

YOUR  
PARTNER  
FOR A

**WORRY  
FREE  
HATCHERY**

**JAMESWAY** 

Since 1915, Jamesway has been the industry standard for incubators and hatchers. We install the best machines and equipment, ensuring that our customers get the largest return on their investment.

We understand the industry better than any other company because our specialists have done your job. Our experts from the hatchery industry ensure that we make the best, most reliable and easy to use equipment on the market.

Hatchery management is not a science that can be developed in a laboratory. It involves a total understanding of all the variables involved: equipment, HVAC, labor, egg supply, transportation and so on.

Jamesway's team of experts design the equipment and systems that ensure peace of mind.

## **Active Worldwide**

All over the world, the demand for protein is rising, especially for poultry. In order for integrated protein producers and poultry companies to meet the growing demand, they need to be able to rely on a rock-solid hatchery.



A Worry Free Hatchery is a state of mind. It is the knowledge that your equipment is solid, that your HVAC is efficient and that your embryos are nestled in the perfect environment. Jamesway is the partner you need to create an operation that thrives and produces quality chicks. You can experience complete confidence in your incubators and hatchers when you know that they have been

tuned to precisely meet the needs of your embryos. Jamesway offers a fleet of machines famous for reliability and longevity, perfectly adapted to the chaotic, vital world of the hatchery.

## **Our Vision: Jamesway strives to make poultry protein accessible and affordable throughout the world**

Jamesway is a global player in the poultry industry. A network of agents, distributors, and technical representatives ensures direct assistance in all parts of the world.

### **Canada**

Headquarters,  
Parts warehouse,  
and manufacturing plant

30 High Ridge Court  
Cambridge, ON N1R 7L3  
CANADA

Phone: (519) 624-4646  
Fax: (519) 624-5803  
Toll Free: 1-800-203-2299

### **United States**

Parts warehouse  
1105-C Technology Drive  
Indian Trail, NC 28079  
USA

Phone: (704) 821-3168  
Fax: (704) 821-3190  
Toll Free: 1-800-438-8077

### **China**

Parts warehouse,  
and manufacturing facility  
Beijing, CHINA

Phone: +86 10 6789 2665  
Fax: +86 10 6789 2655

# Ensuring Worry Free Hatcheries

# History

**1890**

Creation of the James Manufacturing Company

**1915**

Brings its first incubator to market

**1959**

Launches the world's first multi-stage incubation system, includes the patented laminar airflow pattern and plastic egg flats, which greatly improves energy and egg handling efficiency

**1985**

Hatchcom enables hatchery managers from all over the world to manage their Jamesway equipment from a central location

**1992**

Develops and installs the first Jamesway single-stage incubation and hatchery system

**1997**

Improves transport efficiency by introducing the patented self-stacking tray for eggs, doubling the amount of eggs that a typical transport vehicle can carry from the farm to the hatchery

**1999**

Develops Guardian Controls for management of ventilation systems and rooms

**2002**

Launches Platinum 1.0 Single-Stage

# 2005

Platinum P120 cabinet size, holding up to 129,024 eggs, launched

# 2008

Comparisons confirm Platinum 2.0 has lowest energy consumption, with considerable energy savings

Dual Zone controls developed

# 2009

Opens manufacturing plant in China

# 2013

Launch of Platinum 2.0

Launch of HatchSense

# 2014

Launches new brand and focus: "Your Partner for a Worry Free Hatchery".

# 2018

Launches Hatchcom 4

24V DC Platinum control system released

XCM single-stage replacement for fixed rack multi-stage incubators

Platinum 2.0 family expanded to include the P10 for 10,000 eggs

# 2019

AirWAY Ventilation Solutions Launched

Designing and installing incubation systems and hatchery equipment has been the core business of Jamesway for over 100 years. We have used this experience to continuously deepen and broaden our expertise, develop innovative products and practices, and enhance our services.



# Products

## Reliable Products

Ensuring worry free performance

As a leading company in the worldwide poultry industry, we offer solutions for all of your hatchery needs. This includes a complete line of single-stage and multi-stage incubation systems, controls, heating, ventilation, and air conditioning equipment, heat recovery solutions, and an extensive range of incubator and hatchery accessories.

### Incubators and Hatchers

Since the 1950s when Jamesway pioneered the way for multi-stage incubation, we have perfected our design and developed a full line of multi- and single-stage incubators. The technology in our machines ensures optimal incubation and an excellent hatching environment.

