compact footprint for line-side installation
- Electrical supply to the main control cabinet

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- Process connections for inlet/outlet lines and optional CIP return
- Floor drainage and housekeeping for hygienic operations

Safety Standards & Compliance Certification

The stainless-steel build and enclosed control cabinet support safe operation and hygiene. Safety interlocks, emergency-stop capability, and guarded enclosures are designed to protect operators while maintaining uptime. The system’s materials and layout align with food and beverage industry expectations for cleanability and durability.

- Guarded process areas with emergency-stop functionality
- Enclosed electrical cabinet for operator and equipment safety
- Stainless-steel, hygienic construction for beverage production environments
- Automation safeguards for controlled start/stop and alarm handling