Via Incisa 1, 37022
Fumane VR, Italy
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Used KOSME PALPACK-PS-DS palletizer 10800 BPH

Machine type:	Palletizer
Ref:	PAL54
Model:	PALPACK-PS-DS
Year:	2006
Speed:	10800 Bottles/hour
Condition:	Ready for Operation
Containers:	Glass, PET
Products:	Beer, Oil, Spirits, Water (Sparkling), Water (Still), Wine (Sparkling), Wine (Still), CSD

Technical details

Product type:	Bundles	Palletizer Type:	Conventional Automatic
Type of operation:	Fixed	Type of Handling:	Low level
Layering/Padding system:	Yes	Supported pallet dimensions:	["Eur-Epal pallet, 800x1200 mm","Cp1 1000x1200 mm"]
Unit of measure for speed:	["bottles per hour"]	Safety features:	Yes
Manuals:	No	Width:	6433 mm
Length:	8512 mm	Weight:	4500 kg
Power:	10.16 kW	Voltage:	400 V
Frequency:	50 Hz		

Description

Used KOSME PALPACK-PS-DS palletizer 10800 BPH

Technical Specifications & Performance Data

This Kosme PALPACK-PS-DS palletizer is engineered for high-efficiency end-of-line operations in beverage production and industrial packaging. Designed to palletize products in shrink-wrap or on tray, it offers reliable performance for second hand and used bottling line upgrades. Manufactured in 2006, it combines robust mechanics with Siemens automation for dependable, repeatable results.

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- **Manufacturer:** Kosme
- **Model:** PALPACK-PS-DS
- **Year:** 2006
- **Maximum speed:** up to 10,800 bottles per hour (3x2 pattern)
- **Supported pallets:** Eur-Epal 800x1200 mm; 1000x1200 mm
- **Work height (infeed level):** 900 mm
- **Dimensions:** length approx. 8512 mm; width approx. 6433 mm
- **Total weight:** 4500 kg
- **Installed power:** 10.16 kW
- **Electrical supply:** 400 V, 3-phase, 50 Hz
- **Pneumatic supply:** 6 bar
- **Automation:** Siemens S7 PLC with Siemens Simatic HMI
- **Layer pad inserter:** Automatic
- **Operation type:** Conventional automatic, low-level handling

Advanced Automation & Control Systems

Control is built around a Siemens S7 PLC paired with a Siemens Simatic HMI for clear operator guidance, diagnostics, and parameter management. The automation architecture supports high uptime and consistent pallet patterns with minimal manual intervention. Integrated recipe control and guided adjustments streamline format changes and ensure repeatable quality across different pack sizes and container materials. Electrical specifications are 400 V, 3-phase, 50 Hz with an installed power of 10.16 kW, suitable for most beverage production facilities.

Production Line Integration Capabilities

The PALPACK-PS-DS interfaces seamlessly with upstream shrink wrappers and tray packers, making it ideal for complete bottling and packaging lines. It handles packs and cases formed in wrap or on tray and is designed for PET, glass, and aluminum can containers. With low-level infeed at 900 mm, the machine integrates easily with existing conveyor systems and allows fast adjustments for different pack configurations and pallet formats (EPAL 800x1200 and 1000x1200 mm).

Machine Condition & Maintenance History

This unit is refurbished, guaranteed, and ready for immediate operation. It is offered with a 6-month warranty and supplied with compatible spare parts, ensuring smooth commissioning and reliable performance in a second hand or used bottling line environment.

Operational Performance & Versatility

Optimized for high-performance industrial packaging, the PALPACK-PS-DS palletizes shrink-wrapped bundles and tray packs across a wide product mix. Typical applications include water (still and sparkling), soft drinks, beer, wine, spirits, milk, and oil, as well as food conserves. The automatic layer pad inserter increases stability and protection

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during pallet build-up, while Siemens-driven motion and control enhance placement accuracy and repeatability at speeds up to 10,800 bph in a 3x2 pattern.

Installation Requirements & Site Preparation

Plan floor space to accommodate approximate dimensions of 8512 mm in length and 6433 mm in width, plus service and safety clearances. Utilities include a 400 V, 3-phase, 50 Hz electrical supply and compressed air at 6 bar. The low-level infeed height of 900 mm simplifies line integration. A flat, level foundation is recommended for precise alignment of conveyors and pallet handling modules.

Safety Standards & Compliance Certification

The machine bears CE marking and features guarded access with Siemens-based controls supporting safe operation. Operator stations include emergency stop functionality and interlocked areas to protect personnel during routine operation and maintenance. The design is suitable for food and beverage environments, contributing to safe and hygienic handling of PET, glass, and aluminum can packs.