### AirWAY Ventilation Controls and Systems

Producing healthy birds and ensuring high hatchability requires you to quickly and easily adjust the environment in the incubation and hatching system. We provide controls software, ventilation, air conditioning, heat recovery, and other types of equipment to create your complete hatchery ecosystem. Three different options to choose from: AirWAY Element, AirWAY Modular and AirWAY Classic.

### Accessories

Fertile eggs need careful management from the time they are laid until they leave the hatchery. Over the years, we have researched and developed an array of accessories to facilitate that management. Egg flats, transport racks, backup alarms, disinfectant systems, etc. are available to complement your incubation and hatchery environment.

The logo for AirWAY features the word "AIRWAY" in a bold, blue, sans-serif font. The letter "W" is stylized with three horizontal wavy lines passing through it, suggesting air or ventilation. The logo is set against a white background with a subtle drop shadow.

# Services

## Expert Services

Solid support throughout the hatchery life

There are many challenges in planning, installing, and operating a modern-day hatchery. Based on our extensive experience in incubation systems, automation, ventilation, and transportation solutions, we offer expert support at every phase of the hatchery's life-cycle.

### Installation in the Field

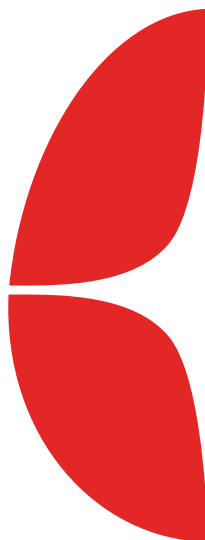
No need to worry about the installation of our equipment. We have a team of certified technicians to supervise the installation and to ensure the correct and efficient assembly in any environment.

### Expert Troubleshooting Advice

Always at your service, our Technical team offers expert troubleshooting advice, hatching assessments as well as training and coaching. Now our Platinum Response Team is available to respond to your calls 24/7 anywhere in the world.

### Is Your Existing Hatchery Performing at its Best?

Our staff has years of experience in the poultry industry. They are always at your service to provide advice and assistance. In other words, they assist you in creating the best-operating conditions to produce healthy chicks.







# Real Value for Money

## Ensuring Continuity, Now and in the Future

The effective functioning of your hatchery is essential to meeting customer deliveries. Reliable and consistently performing incubators and ventilation systems ensure an excellent environment for your eggs and chicks at all times. Readily available, easy to find and durable spare parts reduce the risk of long downtime. As a result, you can depend on your hatchery's high output and that equals peace of mind.

## Easily Tuned to Changing Needs

Our designs, as well as our equipment, are easily adapted to new requirements allowing your hatchery to grow and expand.

# Cost Efficiency Ensured

## Easy to Install and Maintain

Expertly trained technicians work with your own crews to ensure your machines are perfectly installed and operationally excellent. We keep your maintenance in mind as we develop our machines in order to make replacing parts as simple as possible.

Parts are available through your sales representative or online store.

[www.jameswayparts.com](http://www.jameswayparts.com)

# Easy to Use, Easy to Install, and Easy to Maintain

## Low Total Cost of Ownership

Advanced controls, user-friendly, durable components and spare parts ensure **low installation, operation, and maintenance costs** over the entire life span of your incubation and ventilation systems.

## Saving Energy

Hatchery managers are thankful for any design improvement that **increases cost savings**. Since our machines are designed by experts who know the poultry industry you can guarantee that the savings are built in:

- Cost-effective water heating systems and **heat recovery solutions**
- **Minimum of 50%** savings of electrical usage compared to our competitors, and often as **high as 80%**
- **Fully sealed, insulated cabinets** maintain the environment needed, without losses of air (and energy) through belt drive roof openings
- **Small, 1/3 HP motors** on variable speed drives move air effectively throughout the cabinet without high electrical draws of larger motor and fan assemblies.

## User-Friendly Machines

Jamesway equipment is easy to operate. This means a cost savings in not having to provide extensive, specialized training.



# Worry Free

## The Cornerstone of a Worry Free Hatchery

The Platinum 2.0 series is a complete line of single-stage incubators and hatchers for chicken, turkey and duck. Easy to use, easy to install and easy to maintain, the P2.0 is designed to give you excellent hatches so you feel confident in your equipment. With state of the art controls, and incredible energy efficiency, these machines will give you the peace of mind of a worry free hatchery.

Platinum  
Special Edition 2.0



# Platinum 2.0

## Efficient ECU

The P2.0 is famous for its 4 small, variable speed fans. While the fans add to the machine's energy efficiency, they - along with the entire ECU - can be removed for complete disinfection of the machine.



