

kletec
Efficient stacking



**ANT20
TROLLEYLOADER
TRAY STACKER**



Specifications:

- Trolley mode : depending on the tray type
30,000 eggs per hour,
- Tray mode : 5x6 standard egg tray,
30,000 eggs per hour
- Compressed air use : 25ltr/min 6 bar
- Power supply : 230Vac+N+ground
10 amperes



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ANT 20

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Accessible



Flexible

ANT20 Trolleyloader / 30-er traystacker combi

This machine is a system that automatically fills trolleys with setter trays. The ANT20 is intended for various brands/types of setter trays and can also handle 30-er trays. This system, coupled with a Hatchery Packer, automatically moves the filled setter trays onto the setter or transport trolley. The ANT20 can handle different brands of setter trays. Moreover, handling 5x6 standard egg trays is available as an option.



ANT20 properties:

- Compact machine. The unique design allows this machine to make clever use of the available space.
- Suitable for various types/brands of setter trays.
- Handling 5x6 standard egg trays is available as an option.
- Careful egg treatment.
- Easy operation.
- Machine is available in various configurations. Such as wide transport trolleys and long setter trolleys.

Process description:

The trolley is placed and fixed in the ANT20. When the trolley is in position, the machine recognises the trolley. The operator can now begin the process of loading the trolley. The loading order can be pre-set in the ANT20.

The ANT20 scans the trolley and automatically continues loading in empty spots. This means a partially loaded trolley can be placed back in the machine in order to be filled completely.

Once the trolley is filled, the machine gives a signal and stops the process. The filled trolley can then be switched with the next trolley.

Operation:

The ANT20 uses the gripper-head to take the full setter tray from the Hatchery Packer.

The setter trays are positioned in the relevant trolley with special grippers.

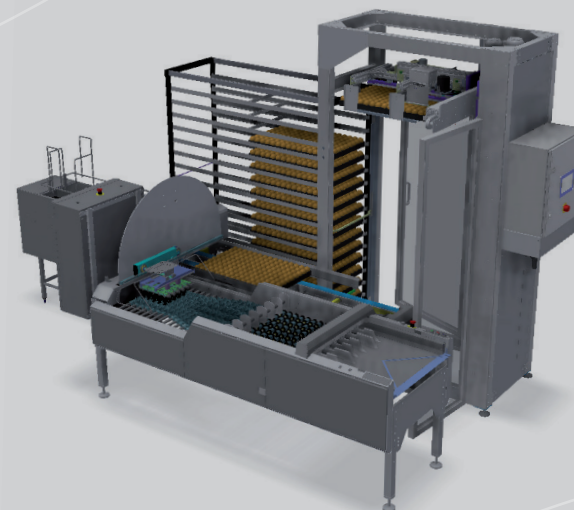
Once all positions have been filled, the full trolley must be replaced by an empty or partially filled trolley, after which the process can be restarted.

Flexibility:

With the 5x6 standard trays option, stacks of 6 trays can be stacked onto a buffer conveyor.

This requires exchanging the gripper-head for the trays needs to be exchanged and placing a buffer conveyor. This gripper exchange, including placing the buffer conveyor, can be completed within several minutes. This conveyor is placed in the clamping station of the trolley and has a buffer possibility for -6- stacks of 6 5x6 trays.

The gripper-head exchange and placing the buffer conveyor does not affect the physical dimensions of the ANT20. This option is particularly convenient at the start and end of the laying round.



Compact



Clear overview