

Used Posimat bottle unscrambler - year 2021

Machine type:	Various Equipment
Ref:	AT95
Model:	POSIFLEX-A-20
Year:	2021
Speed:	100 Bottles/hour
Condition:	Ready for Operation
Containers:	PET

Technical details

Machine type:	Various Equipment	Safety features:	Yes
Manuals:	No		

Description

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Technical Specifications & Performance Data

This Bottle Unscrambler POSIFLEX-A-20 is a proven solution for high-efficiency bottle handling at the start of a used bottling line. Manufactured by Posimat, it is engineered to orient and feed empty bottles reliably into downstream industrial packaging equipment, supporting beverage production environments that demand consistent uptime and gentle container treatment.

- **Manufacturer:** Posimat
- **Model/Type:** POSIFLEX-A-20
- **Manufacturing year:** 2021
- **Production speed:** up to 100 bpm (bottles per minute)
- **Application:** Automatic bottle unscrambling and infeed to conveyors
- **Compliance:** CE marked; designed according to 2006/42/CE (Machinery), 2014/30/CE (EMC), 2014/35/CE (Low Voltage)
- **Container handling:** Optimized for bottle feeding in beverage production lines
- **Use case:** Ideal for second hand installations and upgrades of existing used bottling line layouts

Advanced Automation & Control Systems

The POSIFLEX-A-20 is built for automated operation with coordinated control of the hopper, orienting system, and discharge. Operators benefit from intuitive control interfaces and precise speed regulation to match downstream equipment, improving changeover efficiency and minimizing stops.

- Integrated control panel for speed and function management
- Automated bottle orientation with high repeatability
- Sensor-based jam detection and bottle flow monitoring
- Recipe-friendly setup for rapid format adjustment
- Designed for continuous-duty operation in industrial packaging environments

Production Line Integration Capabilities

This unscrambler integrates seamlessly at the head of a beverage production line, feeding containers to air or tabletop conveyors leading to rinsing, filling, capping, and labeling machines. It supports standalone or inline operation and can be configured to accommodate a wide range of bottle sizes.

- Compatible with standard conveyor interfaces
- Flexible layout options for compact or extended lines
- Format change capability for different bottle heights and diameters
- Suitable for integration into water, juice, wine, beer, and general beverage production processes

Machine Condition & Maintenance History

Built in 2021, this second hand unit presents a modern design life and is offered in ready-for-operation condition. Its contemporary engineering and CE-compliant construction make it a strong candidate for facilities seeking to expand or modernize their used bottling line with minimal risk and reduced commissioning time.

Operational Performance & Versatility

Engineered for stable performance at up to 100 bpm, the POSIFLEX-A-20 provides gentle bottle handling, consistent orientation, and smooth discharge to conveyors. This enhances downstream efficiency by reducing starved or blocked infeed conditions at rinsers, fillers, and labelers, improving overall line OEE.

- Gentle handling for lightweight bottles
- Consistent bottle orientation for reliable downstream processing
- Designed for 24/7 industrial packaging operations
- Scalable performance to synchronize with varying line speeds

Installation Requirements & Site Preparation

The machine is designed for straightforward installation with standard utility connections. Proper site preparation ensures optimal performance and operator access.

- Standard industrial power supply connection
- Compressed air connection for actuated systems (where applicable)

- Level, clean floor with adequate clearance for loading, service, and guarding
- Integration to existing conveyors via standard mechanical and electrical interfaces

Safety Standards & Compliance Certification

Posimat engineering emphasizes operator safety and regulatory compliance. The unit is CE marked and designed in accordance with key European directives for machinery safety, electromagnetic compatibility, and low voltage.

- CE-compliant design and construction
- Guarded enclosures with safety interlocks (typical for this class of machinery)
- Emergency stop functions for rapid intervention
- Hygienic, easy-to-clean design suitable for beverage production environments