## Digital Controls

Jamesway's 12" touchscreen allows you to program your machines and have complete environmental control. Remote access enables you to monitor and control the units from a mobile device. This means faster intervention to help prevent conditions that may have a negative effect on your hatch.





## Air Flow

Our smaller fans provide the most uniform air flow in the industry, contributing to excellent hatch results.



## Air Cylinder

Each Platinum 2.0 incubator rack has its own air cylinder to turn the eggs. The turning mechanism can also work outside the machine to implement turning while in storage.



## HatchSense Monitor/Booster

Sensing the very first chick or poult hatching, HatchSense performs the necessary adjustments needed to boost the strength of the hatchlings allowing them to obtain nourishment as soon as they need it while shortening the hatch window.



## Windows

Monitor the incubation and hatching process without unnecessary loss of heat or CO<sub>2</sub> that would result from opening the doors. Horizontal windows on incubators enable you to check the rack turning. Vertical windows on hatchers allow you to check the progress of the hatch.



## All Jamesway Single-Stage machines are made to operate as Pre-Incubation Heat Treatment machines

When you need to store eggs for longer than 7 days, the world's largest breeder suppliers recommend using pre-incubation heat treatment during storage to improve the hatchability of your eggs (SPIDES).

Platinum incubators can efficiently provide the heat treatment required.

# Self-Stacking Transport System (SST)

Transport twice as many eggs from farm to hatchery, for turkey or chicken.

## Improving the efficiency of egg transfer

The transfer of eggs from farm to hatchery is a critical stage. The Jamesway Self-Stacking Tray (SST) transport system increases the number of eggs that a typical transport vehicle can deliver – and reduces breakage rates at the same time.

Easily and safely stack your SST egg flats on the reusable plastic pallets of the SST transport system. The pallet has a maximum capacity of 11,088 eggs loaded in SST egg flats stacked as high as 22 tiers.

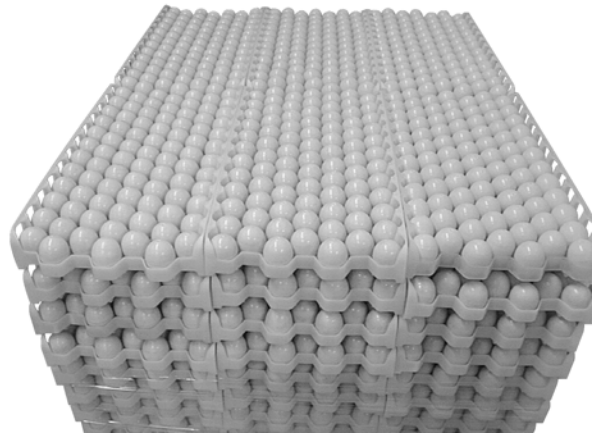
Secure your loaded pallets for transport with a plastic wrap that is easy to remove once the pallets arrive at the hatchery.

The SST transport system is compatible with all Jamesway incubator and farm racks.

The SST transport system is compatible only with Jamesway incubator and farm racks.

## Streamlining the egg transportation process

The SST transport system consists of self-stacking SST egg flats which are transported on a large reusable plastic pallet with interlocking side rails and guides. The system allows SST egg flats to be easily, efficiently and securely stacked for transport from farm to hatchery.



	Size	Weight Pallet & Cap	Brace
<b>Pallet</b>	3' 4" x 4' x 6" 1016 x 1219 x 152 mm	44.5 lbs. 20.2 kg	8 lbs. (2 req'd.) 3.6 kg (2 req'd.)
<b>SST Egg Flat</b>	2' x 1' x 2.899" 609 x 304 x 73.63 mm	1.1 lbs. 0.5 kg	



# Excellence

## Multi-Stage Excellence

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 better hatches, with higher energy efficiency, and greater cost effectiveness.

