



Pas Reform SmartHatchPro™

Modular hatcher for hen eggs

Fully automated hatching system, to product healthy,
highly uniform day old chicks



Pas Reform
Hatchery Technologies



SmartHatchPro™

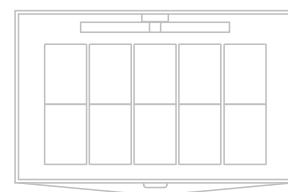
SmartHatchPro™ was specifically designed to meet the stringent hygienic requirements of the modern hatchery

Benefits

Fully automated, modular hatching system, with Vortex™-based airflow for the accurate regulation of temperature, heating, cooling, humidity and ventilation, produces healthy, highly uniform day old chicks. Modular hatcher control prevents cross contamination from older to younger batches, because eggs of different ages need not be mixed. Incorporates SurroundCooling™, a system of cooling circuits integrated into the smooth, anodized aluminium walls of the hatcher. Securely placed and compartmentalized sensors in the central operating console allow for high pressure cleaning without risking damage. All surfaces, fixings and finishes are designed to resist the ingress of moisture and bacteria, preventing the creation of dirt traps.

How it works

- Stacked hatcher baskets filled with eggs are positioned inside the SmartHatchPro™ on dollies
- The automatic hatching program assures optimal climate conditions for the embryo's by carefully controlling cooling and ventilation settings
- Sectional incubation allows the hatch window to be monitored
- Increases and decreases of humidity result in an automatically generated message when the majority of the chicks have hatched
- After unloading, the machine is easily and thoroughly cleaned due to smooth anodized aluminium panels without the exposed cooling coils of conventional systems
- An electrical heating device assures optimal temperatures for drying and pre-heating



Related products

- ▶ SmartBasket™
- ▶ Hatcher dolly
- ▶ SmartTouch™
- ▶ SmartWatch™
- ▶ SmartCenterPro™



Technical Specifications

Type	16 Dolly	17 Dolly
Capacity of eggs (based on 150 egg tray)	> 19,200	> 20,400
Capacity of eggs (based on 162 egg tray)	> 20,736	> 22,032
Number of hatcher baskets	> 128	> 136
Height/width*/depth (mm)	> 2459 (+300) / 3184 / 2211 (+72 for central operating console)	
*Add 51 mm for standalone incubator		
Number of hatcher dollies	> 5	
Heating	> Electrical heating	
Cooling	> SurroundCooling™: 12 parallel water cooling circuits, incorporated in aluminium cabinet walls	
Humidification	> Nozzle or humidity roller	
Incubator control	> SmartTouch™ user interface, including multiple machine control	
SmartWatch™ (optional)	> Hatch window module including fully integrated sensor box, with high precision electronic humidity and CO ₂ control	



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