



Di901

Depalletizer Complete Plane

DESCRIPTION

Boxes depalletizer by complete layers, which moves these from the pallet to the pattern breaker table or dumper module.

It's prepared to depalletize a wide variety of boxes and patterns with complete security, because it holds every layer with 4 clamps.

OPERATION

Being the pallet in the depalletizing zone, the gripper lowers to the highest layer's height. At this point, it closes the clamps, securing the layer, and the main clamp ascends. Then it moves horizontally to the unloading zone, where it's placed.

In case of unloading on a table, the pattern is undone by rows, moving the layer row by row to a box extractor conveyor.

The decomposition table changes depending on the pattern to depalletize and the installation configuration.

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TECHNICAL DATA

- Production** 3.5 layers/minute.
- Installed power** 3.5KW.
- Max. load** 150 kg/layer.
- Air consumption** 35 LN/minute.

FEATURES

- Built with electro welded steel tubes, conformed plate and sheet bars.
- Finished in epoxy paint, dual component polyurethane or zinc coated.
- Vertical movement using auto tightening chains and guided by vulcanized wheels.
- Vertical movement using rack and pinion.
- Four pressure vulcanized clamps with precision guides and pneumatic closure.
- Control using touchscreen.
- Possibility under request of automating the movimenting pallets process and empty pallets stacking.
- Possibility under demand of designing the clamps according to the customer's needs.
- Unloading over dumping module option.

ADVANTAGES

- Minimal maintenance.
- High production.
- Adaptable to your work system.
- Adaptable to a wide range of boxes and patterns.
- Maximum security while moving the layer.

