

Multi-stage

INCUBATORS & HATCHERS

JAMESWAY



JAMESWAY 



ADVANCING EGGS EFFICIENTLY

through the incubation and hatching processes





Multi-stage

A COMPLETE LINE OF INCUBATORS AND HATCHERS

At Jamesway, you will find a complete line of multi-stage incubators and hatchers for chicken, turkey, and duck. Each of these products can be upgraded with additional options, accessories, and services in order to help you create and manage your worry free hatchery.

Incubators

Three models of incubators:

- Hatch Commander: small capacity - only for chicken eggs
- Big J: Large capacity for chicken, turkey, and duck eggs—available in conventional dimensions, as well as a space-saver model
- Super J: Extra large capacity for chicken, turkey, and duck eggs—available in conventional dimensions, as well as a space-saver model

Hatchers

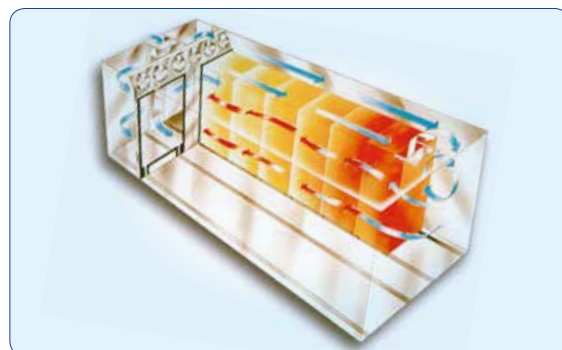
Two models of hatchers available in both Big J and Super J capacities for chicken, turkey, and duck:

- Two-door Commonwall Hatcher: Our legacy model for hatchers, with a negative exhaust system that runs constantly to ensure a healthy and clean environment
- PX Hatcher: Our positive exhaust model, where the damper only opens when necessary, saving energy along the way

Ambient technologies

Complete custom-designed ventilation systems enable you to better create and manage a good environment for your eggs and poultry:

- Heating, ventilation, and air conditioning systems and controls, designed and developed to meet your specific requirements
- Heat recovery systems that use the embryo heat to heat the hot water supply



Options

We also have a wide range of accessories for our multi-stage machines:

- High Temperature Back-up Alarm System enables you to monitor critical operating temperatures in the incubator and/or hatcher
- Hatchcom III allows you to centrally monitor and control multiple incubators and hatchers
- Hatchery Disinfectant System automatically executes preprogrammed disinfecting procedures in order to ensure bio-security in the hatchery
- And more

DISCOVER MORE MULTI-STAGE ACCESSORIES ON WWW.JAMESWAY.COM



Multi-benefits

NO ONE DELIVERS MORE THAN JAMESWAY

In 1959, Jamesway pioneered multi-stage incubation, enabling eggs to be set in less than five minutes without individual egg handling. Since then, we have further fine-tuned our multi-stage systems to deliver more hatches, with higher energy efficiency, and greater cost effectiveness.

MORE HATCHES - Good environment

Our multi-stage machines feature technology to ensure that in each stage of development, the embryos receive the proper care and mixture of heat, moisture, and carbon dioxide.

MORE ENERGY EFFICIENCY - Low energy consumption

The environmental system concentrates conditioned fresh air to cool the oldest eggs, while using the heat from the advanced eggs to warm the early developing embryos. As a result, you can realize savings on your heat expenditures.

MORE COST EFFECTIVENESS - Low total cost of ownership

Controls, user-friendliness, durable components and spare parts limit costs over the entire lifespan of your incubation and ventilation systems.

- Low-maintenance. All components are built to last a lifetime, reducing the need for maintenance and repairs, as well as the risk of long downtime.
- Easy to clean. All parts of the machines are easily accessible, simplifying maintenance and cleaning, and reducing sanitation risks. The entire cleaning process takes only minutes.
- User-friendly. Our multi-stage systems are easy to operate. They require less egg handling, thus reducing the need for manual intervention, as well as the risk of egg breakage.

EXCLUSIVE FEATURE OF PX HATCHERS

The PX Hatcher features our patented pressurized-exhaust (PX) air flow system, which increases hatchability and improves chick quality. This feature eliminates the need for a blower and auxiliary damper motor, thus reducing electricity consumption while maintaining a more balanced environment. The result is greater uniformity in temperature and humidity, as well as more consistency in air velocity.

Advancing eggs efficiently through the incubation and hatching processes

FULLY EQUIPPED

The multi-stage incubators and hatchers are equipped with the required software and hardware to provide a good environment for eggs and hatches.

This includes a complete set of racks and egg flats to fill the incubator, as well as dollies and baskets to fill the hatcher.



Jamesway multi-stage incubator

1. Patented Laminar Air Flow.

The multi-stage environmental system concentrates conditioned fresh air to cool the oldest eggs while using the heat and CO₂ given off by the oldest eggs to warm the early developing embryos. At each stage of development, the embryos receive the proper combination of heat, moisture, and CO₂, producing more first quality hatches. No additional cooling equipment is required.

