

Avida
SETTER



The Best-Performing Single Stage Setter in the World



ChickMaster



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

Discover how the Avida is designed and operates to maximize results, making it the ideal economic choice and the best-performing single stage setter on the market.

The Starting Point for the Best Chicks in the World



Uniform airflow creates the perfect micro climate around each egg

Uniform Airflow: The Key to Avida's Success

- Trolleys are perpendicular to the paddle fan forming clear pathways for uniform airflow and temperature over each egg
- Designed for maximum airflow in every egg tray in the trolley
- Single trolley positioned between the fan and the wall provides an efficient solution to optimize airflow
- Bi-directional paddle fan blades ensure consistent uniform temperature distribution

Designed for Single Stage Operation

- 30 years of experience in single stage technology with continuous improvement
- Unique design for single stage operation
- Capacity Range from 10,000 to 133,000 eggs

True Modular Design for Accurate Zonal Control

- One- to four-zone systems provide complete control of temperature, humidity, and airflow dynamics in each section of the setter
- Uniform airflow yields consistent temperatures and controlled moisture loss throughout the entire egg mass
- 4 or 6 trolley design allows custom configuration to meet any desired production capacity
- Individual zone control adapts to different flock needs to optimize hatch



Genesis IV user-friendly touch screen

Easy to Operate

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



Avida A8S two zone setter with floor turning

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
- Roof-turning system allows for maintenance from the outside of the cabinet

Uncomplicated, Low-Maintenance Design

- Very few moving parts make Avida maintenance simple and economical
- Controls engineered with Allen-Bradley or Omron components offer the most advanced technology



Loading an Avida A24

Most Energy-Efficient Incubator on the Market

- The only system with dual-use temperature coils for both heating and cooling, giving greater energy savings
- Molded dampers and double-sealed doors allow for accurate control over temperature, humidity, airflow and CO₂ levels
- Fan motors equipped with variable frequency drive (VFD) for adjustable speed and bi-directional rotation



Genesis IV controls communicate with Maestro system for integrated hatchery management

Accurate Environmental Control

- Anemaster gives precise air intake volume for improved room ventilation management and outstanding hatch results
- Sophisticated software system uses true PID algorithms to maintain temperature and humidity levels

Hot Water Heating

- Rapid temperature increase of the egg mass saves energy and leads to a narrow hatch window

Wide Choice of Tray and Trolley Options

- Compact trolley design with 32, 34, and 36 tray frame options, allowing more eggs per square foot or meter
- Extensive selection of egg trays for specific applications from automation to vaccine production



ChickMaster 82 Egg Tray



Optional roof-turning mechanism



Avida S floor-turning detail



Avida setter corridor



Easy to maneuver trolleys

ChickMaster provides a complete line of products and services that meet the needs and demands of today's hatcheries.

Incubation Systems



Environmental Systems



Management Systems



Upgrades & Replacement Parts



About ChickMaster

Since its founding in 1948, ChickMaster has evolved into one of the most comprehensive and technologically advanced partners for hatcheries around the globe. The Company maintains its longstanding commitment to building and supporting leading-edge setters and hatchers. In addition, ChickMaster offers products and solutions that complement any environment, optimizing hatchability through better air, moisture, and security controls. **Learn more at www.chickmaster.com.**

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