### GREAT ENVIRONMENT HATCHES MORE CHICKS

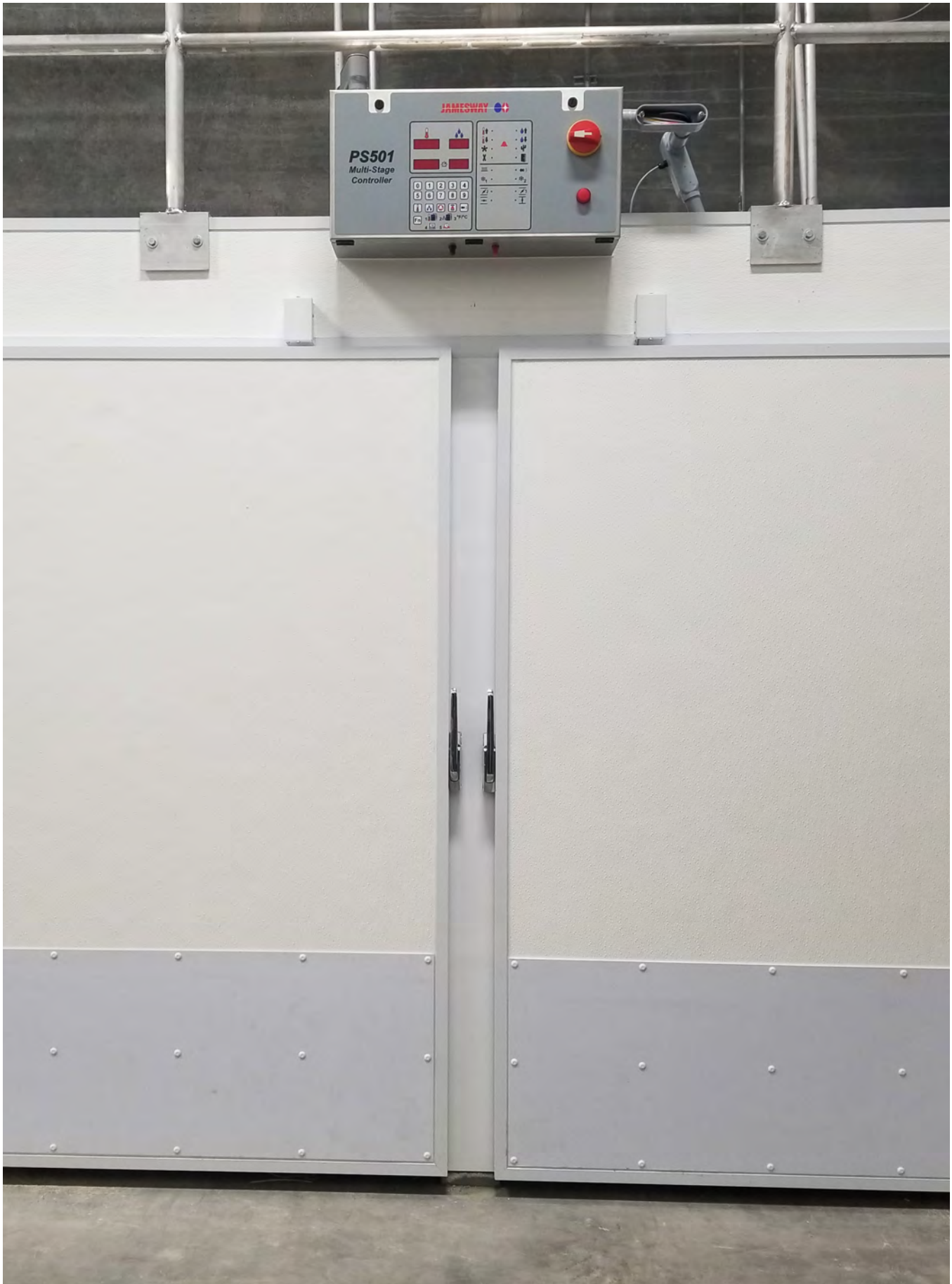
Our multi-stage machines feature technology to ensure that in each stage of development, the embryos receive the proper care and mixture of heat, moisture, and carbon dioxide.

### MORE ENERGY EFFICIENCY

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

### MORE COST EFFECTIVENESS

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



# Multi-Stage Incubator and PX Hatcher

## Small Fans

Our multi-stage machines use small energy efficient fans that are easy to clean and maintain and offer superior air flow.



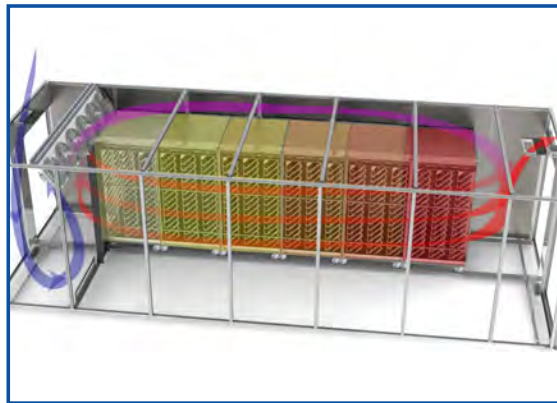
## Controls

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. Upgrades from older controls are available.



