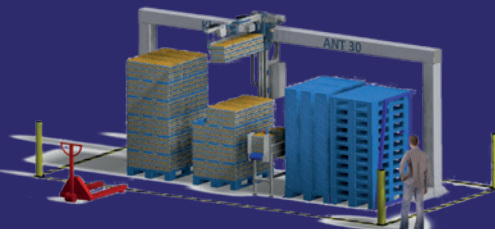


# New and tailored: Automatically the best choice for you!

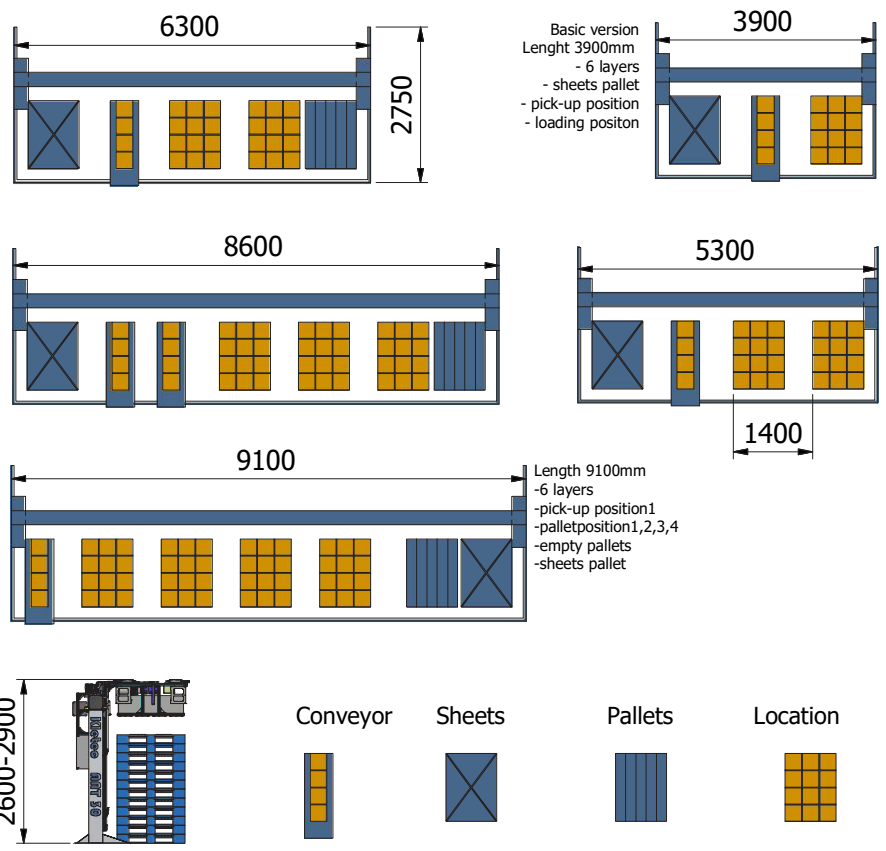


# kletec

Efficient stacking



## ANT30 PALLETISER



Dimensions    See overview drawings  
Capacity    Max 80,000 eggs/hr.  
Current use    8kVA.  
Voltage    400V 3ph + N 50-60Hz.  
Compressed Air use    ECS: not applicable  
Paper trays: capacity    25 L/min 7 bar.  
Number of layers    ECS max. 6 layers,  
paper trays max 5 layers

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## Standard configuration:

- Conveyor (pick-up).



- Palletising position.
- Position for sheets.
- Maximum pallet height 6 layers.
- Eggs Cargo System (ECS) 12 stacks per layer.
- Safety screen with infrared sensors.



User-friendly.



## ANT30 Palletiser

ANT30 Palletiser is a system that automatically places rows of four stacks of six trays on a pallet. The ANT30 is suitable for palletising stacks made by one or two stackers/packers. The system has a maximum capacity of 80,000 eggs per hour. The ANT30 is intended for plastic trays.

### Functioning of the ANT30 Palletiser

It is obvious that a palletiser speeds up the work and makes it easier. The tray stacks end up on the pick-up belt one by one. As soon as the fourth stack is in position, all four stacks are being picked up and placed on the pallet by the Kletec gripping system. This unique system ensures that the stacks are placed in the exactly correct position rather than sliding them into position. Subsequently the pins are smoothly pulled from under the stacks. This all results in a securely built-up pallet. A pallet that is stably built-up reduces the risk of hairline cracks in the eggs or shifting of the stacks during transport.

The special feed belts at the pick-up position ensure that the four stacks being picked up are always meticulously positioned. The gripper head places the empty pallets and middle sheets into the right position so as to automatically load a full pallet.

We set the desired number of pallet positions during the installation of the palletiser. The automatic pallet scan always notices where the tray stacks can be placed. When the ANT30 Palletiser has two pick-up positions and at least two pallet positions to be loaded, optionally you can process different types of eggs simultaneously.

### Optional

The pallet positions can be equipped with an automatic pallet transport system that is sufficiently low to be able to pick up the pallets by use of a simple pallet jack. The pallet transport has room for two full pallets (one of which is being loaded and one full pallet).

This takes place in the shielded area where the robot is operating. If required, the pallet transport can also move full pallets outside the robot cell. This is only possible in combination with a muting-function of the safety screen.

## ANT30 Palletiser options

- Extra pick-up position.
- Pallet positions (maximum of five).
- Palletising by automatic pallet transport.
- Pallet conveyor line inside or outside work area.
- New feed belts and customised per client.
- Partitioning by use of mirror posts (as a result part of the fence is sometimes no longer required).
- Position for empty pallets (max. twelve pallets high)
- Processing of pulp trays, optionally with wooden pallets.
- ANT10 tray stacker.
- ANT5 tray buffer providing the denester with empty trays to realise continuous processing (filling) of trays.



## Why an ANT30 Palletiser?

- Always a new and perfect machine!
- All Kletec products are manufactured using the similar parts, which can be supplied worldwide.
- Both plastic and paper trays.
- Loading pallets with 5 or 6 tray stack layers.
- The ANT30 Palletiser is able to process several packers simultaneously.
- Eggs of different ages are easily kept separate.
- 4 stacks of 6 trays are picked up by the ANT30. The packing machine's capacity is not influenced by the robot.
- Easy and convenient operation.
- Reliable, outstanding accessibility and low maintenance.
- The machine is fully electrical and energy-efficient!

## Standard automated pallet scan



## Minimal contact with the floor



## Durable construction



## Pallet lanes (optional)

