



SmartBasket™

Driving performance and
uniformity in the hatchery

Enhance the comfort of
modern embryos during
the critical phase of hatching,
with a new hatcher basket
that was designed to deliver
uniform airflow and promote
maximum chick quality.



Pas Reform
Hatchery Technologies

SmartBasket™

Improved hatcher basket design delivers uniform air flow

Genetic selection for high postnatal growth has produced modern broilers that demonstrate much higher metabolic heat production than embryos from traditional breeds. Controlling air temperature to prevent heat stress during incubation is therefore a critically important feature of modern hatchery practice.

SmartBasket™ from Pas Reform has been designed specifically to optimise hatchability and uniformity, by delivering a constant air flow over the eggs in the hatcher, which improves the transfer of heat from the hatching eggs to the air.

- New design! Unobstructed ventilation holes in corner and side wall structure assure uniform air flow in the hatcher, enhancing control of the hatching process for optimum chick viability.
- With breed selection redefined to further improve egg production and growth rate, the basket's side walls are higher and volume has been increased to accommodate bigger eggs and larger day old chicks.
- New bottom design concentrates eggs in the centre of the basket – like a natural bird nest. The resulting contact between eggs enhances communication between hatching embryos, to effectively synchronise hatching and narrow the hatch window.

- HACCP compliant: Lightweight, easy-clean, 'food safe' polyethylene minimises the risk of contamination by pathogens like Aspergillus Fungi, Salmonella and Campylobacter. UV stabilized to prevent deterioration in sunlight, resistant to strong disinfectants and light grey for at-a-glance assurance of proper cleaning.

- Suitable for conveyor transfers, automated stacking, high-pressure washing and broad temperature changes thanks to material stiffness, dimensional stability and high impact-resistance. Blind find bottom design means SmartBasket™ easily finds its secure locking position for fast, stable stacking.

- Ergonomically designed lateral hand holds provide maximum grip, comfort and confidence during handling.

- Designed with a smooth interior to enhance the welfare and protection of day old chicks. Small ribbons in basket floor prevent splayed-leg chickens. Extra side bars and specially adapted bottom design prevent any part of a day-old-chick from protruding through the crate, for extra security during handling.

Technical specifications

- Injection moulded from strong, resilient, high-density polyethylene (HDPE)
- Dimensions (l x w x h) 790 x 560 x 140 mm
- Weight 2495 grams
- Resistant to strong disinfectants



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Pas Reform
P.O. Box 2
7038 ZG Zeddam
The Netherlands

Phone +31 314 659 111
Fax +31 314 652 575
E-mail info@pasreform.com
Internet www.pasreform.com