## Patented Laminar Air Flow

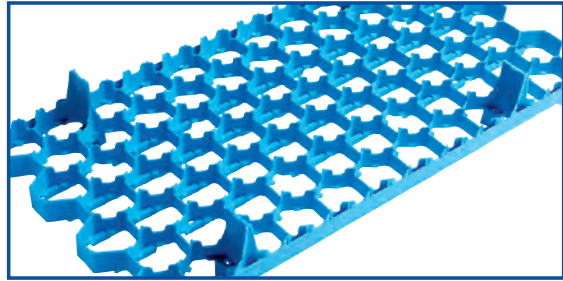
The multi-stage environmental system concentrates conditioned fresh air to cool the most mature eggs while using the heat and CO<sub>2</sub> given off by the maturest eggs to warm the early developing embryos. At each stage of development, the embryos receive the proper combination of heat, moisture, and CO<sub>2</sub>, producing more first quality hatches. No additional cooling equipment is required.



# Accessories for all machines

## Egg Flats

Our egg flats 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.



## Dollies and Baskets

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



## Back Up Alarm

This accessory provides an independent method for monitoring abnormally high or low operating temperatures in multiple incubators or hatchers.



## Hatchcom 4 and Guardian

The [Hatchcom 4](#) management tool enables you to monitor and control all your incubators and hatchers on site, including machine status viewing, historical data storage and analysis and profile management. You can even access this information from your mobile devices.

Jamesway's [Guardian](#) system gives hatchery managers complete control of their incubation and hatching environment. It offers an accurate means of monitoring and controlling temperature, humidity, and pressure.



# Capacity

## Incubators - Multi-Stage

Incubator Capacity	Eggs Per Flat	Racks Per Cabinet	Weekly Settings	Incubator Capacity	Hatcher Capacity
<b>Chicken</b>					
Big J	36	12	2	77,760	12,960
Super J	42	12	2	90,720	15,120
Big J	77	12	2	83,160	13,860
Super J	84	12	2	90,720	15,120
Super J	168	12	2	90,720	15,120
Hatch Commander	36	6	1	38,880	12,960
Super J	42	6	1	45,360	15,120
Big J	77	6	1	41,580	13,860
Super J	84	6	1	45,360	15,120
Super J	168	6	1	45,360	15,120
<b>Turkey or Duck</b>					
Big J	25	8	1	31,200	7,800
Super J	30	8	1	37,440	9,300
<b>Dimensions</b>		<b>Height</b>	<b>Depth</b>	<b>Width</b>	
Conventional Model		2.52m (8'3")	8.44m (27'8")	3.05m (10'0")	
Hatch Commander		2.52m (8'3")	4.51m (14'10")	3.05m (10'0")	
Space Saver Model		2.52m (8'3")	7.55m (24'9")	3.05m (10'0")	
Space Save Model Turkey or Duck		2.52m (8'3")	6.45m (21'2")	3.05m (10'0")	
PX Hatcher		2.13m (7'0")	2.13m (7'0")	2.99m (9'10")	
Two-door Common-wall Hatcher		2.13m (7'0")	1.83m (6'0")	2.75m (9'0")	

## Hatchers - Multi-Stage

Hatcher Capacity	Eggs Per Flat	Baskets Per Hatcher	Hatcher Capacity	
<b>Chicken</b>				
Big J	36	90	12,960	
Super J	42	90	15,120	
Big J	77	90	13,860	
Super J	84	90	15,120	
Super J	168	90	15,120	
<b>Turkey or Duck</b>				
Big J	25	78	7,800	
Super J	30	78	9,360	
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 Common-wall Hatcher	90	2 single and 2 double	Big J	12,960
	90	2 single and 2 double	Super J	15,120

## Incubators - Platinum 2.0 Single-Stage

Dimensions	Height	Depth	Width
P10 Compact	2.48m (8.2")	1.42m (4'7")	2.94m (9'8")
P20 Small	2.48m (8'2")	2.84m (9'4")	2.94m (9'8")
P40 Medium	2.48m (8'2")	2.84m (9'4")	3.91m (12'10")
P60 Large	2.48m (8'2")	2.84m (9'4")	5.35m (17'7")
P80 Double Deep	2.48m (8'2")	5.35m (17'7")	3.91m (12'10")
P120 Extra Large	2.48m (8'2")	5.35m (17'7")	5.35m (17'7")

