

Used Automatic Depalletizer ITALPROJECT Maxipedal

Machine type:	Depalletizer
Ref:	DEPAL39
Model:	Maxipedal
Year:	2005
Condition:	In Storage

Technical details

Feed:	0	Operating type:	0
Unpadding system:	Yes	Pallet storage available:	Yes
Handling:	0	Safety features:	Yes
Manuals:	Yes	Width:	5189 mm
Length:	9580 mm		

Description

Technical Specifications & Performance Data

The ITALPROJECT Maxidepal is a fully automatic depalletizer designed to efficiently unload palletized layers of containers for high-throughput beverage production and industrial packaging environments. This second hand machine combines robust mechanical design with proven Italian engineering to deliver reliable performance in demanding applications.

- **Manufacturer:** ITALPROJECT
- **Model:** Maxidepal
- **Machine type:** Automatic Depalletizer
- **Year of manufacture:** 2005
- **Operating hours:** less than 4,000
- **Capacity:** up to 60 layers per hour
- **Automation level:** Fully automatic
- **Key equipment features:** tier sheet handling, tier sheet storage, pallet storage, pallet conveying, perimeter safety barriers
- **Use cases:** integration in a used bottling line or industrial packaging line handling palletized containers

Advanced Automation & Control Systems

The Maxidepal offers fully automatic depalletizing sequences to streamline end-of-line or front-of-line operations. It is engineered to interface with upstream pallet logistics and downstream conveyors for continuous flow. Safety barriers and interlocked access points protect operators while ensuring uninterrupted operation.

- Automatic layer-by-layer unloading with controlled sequencing
- Tier sheet handling for consistent removal and storage between layers
- Interlocked safety guarding for secure operation
- Designed for integration with standard PLC/HMI line controls
- Clean, accessible design for adjustments and routine checks

Production Line Integration Capabilities

This depalletizer is well-suited for beverage production and industrial packaging lines that require stable, predictable container flow from pallets to conveyors. It can be configured to work inline with rinsing, filling, capping, labeling, and packaging machinery on a complete bottling line.

- Compatible with downstream conveyors for container flow to rinsers, fillers, cappers, and labelers
- Supports format changes associated with different pallet patterns and layer pads
- Ideal for integration in used bottling line upgrades or second hand line expansions
- Engineered for palletized containers typically used in PET, glass, or can operations

Machine Condition & Maintenance History

This unit is a second hand machine with limited use and a clean service profile. It has accumulated less than 4,000 operating hours and has been professionally dismantled, making it ready for transport and recommissioning.

- Operational status: dismantled and ready for sale
- Operating hours: less than 4,000
- General condition: good, suitable for integration into existing lines after standard commissioning

Operational Performance & Versatility

The Maxidepal supports high-throughput operations with its 60 layers/hour capability, making it appropriate for medium to high-speed beverage and packaging facilities. Tier sheet management and storage enhance process stability when handling pallets with layer pads.

- High productivity for continuous operations
- Tier sheet handling ensures reliable, repeatable layer separation
- Pallet storage and pallet conveying streamline logistics and buffer capacity
- Suitable for container depalletizing applications common in beverage production

Installation Requirements & Site Preparation

The machine is designed for straightforward integration into existing layouts. It requires appropriate floor space for the depalletizer frame, pallet infeed, pallet storage, tier sheet storage, and downstream conveyor connections. Standard industrial utilities and anchoring points are typically required.

- Provision for pallet infeed and discharge conveyors
- Space for tier sheet storage and pallet buffering
- Standard industrial power supply and safety interfaces
- Anchored installation on a level foundation

Safety Standards & Compliance Certification

Operator safety is supported by safety barriers and interlocked access points, enabling efficient operation with minimized risk. Emergency stop circuits and guarded zones allow maintenance and format interventions with controlled access.

- Perimeter safety barriers and interlocked access
- Emergency stop functions at operator stations
- Designed for food and beverage environments, with robust and cleanable construction
- Suitable for compliance with standard industrial safety practices