

Used SIDEL monocolumn Palletizer 200 Unit per hour -Year 2013

Machine type:	Palletizer
Ref:	PAL62
Model:	Monocolumn
Year:	2013
Speed:	200 Units/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

Product type:	PET	Palletizer Type:	Conventional Automatic
Type of operation:	Rotating arm	Type of Handling:	High level
Layering/Padding system:	Yes	Supported pallet dimensions:	["Eur-Epal pallet, 800x1200 mm"]
Unit of measure for speed:	["Layers per hour"]	Safety features:	Yes
Manuals:	No	Width:	1200 mm
Length:	800 mm	Power:	73 kW
Voltage:	390 V	Frequency:	50 Hz
Ampere:	60 A		

Description

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Technical Specifications & Performance Data

The Sidel Monocolumn palletizer is an automatic palletizing solution designed for the efficient end-of-line handling of PET bottles in industrial packaging and beverage production environments. Built in 2013, this machine is configured to

process a current bottle format of **2.0L** and can reach a maximum performance of **200 layers per hour**.

- Manufacturer: **Sidel**
- Model: **Monocolumn**
- Manufacturing year: **2013**
- Container material: PET
- Current format: 2.0L bottles
- Maximum capacity: 200 layers per hour
- Supported pallet: Eur-EPAL 800x1200 mm
- Installed power: 73 kW
- Working plane height: 800 mm

Advanced Automation & Control Systems

The palletizer is controlled by a Siemens PLC, providing dependable automated coordination of palletizing movements and end-of-line material handling. The electrical system is configured for three-phase operation, with a rated voltage of 390 V and a frequency of 50 Hz. Full-load current is rated at 60 A.

An automatic layer-sheet inserter is included. This system places interlayer sheets between product layers to improve load separation, support pallet stability, and protect packaged PET bottles during handling and transport.

Production Line Integration Capabilities

This automatic palletizer is suitable for integration at the end of a used bottling line, after secondary packaging equipment such as shrink wrappers, case packers, or bundle handling conveyors. It is designed to stack packaged PET bottles onto Eur-EPAL pallets measuring 800x1200 mm.

Its application is appropriate for beverage production lines handling natural water, carbonated water, soft drinks, milk, beer, wine, spirits, oil, and preserved products. The Monocolumn configuration supports organized pallet formation for industrial packaging operations where reliable transfer from packaging machinery to warehousing or dispatch is required.

Machine Condition & Maintenance History

The machine is reconditioned and ready for operation. It is supplied with a 6-month warranty and compatible spare parts are available. This second hand palletizer is intended for buyers seeking a prepared end-of-line solution for integration into an operating production line.

Before installation, the purchaser can verify the selected pallet pattern, product pack configuration, conveyor interfaces, and layer-sheet specification to ensure compatibility with the intended packaging process.

Operational Performance & Versatility

The Sidel Monocolumn palletizer handles PET bottle packs and provides automatic layer formation and pallet stacking. The integrated layer-sheet application system is particularly useful where stable, separated pallet layers are required for storage and transport.

With a maximum output of 200 layers per hour, the machine supports efficient downstream handling in beverage production and other packaged-product applications. Its automated operating concept helps maintain a consistent palletizing process while reducing manual pallet-loading activities.

Installation Requirements & Site Preparation

Installation requires a level industrial floor and sufficient clearance for pallet infeed, finished-pallet discharge, operator access, and connection to upstream and downstream conveyors. The working plane height is 800 mm and should be considered when aligning the machine with the existing conveying system.

The site must provide three-phase electrical power compatible with the machine's 390 V, 50 Hz electrical rating. Compressed air at 6 bar is required. Pallet supply, interlayer-sheet replenishment, and safe access around the palletizing area should be planned as part of commissioning.

Safety Standards & Compliance Certification

The machine carries CE marking. A palletizer installation should include appropriate operator access control, emergency-stop verification, and safe isolation procedures during maintenance, pallet changes, and layer-sheet replenishment. Safety functions and interfaces should be checked during installation and commissioning within the complete production line.