

Used FUJI 410 sleeve applicator labeling machine for PET 10000 BPH

Machine type:	Labeling Machine
Ref:	ET255
Model:	410 DT-STH-DHA
Year:	2013
Speed:	10000 Bottles/hour
Condition:	Ready for Operation
Formats:	2 L
Containers:	PET
Products:	Beer, Oil, Spirits, Water (Sparkling), Water (Still), Wine (Sparkling), Wine (Still), CSD, Milk

Technical details

Rotation direction:	Linear	Number of stations:	1
No. of plates:	0	Plate movement:	N/A
Labeling method:	["Sleeving machine"]	Label placement:	["N/A"]
Label adjustment:	Auto	Optical centering system:	Photoelectric
Head adjustment:	Electric	Safety features:	Yes
Manuals:	No	Voltage:	400 V
Ampere:	16 A		

Description

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Technical Specifications & Performance Data

The Fuji Seal 410 DT-STH-DHA is an automatic linear sleeve labeling machine designed for the application of sleeve labels to PET bottles. Built in 2013, this high-performance unit reaches a maximum output of **10,000 bottles per hour**, supporting efficient label application in industrial packaging and beverage production environments.

- **Manufacturer:** Fuji Seal
- **Model:** 410 DT-STH-DHA

- **Year of construction:** 2013
- **Maximum speed:** 10,000 bottles per hour
- **Machine configuration:** Linear
- **Container material:** PET
- **Current bottle format:** 2.0L
- **Labeling method:** Sleeve application
- **Maximum reel diameter:** Ø 500 mm
- **Working table height:** 1200 mm

Advanced Automation & Control Systems

The machine is equipped with a Siemens PLC for controlled and simplified operation. Its six-reel configuration and automatic reel changeover are designed to support continuity during production, reducing interruptions associated with reel replacement. Clockwise operating direction is specified for integration planning and conveyor layout.

- Siemens PLC control system
- 6 label reels
- Automatic reel changeover
- Electrical supply: 400V, 3 Ph+N+T
- Electrical rating: 16A
- Compressed-air pressure: 6 bar

Production Line Integration Capabilities

This sleeve labeling machine can be positioned downstream of filling and capping equipment and upstream of secondary packaging machinery in a used bottling line. Its linear architecture is suitable for inline PET bottle handling and can be coordinated with conveyors, accumulation systems, inspection equipment, shrink wrappers, and palletizing equipment. The stated 2.0L format provides a defined basis for assessing bottle-handling components and change-part requirements.

Automatic sleeve labeling is applicable to beverage production lines processing soft drinks, still water, sparkling water, milk, beer, wine, alcoholic beverages, oil, and preserved products. As with other industrial packaging machines, line synchronization should consider bottle stability, conveyor speeds, sleeve material, and downstream package requirements.

Machine Condition & Maintenance History

The machine is stated as ready for use, refurbished, and supplied with compatible spare parts. A 6-month warranty is indicated. This condition makes the unit suitable for operators seeking second hand bottling equipment intended for prompt integration into a production line. The machine is offered under an as-inspected sale condition.

Operational Performance & Versatility

The Fuji Seal sleeve labeling system is intended for accurate automatic application of sleeve labels on PET bottles. Sleeve labeling provides a versatile decoration solution for beverage production and industrial packaging, allowing bottle presentation to be adapted to product and brand requirements. The label magazine, six reel positions, and automatic changeover arrangement support sustained labeling operations where reel availability and reduced manual intervention are important.

For production applications, sleeve materials, bottle geometry, shrink process configuration, and label artwork should be matched with the installed format equipment. The specified PET bottle application and current 2.0L format provide the primary operating reference for this machine.

Installation Requirements & Site Preparation

Installation requires a 400V three-phase electrical connection with neutral and earth, together with a compressed-air supply operating at 6 bar. The 1200 mm working table height should be considered when aligning infeed and discharge conveyors. Site preparation should provide adequate access for reel loading, automatic reel-change operation, routine cleaning, and service access around the labeling module.

Before commissioning within a used bottling line, bottle transfer conditions, conveyor elevations, electrical protection, air quality, and sleeve handling requirements should be coordinated with the surrounding packaging machinery.

Safety Standards & Compliance Certification

Safe operation of an automatic sleeve labeling machine depends on correctly maintained electrical connections, pneumatic services, machine guarding, and operator procedures. The Siemens-controlled system supports organized machine operation, while installation should include suitable isolation, emergency-stop integration, and access management in accordance with the applicable site safety requirements. Routine inspection of reel-handling areas and moving bottle-transfer components is important for reliable operation in industrial packaging environments.