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Used automatic Tecmi shrink wrapper - 2013

Machine type:	Shrink Wrapper
Ref:	FA59
Model:	EV 750 – 50 – TT 70-45 x3
Year:	2013
Speed:	36000 Bottles/hour
Condition:	In Storage
Formats:	380 ml
Containers:	PET

Technical details

Package configuration:	PET 380 ml x 6 pack	Film type:	Neutral
Tray:	Not available	Operating type:	["Automatic"]
Machine feed type:	Straight	Bundles/minute:	100
Safety features:	Yes	Manuals:	No
Weight:	1300 kg	Voltage:	440 V
Frequency:	60 Hz		

Description

Used automatic Tecmi shrink wrapper - 2013

Technical Specifications & Performance Data

This automatic shrink wrapper is engineered for high-efficiency industrial packaging of PET bottles on a used bottling line. Manufactured by TECMI, the machine combines reliable mechanics with Siemens automation to deliver consistent bundle quality for beverage production and other industrial packaging applications. With a compact footprint and robust construction, it is well suited for second hand integration into existing packaging machinery layouts.

- **Manufacturer:** TECMI
- **Model:** EV 750 – 50 – TT 70-45 x3
- **Year:** 2013
- **Production speed:** 50–100 bundles/minute, (36.000 BPH on 3x2 format)
- **Configured format:** PET 380 ml x 6-pack

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- **Container types:** PET
- **Electrical data:** 440 V, 60 Hz
- **Weight:** 1300 kg
- **Operating mode:** Automatic
- **Control platform:** Siemens PLC/HMI

Advanced Automation & Control Systems

The shrink wrapper is managed by a Siemens PLC with an HMI interface, providing intuitive setup, recipe handling, and diagnostic visibility for operators. Automated film handling, sealing, and shrink processes enable stable performance across the specified speed range. Temperature control and sealing parameters can be fine-tuned to maintain seal integrity and pack appearance, supporting consistent quality under demanding beverage production schedules. Interlocked guarding and safety monitoring are integrated into the control system to protect operators and maintain uptime.

Production Line Integration Capabilities

Designed for seamless integration into a used bottling line or as a standalone unit, this packaging machine supports infeed from upstream conveyors and discharge toward downstream case handling or palletizing systems. The configured setup is optimized for PET 380 ml bottles arranged in 6-packs with neutral film. The automation platform simplifies line synchronization and facilitates quick adjustments when coordinating with other bottling equipment such as fillers, labeling machines, and palletizers.

Machine Condition & Maintenance History

The machine is currently in storage. As a second hand unit, it has higher working hours compared to other available machines noted as having less than one year of use. Despite this, the Siemens-based control and industrial-grade build are designed for longevity, offering dependable performance when properly serviced and commissioned.

Operational Performance & Versatility

Targeted at industrial packaging needs in beverage production, the unit runs neutral film and forms stable 6-pack bundles of PET bottles. Its speed envelope of 50–100 bundles per minute provides flexibility for varying line capacities and demand profiles. The machine’s automation and consistent sealing performance support repeatable packaging quality, minimizing rework and optimizing throughput on high-volume lines.

Installation Requirements & Site Preparation

Plan for adequate floor space based on the EV 750-50 layout and ensure clear access for film loading and maintenance. Electrical service must provide 440 V, 60 Hz power. Rigging and handling should respect the 1300 kg machine weight. Commissioning should include alignment with upstream/downstream conveyors and setup of control interfaces to match the existing production line architecture.

Safety Standards & Compliance Certification

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The shrink wrapper includes enclosure guarding, door interlocks, and distributed emergency stop pushbuttons integrated into the Siemens safety logic to support operator protection. Hygienic, easy-to-clean surfaces and robust construction align with typical requirements for beverage and food-adjacent environments. Safety circuits and guarding contribute to reliable, compliant operation within industrial packaging settings.