

Automatic depalletizer with high-level discharge



OEM	UNIMAC-GHERRI
Model	UNI 550
Country of origin	Italy



Description:

Depalletizer for cans, bottles and glass jars with high-level discharge, consisting of:

- Four-column structure for full pallet lifting
- Layer pusher featuring motorised bar
- Two (2) layer-pad grip unit with pneumatic motion
- Layer-discharge conveyor with mesh belt in plastic material
- Loading/unloading reference units for the forklift
- Pallet conveyors with motorised rollers and with motorised chains
- Operator platform in painted metal with handrails and stairs
- Layer-pad supporting bracket
- Perimetric safety fences
- Electric installation as per CE regulations (class 2) with PLC Siemens S7
- Pneumatic installation

Options

- Automatic pallet magazine
- Automatic layer-pad remover
- Container aligner at machine outfeed

- Pallet unwrapping station

Operation

The operator places the pallet at the machine infeed and manually removes the protective film. Then he/she presses the confirmation button. The pallet is automatically transferred into the machine lifted. The layer is automatically pushed to the discharge conveyor by a motorised bar or box-type translator. The layer-pad is removed manually by the operator or, as an option, by an automatic layer-pad removing system. At outfeed the depalletised containers are aligned in a single row by an aligner, supplied as a option.

Technical data

- Pallet dimensions
 - 800x1200mm
 - 1000x1200mm
 - 1120x1420mm
 - Max pallet height 2800mm
- Max. speed: up to 5 layers/minute
- Installed power 9 KW
- Air consumption: 250Nl/1

Technical features:

Pallet deminsions	800x1200mm
Pallet deminsions	1000x1200mm
Pallet deminsions	1120x1420mm
Output	up to 5 layers / minute
Max. pallet height	2800mm
Installed power	9kW
Compressed air comsumption	250 nL/cycle