

Used Hot Melt Labeling Machine Kosme 20000 bph

Machine type:	Labeling Machine
Ref:	ET192
Model:	TOP 2 HM 16 720
Year:	2012
Speed:	20000 Bottles/hour
Condition:	In Storage
Price:	€ 48,000
Containers:	Glass, PET

Technical details

Rotation direction:	Clockwise	Number of stations:	1
No. of plates:	16	Plate movement:	Mechanical cam brake/clutch
Labeling method:	Hot glue	Label placement:	Wrap around label
Label adjustment:	N/A	Optical centering system:	None
Head adjustment:	Electric	Safety features:	Yes
Manuals:	Yes	Width:	1900 mm
Length:	3000 mm	Height:	2300 mm
Weight:	2500 kg	Power:	9 kW
Voltage:	400 V	Frequency:	50 Hz

Description

Used Hot Melt Labeling Machine Kosme 20000 bph

Technical Specifications & Performance Data

This Kosme TOP 2 HM 16 720 is a high-speed hot melt labeler engineered for reliable performance in beverage production and industrial packaging. Optimized for PET containers, it supports demanding operations on a used bottling line while maintaining label accuracy at elevated speeds.

- **Manufacturer:** Kosme
- **Model:** TOP 2 HM 16 720

- **Year:** 2012
- **Formats:** Round PET bottle, 74mm diameter. (can work both round and square bottle).
- **Application:** Hot melt labeling for PET containers
- **Production speed:** up to 20,000 bottles per hour (format-dependent)
- **Labeling stations:** 1
- **Number of plates:** 16
- **Head adjustment:** available
- **Optical centering system:** included
- **Container types:** PET (primary configuration)
- **Dimensions:** W 1900 mm × L 3000 mm × H 2300 mm
- **Weight:** 2500 kg
- **Electrical:** 400 V, 50 Hz, 9 kW
- **Condition:** in storage (second hand machine)
- **Documentation:** manuals available

Advanced Automation & Control Systems

Designed for consistent, repeatable operation, this Kosme labeler features precise hot melt application for cylindrical PET bottles and adjustable settings to support changeovers across standard beverage formats. The machine incorporates standard safety features and a centralized control interface for monitoring key parameters during labeling.

- Hot melt application system engineered for strong, clean adhesion at high speed
- Operator controls for format adjustments and production monitoring
- **Electrical supply:** 400 V, 50 Hz, 9 kW connected load
- Integrated safety protections to safeguard operators and uptime

Production Line Integration Capabilities

This unit integrates smoothly into a complete used bottling line with upstream rinsing and filling systems and downstream capping, inspection, and packaging equipment. Standard connections and communication signals facilitate synchronization with conveyors, accumulation tables, and quality control devices.

- Compatible with common beverage line components: rinsing, filling, capping, conveying, and inspection
- Format change support via head adjustment and plate configuration
- Suitable for multi-SKU operations within PET bottle families
- Can operate in beverage production environments for water, juice, beer, wine, and more

Machine Condition & Maintenance History

The machine is currently in storage and offered as second hand equipment. It presents a solid platform for rapid deployment when a dependable labeling solution is needed. Manuals are included to support commissioning, operation, and preventive maintenance routines. Physical inspection and test runs can be organized as part of the purchasing process for verification.

Operational Performance & Versatility

With its 16-plate carousel and hot melt process, this model is built to deliver stable label placement at up to 20,000 bph, ideal for high-throughput products such as still and sparkling water, carbonated soft drinks, juices, flavored beverages, beer, and wine-based drinks. While configured for PET, it can be integrated into mixed-material industrial packaging environments that also handle glass or aluminum on other line segments, as long as the labeling station remains dedicated to PET formats.

- Consistent label application and centering stability for PET bottles
- Supports continuous production with minimal stoppages for format changes
- Complements high-speed rinsing, filling, and capping blocks

Installation Requirements & Site Preparation

Proper site planning ensures smooth installation and ramp-up. Allow enough footprint and service clearance for operation, cleaning, and maintenance access, and confirm utilities match the machine's electrical requirements.

- **Footprint:** 1900 × 3000 mm base; provide additional perimeter clearance for access
- **Height:** 2300 mm; verify overhead space for extraction and maintenance
- **Weight:** 2500 kg; ensure suitable floor loading and leveling
- **Utilities:** 400 V, 50 Hz electrical supply; 9 kW available power
- Plan conveyor interfaces and accumulation zones for balanced line flow

Safety Standards & Compliance Certification

The machine includes safety features such as guards and interlocked access points that help protect operators during production, cleaning, and changeovers. Documentation supplied with the unit supports risk assessment, operator training, and safe integration alongside rinsing, filling, and capping modules in a modern beverage production facility. Compliance details and any certification records should be confirmed against current site standards during installation and commissioning.