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Used AVE OCEANIC-V filling line 12-12-1 2500 BPH

Machine type:	Complete Bottling Line
Ref:	LC627
Model:	OCEANIC-V 12/12/1
Year:	2001
Speed:	2500 Bottles/hour
Condition:	Ready for Operation
Formats:	250 ml, 500 ml, 750 ml, 1 L
Containers:	Glass
Products:	Oil

Technical details

Fill type:	Low vacuum	Neck type:	31.5mm, 35mm aluminum screw
Safety features:	Yes	Manuals:	No

Description

Used AVE OCEANIC-V filling line 12-12-1 2500 BPH

Technical Specifications & Performance Data

This used bottling line is a complete AVE engineering solution designed for glass bottle oil filling and packaging. It delivers reliable performance for industrial packaging and beverage production environments seeking a second hand system with proven components.

- **Production speed:** up to 2,500 bottles/hour with 0.5L format
- **Compatible bottle formats:** 0.25L, 0.5L, 0.75L square; 0.5L, 1.0L round
- **Container types:** Glass bottles
- **Change parts:** Starwheels for 5 formats included
- **Closures:** Aluminum screw caps 31.5mm and 35mm; heat-shrink capsules 31.5mm and 35mm
- **Primary models:** AVE OCEANIC-V 12/12/1 filling monoblock; AVE 4T automatic rotary self-adhesive labeller (two stations)

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- **Monoblock key data (rinser/filler/capper):** water consumption ≈ 200 L/h; air consumption 80 L/min; installed power 5 kW; absorbed current 13 A; weight 3500 kg; bottle running level 1100±50 mm; footprint approx. 3500 mm (L) × 1392 mm (W) × 2550 mm (H)
- **Labeler key data (model 4T):** air consumption 35 L/min; installed power 2 kW; weight 1000 kg; bottle running level 1100±50 mm; overall length 3000 mm; overall height 2000 mm

Advanced Automation & Control Systems

The line integrates AVE control and electrical boards for centralized management of rinsing, filling, capping, capsuling, and labeling. Machine guarding with safety interlocks supports safe operation, while clearly marked utility connections simplify setup. Quick-change starwheels and guided adjustments support format changes across square and round bottles, reducing downtime and improving overall equipment effectiveness.

Production Line Integration Capabilities

This complete bottling line is configured for inline operation with a monoblock rinsing-filling-capping system, a heat-shrink capsule applicator, and a rotary self-adhesive labeling machine with two stations for body and back labels. It is ideal for edible oil production on glass bottles in multiple formats and shapes. The standardized bottle running level (1100±50 mm) across modules simplifies conveyor alignment and integration with upstream and downstream handling equipment.

Machine Condition & Maintenance History

The line is presented as second hand industrial packaging equipment in good working condition and ready for operation. It has been configured and used for oil, with format parts included for five bottle formats. Components show consistent technical coherence across the system, characteristic of AVE manufacturing and design.

Operational Performance & Versatility

Engineered for oil filling applications on glass containers, the monoblock ensures stable handling for both square and round bottles. The aluminum screw capping system handles 31.5mm and 35mm closures for a wide range of edible oil formats. The dedicated heat-shrink capsuling unit accommodates matching 31.5mm and 35mm capsules for a premium finish. The rotary self-adhesive labeler with two stations applies front and back labels with precision, supporting brand presentation and regulatory requirements.

Installation Requirements & Site Preparation

Utility connections are straightforward and clearly identified:

- **Water inlet (rinser):** DN 50
- **Product inlet (filler):** DN 50
- **Compressed air:** 1/2" quick coupling (monoblock ~80 L/min; labeler ~35 L/min)
- **Drains:** G 1", G 2", and Ø60 mm
- **Bottle running level:** 1100±50 mm (common across modules)
- **Installed power (modules):** Monoblock 5 kW; Labeler 2 kW

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- **Equipment weights:** Monoblock ~3500 kg; Labeler ~1000 kg

Allow adequate floor space for access around each module for operation, cleaning, and maintenance, and provide stable, level foundations to maintain alignment and hygienic conditions for food-grade oil production.

Safety Standards & Compliance Certification

The line incorporates machine guards and anti-accident protections with interlocked access points to safeguard operators during production, changeovers, and maintenance. Emergency stop devices are positioned at control locations. The stainless-steel and hygienic design approach used by AVE supports sanitary requirements for food and beverage processing on glass containers. Electrical and control cabinets are integrated to facilitate safe operation and compliance with standard industrial safety practices.