



# Pas Reform Candling, take-out and transfer system

For automatic candling, clear egg removal and the automatic or semi-automatic transfer of eggs from setter tray to hatcher basket



**Royal Pas Reform**  
Integrated Hatchery Solutions



# Candling, take-out and transfer system

## Benefits

Easy and flexible in operation, this unit candles and transfers up to 50,000 eggs per hour, depending on which version is selected. When equipped with the mobility package, the whole system can easily be positioned wherever it is needed in the hatchery, with an inline candling light system for continuous operation and a data registration interface, to provide information that helps to optimise process control. A semi-automatic transfer unit can easily be replaced by a fully automatic option, to reduce the number of operators required.

## How it works

- The light sensor in the candling unit scans each tray, revealing whether eggs are fertile or clear by the amount of light passing through each egg. This information can be recorded into the hatchery's database for review, reference and reporting
- Infertile (clear) eggs are automatically removed from the setter tray and discharged for further handling. The proportion of fertile to infertile eggs has no effect on machine capacity
- Remaining fertile eggs are then picked up from the setter tray by the vacuum transfer unit, to be placed gently into hatcher baskets either automatically or semi-automatically, depending on the system chosen
- Adding an in-ovo vaccination unit to the system is also an option

## Related products

- ▶ SmartTray™ 150
- ▶ SmartTray™ 162
- ▶ SmartBasket™
- ▶ Setter trolley unloader
- ▶ Automatic transfer system
- ▶ Setter tray stacker
- ▶ Manual packing station
- ▶ Vacuum waste hopper



## Technical Specifications

|                     |                                                                              |
|---------------------|------------------------------------------------------------------------------|
| Capacity            | > 36,000 to 50,000 eggs per hour                                             |
| Candling categories | > Fertile and clear                                                          |
| Type of poultry     | > Chicken; Duck                                                              |
| Dimensions (LxWxH)  | > 3250 x 1240 x 1900 mm (including transfer unit)                            |
| Power consumption   | > 3.0 kW                                                                     |
| Air requirement     | > 5 litre/min at 7 bar                                                       |
| Material            | > Stainless steel, equipped with a 5 x 7 cm touch screen full colour display |
| Includes            | > Candling data program<br>> Internet connection via company wi-fi /network  |
| Optional            | > Mobility package<br>> In-ovo vaccination preparation                       |



**Royal Pas Reform**

Integrated Hatchery Solutions

Bovendorpsstraat 11  
7038 CH Zeddum  
The Netherlands

Phone +31 314 659 111  
info@pasreform.com  
www.pasreform.com