

## Used Sleever labelling machine 4000 BPH

Machine type:	Labeling Machine
Ref:	ET235
Model:	ULISSE 4000
Year:	2021
Speed:	4000 Bottles/hour
Condition:	Ready For Operation
Containers:	Glass, PET

### Technical details

Rotation direction:	Linear	Number of stations:	1
No. of plates:	0	Plate movement:	N/A
Labeling method:	["Sleeving machine"]	Label placement:	["Wrap around label"]
Label adjustment:	Auto	Optical centering system:	Photoelectronic
Head adjustment:	Manual	Safety features:	Yes
Manuals:	No	Power:	3 kW

### Description

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#### Technical Specifications & Performance Data

The ULISSE 4000 is an automatic sleeving labeling machine engineered by Scaligera for high-quality application of shrink sleeves on cylindrical containers. Built in 2021, this second hand equipment is designed for integration in a used bottling line and industrial packaging environments for beverage production. Its robust AISI 304 stainless steel construction, Omron automation, and precision cutting system ensure repeatable, accurate sleeve placement prior to steam shrink.

- **Manufacturer:** Scaligera
- **Model:** ULISSE 4000
- **Year:** 2021
- **Machine type:** Automatic sleeve applicator (Labeling Machine)
- **Installed electrical power (applicator):** 3 kW

- **Compressed air consumption (applicator):** 80 NI/min
- **Control system:** PLC Omron with 7-inch color touchscreen HMI
- **Cutting system:** 1 rotating-blade cutting head, register-controlled
- **Materials:** AISI 304 stainless steel frame and guards; anodized aluminum and chromed steel components
- **Included conveyor:** Scaligera K325, approx. 7.5 m total length, chain 82.5 mm, inverter-driven
- **Shrink tunnel (included):** Scaligera TVP3SE steam tunnel, 3 independent steam sections, 6 injection cells, electronic temperature control, inverter-driven exhaust, **installed electrical power:** 11 kW, **minimum steam pressure:** 5 bar
- **Rotary accumulation table (included):** Ø 1200 mm, **power:** 0.5 kW
- **Electric steam boiler (included):** COMETH GEI 54 KW 75, 3 × 25 kW resistors, 380 V 50 Hz, steam output approx. 100 kg/h, stainless steel water tank approx. 80 L, capacity approx. 60 L
- **Safety:** CE-compliant interlocked guards and protections

## Advanced Automation & Control Systems

The ULISSE 4000 integrates advanced automation to optimize sleeve application accuracy and uptime. The external unwind with mechanical dancer ensures stable film tension. Motorized traction rollers launch the sleeve at high speed, with automatic opening and adjustment. Film length is photoelectrically controlled and synchronized to product presence for precise register cutting. Operators interact through a 7-inch color touchscreen HMI with Omron PLC control, enabling recipe management and quick parameter adjustments.

- Automatic sleeve advance and register-controlled cutting
- Motorized rollers with automatic opening and regulation
- Photocells for film length regulation, infeed product absence, and outfeed jam detection
- Micrometric adjustment handwheels with counters for repeatable settings
- Interlocked safety doors and CE-compliant protections

## Production Line Integration Capabilities

This sleeving machine is supplied with a matched steam shrink solution and conveying to facilitate rapid integration in a used bottling line or standalone industrial packaging cell. The Scaligera K325 conveyor (approx. 7.5 m) provides stable product handling, while the TVP3SE steam tunnel delivers uniform, controllable shrink results. A 1200 mm rotary table supports accumulation at line exit. The solution is suitable for PET and Glass cylindrical containers across typical beverage production needs.

- Inline or standalone operation with included conveyor and accumulation table
- Steam tunnel with 3 independent sections and 6 cells for tailored heat profiles
- Format equipment included: F1 set with single screw for round formats and synthetic spindle
- Designed for PET and Glass bottle handling

## Machine Condition & Maintenance History

Manufactured in 2021, this second hand sleeving equipment shows industrial-grade stainless steel construction and comprehensive CE safety. It is offered complete with conveyor, steam tunnel, rotary table, and electric boiler for efficient commissioning in beverage production and industrial packaging lines.

## Operational Performance & Versatility

The ULISSE 4000 applies shrink sleeves with high repeatability thanks to precise register cutting, photoelectronic control, and automatic roller regulation. The integrated steam tunnel ensures consistent full-body shrink, while the orientation device with cutting head rotation improves sleeve positioning. This versatility supports a wide range of beverage production formats and materials.

- Full-body wrap application for cylindrical containers
- Photoelectronic sensors for consistent sleeve length and process control
- Orientation device via rotating cutting head
- Robust AISI 304 stainless steel frame suitable for hygienic environments

## Installation Requirements & Site Preparation

The applicator requires electrical power of 3 kW and compressed air at 80 NI/min. The included steam tunnel operates with a minimum steam pressure of 5 bar and features electronic temperature regulation. The electric boiler operates at 380 V 50 Hz with staged heating (3 × 25 kW) to supply stable steam to the tunnel. Plan suitable space for conveyor runs, tunnel access doors, and the Ø 1200 mm accumulation table.

- Applicator utilities: 3 kW, 80 NI/min compressed air
- Steam tunnel: electronic temperature control, min. 5 bar steam supply
- Electric boiler: 380 V 50 Hz, approx. 100 kg/h steam output

## Safety Standards & Compliance Certification

The ULISSE 4000 is equipped with interlocked safety doors, CE-compliant protections, and controlled exhaust on the steam tunnel. Stainless steel construction (AISI 304) supports hygienic operation required in beverage production and industrial packaging.