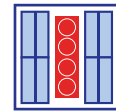
Incub. Cap.	Egg Flat Cap.	P10 Comp.	P20 Small	P40 Medium	P60 Large	P80 Double Deep	P120 Extra Large
Chicken							
15 Tier	36	8,640	17,280	34,560	51,840	69,120	103,680
	77	9,240	18,480	36,960	55,440	73,920	110,880
	42	10,080	20,160	40,320	60,480	80,640	120,960
	84	10,080	20,160	40,320	60,480	80,640	120,960
	168	10,080	20,160	40,320	60,480	80,640	120,960
16 Tier	36	9,216	18,432	36,864	55,296	73,728	110,592
	77	9,856	19,712	39,424	59,136	78,848	118,272
	42	10,752	21,504	43,008	64,512	86,016	129,024
	84	10,752	21,504	43,008	64,512	86,016	129,024
	168	10,752	21,504	43,008	64,512	86,016	129,024
Turkey/Duck							
13 Tier	25	5,200	10,400	20,800	31,200	N/A	N/A
	30	6,240	12,480	24,960	37,440	N/A	N/A

COMPACT  
1/2 Depth  
P10



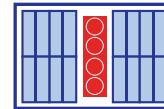
2 racks

SMALL  
Single Depth  
P20



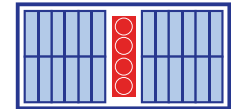
4 racks

MEDIUM  
Single Depth  
P40



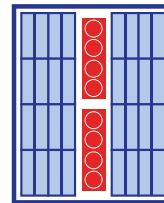
8 racks

LARGE  
Single Depth  
P60



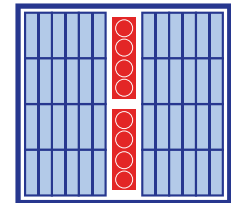
12 racks

MEDIUM  
Double Depth  
P80



16 racks

EXTRA LARGE  
Double Depth  
P120



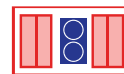
24 racks

## Hatchers - Platinum 2.0 Single-Stage

Dimensions	Height	Depth	Width
P10 Compact	2.48m (8.2")	1.42m (4'7")	2.94m (9'8")
P20 Small	2.48m (8'2")	2.84m (9'4")	2.94m (9'8")
P30 Medium	2.48m (8'2")	2.84m (9'4")	3.91m (12'10")
P40 Large	2.48m (8'2")	2.84m (9'4")	4.40m (14'5")

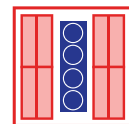
Hatcher Capacity	P10 Compact	P20 Small	P30 Medium	P40 Large
Chicken - 15 Tier	10,080	20,160	30,240	40,320
Chicken - 16-tier	10,752	21,504	32,256	43,008
Turkey/Duck	6,240	12,480	18,720	24,960

COMPACT  
P10



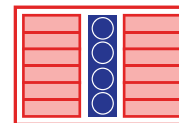
2 Double Dollies

SMALL  
P20



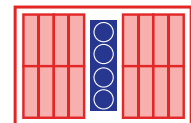
4 Double Dollies

MEDIUM  
P30



6 Double Dollies

LARGE  
P40



8 Double Dollies

Check our website for more information  
on Jamesway products and services:

[www.jamesway.com](http://www.jamesway.com)

[www.jameswayparts.com](http://www.jameswayparts.com)

#### Regional sales contacts

[Africa-sales@jamesway.com](mailto:Africa-sales@jamesway.com)

[Asia-sales@jamesway.com](mailto:Asia-sales@jamesway.com)

[Australia-sales@jamesway.com](mailto:Australia-sales@jamesway.com)

[Canada-sales@jamesway.com](mailto:Canada-sales@jamesway.com)

[China-sales@jamesway.com](mailto:China-sales@jamesway.com)

[Europe-sales@jamesway.com](mailto:Europe-sales@jamesway.com)

[LatinAmerica-sales@jamesway.com](mailto:LatinAmerica-sales@jamesway.com)

[MiddleEast-sales@jamesway.com](mailto:MiddleEast-sales@jamesway.com)

[Russia-sales@jamesway.com](mailto:Russia-sales@jamesway.com)

[USA-sales@jamesway.com](mailto:USA-sales@jamesway.com)



30 High Ridge Court, Cambridge,  
Ontario - Canada N1R 7L3  
Tel 519 624 4646 | Fax 519 624 5803  
[service@jamesway.com](mailto:service@jamesway.com)