



# Pas Reform Automatic egg transfer system

For transferring eggs from setter tray to hatcher  
basket in a single movement



Pas Reform  
Hatchery Technologies



# Automatic egg transfer system

## Benefits

For the gentle, automatic transfer of eggs from setter tray into the hatcher basket. All the eggs can be smoothly transferred into the basket in a single movement for maximum capacity, which minimises the risk of cracks. The transport of setter trays and hatcher baskets is automated and smoothly adjusted for seamless operation, with scope for full connectivity to additional systems, such as candling systems, stackers, destackers and washing lines. Durable, stainless steel design for easy cleaning and maximum hygiene.

## How it works

- Eggs are transported automatically in setter trays by a conveyor to the transfer position
- An empty hatcher basket is transferred to the loading position, right beside the setter tray
- A vacuum transfer head lifts all the eggs from the tray simultaneously and gently lowers them into the hatcher basket
- Both the empty setter tray and the full hatcher basket are released for further transport and handling, while the transfer system is loaded with a new tray and basket to repeat the sequence.

Automatic transfer of eggs from setter tray into hatcher basket

## Related products

- ▶ Setter trolley unloader
- ▶ Candling & take-out machine
- ▶ Egg detection system with setter tray remover
- ▶ Stacker for full hatcher baskets onto dolly
- ▶ Destacker for empty hatcher baskets
- ▶ Empty setter tray stacker
- ▶ Setter tray washing machine
- ▶ Paper cutting and laying machine



## Technical Specifications

|                    |  |
|--------------------|--|
| Capacity           | > 600 trays/hour (90,000 eggs per hour)      |
| Installed power    | > 12 kW                                      |
| Air consumption    | > 26.7 litre/min at 6 bar                    |
| Material           | > Stainless steel AISI304 (where applicable) |
| Dimensions (LxWxH) | > 4300 x 2000 x 2100 mm                      |
| Weight             | > 1,000 kg                                   |
| IP Marking         | > Motors IP55                                |
|                    | > Sensors IP68 / IP69K                       |
|                    | > Control panel IP66                         |



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