The Best Performing Single Stage Incubation System in the World
The Starting Point for the Best Chicks in the World

In commercial and breeder production, the Avida Single Stage Incubation System is the leader in reliability, high hatchability, bio-security and ease of operation.

Discover why the Avida Symphony line, ChickMaster’s next generation of Avida setters and hatchers, is the ideal investment and best performing incubation system on the market. Over 20 operational and structural improvements, including high-efficiency corrugated cooling coils, more durable trolleys, a more efficient water distribution system, greater corrosion resistance and larger windows, are now standard features on all Avida models.

Uniform Airflow: The Key to Successfully Managing the Incubation Process

- Designed for maximum airflow between egg trays, with a single trolley between the fan and the wall
- Trays are perpendicular to the paddle fan, forming a clear air pathway that results in uniform temperatures over each egg
- Bi-directional paddle fan blades ensure consistent and uniform temperature distribution in the entire setter

Designed for Single Stage Operation

- 30 years of experience in single stage technology with continuous improvements
- Unique design for single stage operation, with capacity range from 10,000 to 133,000 eggs
True Modular Design for Accurate Zonal Control

- Individual temperature zone control adapts to the needs of each flock to optimize hatchability and uniformity
- Uniform airflow allows controlled moisture loss throughout the entire egg mass
- One- to four-zone systems provide complete control of temperature, humidity, and airflow dynamics in each section of the setter
- 4 or 6 trolleys per zone allow custom configuration to meet any desired production capacity

Unique Turning Options

- Each trolley has a direct connection with your choice of floor- or roof-turning mechanism, to ensure a consistent turning angle for every egg tray
- ‘S’ series floor-turning system is easy to remove for cleaning and maintenance, and is standard on Avida Symphony and Avida S models
- Roof-turning system allows for maintenance from the outside of the cabinet and is standard on Avida T models

Easy to Operate

- Access any feature of the incubation system with the easy-to-use, intuitive Genesis IV control system
- Interactive, user-friendly icons display multiple functions

Uncomplicated, Low-Maintenance Design

- Limited moving parts simplify Avida maintenance requirements
- Advanced and reliable controls and components engineered by Allen-Bradley and Omron
The Most Energy-Efficient Incubation System on the Market

- The only system to offer energy savings with dual-use, high efficiency corrugated coils for both heating and cooling
- Fan motors equipped with variable frequency drive (VFD) for adjustable speed, bi-directional rotation and energy efficiency
- Molded dampers and press-on gaskets provide a better seal, allowing for accurate control of temperature, humidity, airflow and CO2 levels

Hot Water Heating

- Rapid temperature increase of the egg mass results in a narrow hatch window and energy savings

Wide Choice of Tray and Trolley Options

- Compact trolley design with 32, 34, and 36 tray frame options, allows more eggs in less space
- Extensive selection of egg trays for specific applications from automation to vaccine production
- Lightweight, aluminum frame trolleys for easy maneuverability

Accurate Environmental Control

- Anemometer provides precise air intake volume for improved room ventilation management and outstanding hatch results
- Sophisticated software uses true PID algorithms to maintain temperature and humidity levels on a very narrow band
Designed for Bio-Security and Safety

- Break Glass feature provides immediate cooling in case of a high temperature alarm, providing additional and valuable reaction time
- Standard smooth fiberglass walls facilitate ease of cleaning

Superior Airflow Keeps Chicks Cool and Comfortable

- Uniform airflow provides even temperatures, allowing the hatch to progress naturally while producing a narrow hatch window
- Baskets are placed between the paddle fan and hatcher wall, providing efficient airflow and heat removal
- High-capacity cooling coils maintain the appropriate temperature inside the hatcher baskets, keeping chicks comfortable

Modular, Flexible Design

- Avida H can accommodate a wide variety of hatcher baskets and egg capacity to adapt to any production requirement
- Choose from one- or two-zone models with independent temperature control for each zone
- Capacity range from 20,000 to 60,000 eggs
Hatchery in Harmony

When your chicks are in tune, productivity soars

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About ChickMaster

Since 1948, ChickMaster has been a leader in the poultry industry, keeping hatcheries in harmony with a comprehensive offering of incubation, ventilation and management systems, supported by ChickMaster’s renowned Hatchery Solutions Team. A true partner in integrated hatchery management, ChickMaster supports hatcheries with an eye towards profitability, a focus on proactively answering industry needs, and a reputation for quality. **Learn more at www.chickmaster.com**