



- ▶ High level infeed  
Layer Palletizer

# High level infeed Layer Palletizer



High-Level Infeed Layer Palletizers are ideal solutions for projects that require to palletize products at very high speeds and throughputs, with packages that require a more delicate handling.

By forming and stacking complete layers on an elevated position, these machines guarantee greater stacking stability, significantly reducing the risk of damage during stacking, transportation and storage, at very high speed.

Layer palletizers are widely used to palletize products, in particular those with irregular shape or that require delicate handling like bags, open lid cases, open trays, clusters and shrink-film packs.

Ensuring great stacking stability after being palletized as well as a more delicate care of the product to reach the end consumer in perfect condition.

In addition, it is a more suitable in situation you need to palletize many different products with diverse formats and sizes, as format dimensional changeovers are easy and performed automatically.

## DESCRIPTION

The product is fed to the machine at an elevated position by a synchronized conveyor and transferred, sorted by product spacing and turning devices. The design of these machines includes a forming head mounted on a 4-column structure, allowing to perform the products sorting, grouping as well as layer forming, centering and stacking operations on an elevated position. A process configuration which allows achieving significantly greater stability at very high palletizing speeds.

These palletizing process system allows the forming of the product layers to be independent of the layers stacking process on the pallet. This independence is achieved by an agile interaction between the bottom gate system and the layers stacking system, thus achieving maximum production speeds.

Operator interface (HMI), for the management of the whole line. Additionally, to format change operations, manual movement, machine diagnostics, alarms and further visual and acoustic signals.

Automation of empty pallet infeed, full pallet outfeed and interlayer application.



**150**  
Air Consumption  
Litres / min

**120**  
Packs / min

**16kw**  
Setup Power

**6**  
Layers/ min





# Industries



- Aerosol



- Food
- Food Fridge



- Chocolates
- Candys



- Personal Care



- Drinks



- Coffee
- Pasta



- Paints
- Pinturi



- Farmacy



- Paints



- Home Health



- Appetizers



- Pet food

# Packaging



Containers



Film




Cases



Open-Lid Cases



Tray and Film



Bags





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