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Used Tetra Pak TCAP 45 2005 1000SQ Helicap 27

Machine type:	Capping Machine
Ref:	TP130
Model:	45
Year:	2005
Speed:	7000 Packs/hour
Condition:	Ready for Operation
Formats:	1 L

Technical details

No. of heads:	1	Cap size:	HeliCap 27
Rotation direction:	Clockwise	Cap type:	["Plastic press-on cap"]
Safety features:	Yes	Manuals:	Yes
Width:	2545 mm	Length:	4250 mm
Height:	2660 mm	Weight:	1200 kg
Voltage:	400 V	Frequency:	50 Hz

Description

Used Tetra Pak TCAP 45 2005 1000SQ Helicap 27

Technical Specifications & Performance Data

The Tetra Pak Tetra Cap Applicator 45 is an industrial capping machine designed for the application of caps on carton packs within beverage production and industrial packaging operations. Manufactured in 2005, this second hand machine is configured for a production speed of up to **7,000 pph** and currently operates with the 1.000 Prisma SQ format.

- **Manufacturer:** Tetra Pak
- **Model:** 45
- **Year:** 2005
- **Production speed:** 7,000 pph
- **Current format:** 1.000 Prisma SQ
- **Current cap format:** Slim cap

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- **Alternative cap format:** HeliCap 27
- **Dimensions:** 4250 x 2545 x 2660 mm
- **Weight:** 1200 kg

Advanced Automation & Control Systems

This capping machine is intended for synchronized inline operation, applying caps consistently to packs supplied from an upstream filling machine. Its operating configuration supports stable handling of the current Prisma SQ format and provides the possibility of conversion to the HeliCap 27 cap format. Electrical supply requirements are 400V and 50Hz.

- **Electrical supply:** 400V, 50Hz
- **Compressed-air consumption:** 300 Nl/min at 5.5 Bar
- **Documentation:** Paper documentation included

Production Line Integration Capabilities

The Tetra Cap Applicator 45 is suited to integration into a used bottling line or carton packaging line, positioned after the filling stage to apply caps before downstream handling and secondary packaging. It can support beverage production environments where carton packs require reliable cap application as part of a coordinated industrial packaging process. Integration should include compatible product conveyors, pack spacing, cap supply arrangements and line controls matched to the selected pack and closure format.

The current setup is dedicated to the 1.000 Prisma SQ format with slim caps. A change to HeliCap 27 is possible, allowing the machine to be considered for production lines using this alternative cap style.

Machine Condition & Maintenance History

The machine is operational and has accumulated approximately 22,000 operating hours. This second hand Tetra Pak capping machine is supplied with paper documentation, supporting technical review, routine servicing and installation planning. Its operational condition makes it suitable for buyers seeking established bottling equipment for integration into an existing carton-pack production line.

Operational Performance & Versatility

Designed for cap application on Prisma SQ carton packs, the machine supports accurate closure placement at production speeds up to 7,000 pph. Capping machinery of this type plays an important role in maintaining pack usability and presentation by applying the selected closure format consistently before packs proceed to downstream packaging operations.

The installed slim-cap configuration is complemented by the possibility of conversion to HeliCap 27. Format and cap-change work should be planned with appropriate compatible components and line settings to maintain reliable pack handling.

Installation Requirements & Site Preparation

Installation planning should allow for a machine footprint of 4250 x 2545 mm and a height of 2660 mm, as well as safe access around the equipment for operation, cleaning and maintenance. The machine weighs 1200 kg, so the installation area should be prepared for appropriate load-bearing and handling arrangements.

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The site requires a 400V, 50Hz electrical supply and compressed air at 5.5 Bar, with consumption of 300 Nl/min. Conveyor height, pack transfer interfaces and cap-feed arrangements should be aligned with the upstream filler and downstream industrial packaging machinery.

Safety Standards & Compliance Certification

The machine carries CE marking. Safe commissioning should include verification of guards, electrical connections, pneumatic connections, emergency-stop functions and conveyor interfaces within the complete production line. Routine inspection and maintenance of cap-application components, pneumatic circuits and pack-transfer areas support reliable operation in beverage production environments.