2. Controls.

The multi-stage control system is both user-friendly and economical. The high-contrast digital LED temperature readouts and status indicators provide quick and easy insight into all critical machine functions. All control components are housed in a robust stainless steel enclosure mounted on the front of the machine for easy access and servicing.

3. Egg racks.

The egg racks are made of hot-dipped galvanized steel and are equipped with an air cylinder, polyurethane air lines, and an egg-turning sensor.

4. Egg flats.

The egg flats are easy to handle and clean. They also help protect against breakage and contamination from the moment the eggs leave the farm. Egg flats are available in seven sizes for chicken, turkey, and duck.

5. Dollies and baskets.

The plastic baskets are manufactured from polyethylene for improved rigidity, lighter weight, and improved stacking, resulting in fewer damaged eggs.

They are also designed with more open area on the sides and bottom for better ventilation.

6. Thoughtful design.

Every detail of the multi-stage machines has been designed for ease of use.

For example, the PX Hatcher includes doors that can be mounted for either left-hand or right-hand opening to a full 180 degrees and are equipped with vinyl bulb-type gaskets. Center-guide mechanisms in the PX Hatcher direct dollies to the back stop in the hatcher, for a consistent hatching system.

A stack of several brown eggs is shown against a dark blue background. The eggs are arranged in a slightly overlapping manner, with the largest one in the center. At the bottom of the image, a white ECG (heart rate) line is visible, suggesting a focus on health or vitality.

**YOUR PARTNER
FOR A WORRY FREE HATCHERY**



Expert services

SUPPORT BEFORE, DURING, AND AFTER INSTALLATION

It is Jamesway's mission to ensure customers a worry free hatchery. To achieve this, we provide rock-solid products as well as extensive support before, during, and after installation of our incubators and hatchers.

Plan

METICULOUS PLANNING

Constructing a hatchery is a high-tech project. Each phase has its own specific challenges and requirements. Jamesway helps plan the entire project, from design up to construction and installation.

Design

CUSTOMIZED HATCHERY DESIGN

We provide custom hatchery design, as well as design services specific to ventilation and water treatment requirements. Our experienced staff use your specific requirements to provide advice and assistance to ensure high hatchability and chick quality. Based on your specific requirements and the available floor space, we provide a lay-out for your hatchery.

Install

WORRY FREE INSTALLATION

No need to worry about the installation of our equipment—it is easily connected to water, air, and electrical power supply. You can also call upon our certified installation technicians to supervise the installation process in order to ensure that all is installed correctly and efficiently.

Maintain

EXTENSIVE AFTER-SALES SERVICE

Our equipment is composed of durable parts. However, if a problem should occur, we offer troubleshooting advice over the phone, as well as on site, when required.

We have a large parts catalogue containing more than 2,000 items that we can quickly ship and deliver to help keep your hatchery's downtime to an absolute minimum.



Incubators & Hatchers

DIMENSIONS

Dimensions	Height	Length	Width
Conventional Model	2.52 m (8' 3")	8.44 m (27' 8")	3.05 m (10' 0")
Hatch Commander	2.52 m (8' 3")	4.51 m (14' 10")	3.05 m (10' 0")
Space Saver Model	2.52 m (8' 3")	7.55 m (24' 9")	3.05 m (10' 0")
Space Saver Model Turkey or Duck	2.52 m (8' 3")	6.45 m (21' 2")	3.05 m (10' 0")
PX Hatcher	2.13 m (7' 0")	2.13 m (7' 0")	2.99 m (9' 10")
Two-door Commonwall Hatcher	2.13 m (7' 0")	1.83 m (6' 0")	2.75 m (9' 0")

CAPACITY - INCUBATORS

Incubator capacity	Eggs per flat	Racks per cabinet	Weekly settings	Incubator capacity	Hatcher capacity
Chicken					
Big J / Super J	36	12	2	77,760	12,960
	42	12	2	90,720	15,120
	77	12	2	83,160	13,860
	84	12	2	90,720	15,120
	168	12	2	90,720	15,120
Hatch Commander	36	6	1	38,880	12,960
	42	6	1	45,360	15,120
	77	6	1	41,580	13,860
	84	6	1	45,360	15,120
	168	6	1	45,360	15,120
Turkey or Duck					
Big J / Super J -	25	8	1	31,200	7,800
	30	8	1	37,440	9,300

CAPACITY - HATCHERS

Incubator capacity	Baskets per hatcher	Dollies per hatcher	Incubator capacity	Hatcher capacity
PX Hatcher	90	3 double	Big J	12,960
	90	3 double	Super J	15,120
Two-door Commonwall Hatcher	90	2 single and 2 double	Big J	12,960
	90	2 single and 2 double	Super J	15,120

Five reasons to choose Jamesway

**A world leader in incubators, ventilation systems,
and other hatchery equipment for the poultry industry**

**Reliable and consistently performing products
that ensure high hatchery output**

**Expert support, including quick access
to durable spare parts and after-sales services,
all over the world**

**Continuous research and development of software
and hardware to ensure high hatchery productivity**

**Over 100 years of experience as a manufacturer
for the poultry industry**

**Check our website for more information on Jamesway products and
services: www.jamesway.com**

Regional sales contacts

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