

Used SIDEL seep-off depalletizer - Year 2013

Machine type:	Depalletizer
Ref:	DEPAL44
Model:	Sweep-Off
Year:	2013
Speed:	200 Units/hour
Condition:	Ready for Operation
Containers:	Glass
Products:	Beer, Oil, Spirits, Water (Sparkling), Water (Still), Wine (Sparkling), Wine (Still), CSD, Milk

Technical details

Feed:	["from the top"]	Operating type:	automatic
Handling:	Conventional	Safety features:	Yes
Manuals:	No	Power:	17.7 kW
Voltage:	400 V	Frequency:	50 Hz
Ampere:	32 A		

Description

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Technical Specifications & Performance Data

This Sidel Sweep-Off automatic depalletizer is designed to unload bottles and jars from palletized layers and transfer them efficiently to the downstream production line. Built in 2013, it is suitable for industrial packaging operations requiring reliable container handling at the start of a used bottling line.

- **Manufacturer:** Sidel
- **Model:** Sweep-Off
- **Production capacity:** up to 200 layers/hour
- **Processable pallet format:** 1000 x 1200 mm
- **Container materials:** Glass and Aluminum
- **Handled containers:** Bottles and jars

- **Installed power:** 17.7 kW
- **Electrical supply:** 400 V, 3-phase + protective earth, 50 Hz
- **Full-load current:** 32 A
- **Operating pressure:** 6 bar

Advanced Automation & Control Systems

The machine operates automatically through a Siemens S7-300 PLC and a B&R Panel PC 800 operator interface. This control architecture provides operators with an intuitive interface for managing depalletizing cycles, pallet handling and line transfer operations. Automated control supports consistent layer discharge and coordinated operation with connected bottling equipment.

Production Line Integration Capabilities

The Sweep-Off depalletizer is positioned at the infeed of a bottling or industrial packaging line, where it transfers containers from 1000 x 1200 mm pallets to conveyor systems feeding downstream process equipment. It can be integrated with rinsing, filling, capping, labeling and secondary packaging machinery. Its handling capability for glass bottles, aluminum cans and jars makes it suitable for flexible beverage production and packaged food applications.

For a second hand production line, the depalletizer provides an important automated material-handling function by reducing manual pallet unloading and maintaining a controlled flow of empty containers toward the line.

Machine Condition & Maintenance History

The machine is ready for operation and has been overhauled. Compatible spare parts are available, and the machine is supplied with a 6-month warranty. Its stated ready-to-use condition makes it suitable for buyers seeking a used bottling line component that can be integrated into an existing industrial packaging installation.

Operational Performance & Versatility

This automatic depalletizer is intended for bottles and jars used in preserves, still water, sparkling water, soft drinks, milk, oil, beer, wine and spirits production. The Sweep-Off handling concept supports orderly transfer from pallet layers to the production line, helping maintain a continuous container supply to downstream bottling equipment. Its compatibility with glass and aluminum containers broadens its use across beverage production and food packaging environments.

Installation Requirements & Site Preparation

Installation planning should allow for pallet loading and unloading access, the 1000 x 1200 mm pallet footprint, and connection to infeed and discharge conveyors. The electrical installation requires a 400 V, 3-phase + protective earth supply at 50 Hz. Compressed air provision at 6 bar is required for operation. Site layout should also provide safe operator access around the pallet handling area and adequate space for routine service activities.

Safety Standards & Compliance Certification

The Sidel Sweep-Off depalletizer carries CE marking. Automated pallet and layer handling requires integration with suitable line safety arrangements, controlled operator access and emergency-stop provisions within the overall

production line. Correct installation, safeguarding and commissioning are essential to support safe operation in beverage production and industrial packaging environments.