# IH-6

## Controlled Conditions. Practical Hatching.

Trolley-based loading.

Insulated cabinet construction.

Digital control as standard.




IH-6 exterior | Approved model photograph

**6,120**

Hen Egg Capacity

Capacity basis: 102 eggs per tray

**2**

HATCHER TROLLEYS

**6,120**

HEN EGG PLACES

**Omron**

STANDARD CONTROL

01 / TROLLEY HANDLING

# Accessible Loading. Straightforward Handling.



**2 HATCHER TROLLEYS IN TOTAL**

Hatcher trolley reference. The photograph shows a partial tray load.

### 01 A Defined Hatcher Configuration

The IH-6 accommodates two hatcher trolleys. Select the tray configuration to suit the egg type.

### 02 Wheeled Trolleys for Handling

Wheeled trolleys support movement during loading, unloading and routine cleaning.

### 03 Side-by-Side Tray Layout

The trolley supports two trays side by side, keeping the loading arrangement clear and accessible.

### 04 Access for Cleaning

Remove trays and trolleys to reach working surfaces and inspect the loading equipment.

### 05 Coordinate with the Setter

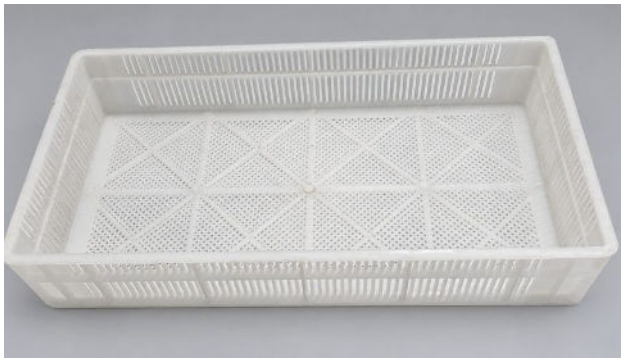
Allocate hatcher space around the transfer schedule. Keep handling routes and door access clear.

LOADING FLEXIBILITY

# Choose the Tray. Confirm the Capacity.

Capacity depends on the egg type and selected tray configuration. Egg capacity does not indicate hatch output.

| EGG TYPE | CAPACITY BASIS | TOTAL |
|---|---|---|
| Hen | 102 per tray | **6,120** |
| Hen | 90 per tray | **5,400** |
| Quail | 264 per tray | **15,840** |
| Duck / turkey | 60 per tray | **3,600** |



HATCHER TRAY REFERENCE

## Trays Included

Egg trays are included for the agreed machine configuration.

## Confirm the Selected Configuration

Confirm the egg type, tray design and loading arrangement before ordering.

Capacity figures follow the existing IH-6 technical catalogue. The tray photograph is a component reference.

02 / CABINET ENGINEERING

# Durable Panels. Protected Insulation.



Shared cabinet component reference for the selected machine range.

### 01 Impact-Resistant Polycarbonate

Tough, crack-resistant polycarbonate facing supports durable service and withstands routine hatchery handling.

### 02 Easy to Clean and Repair

Wipe-clean surfaces simplify routine cleaning. Accessible panel construction supports repairs and panel replacement.

### 03 PUF Insulation for Heat Retention

The insulated body slows heat transfer, helping the cabinet retain heat for longer and reduce unnecessary heat loss.

### 04 Sealed Panel Construction

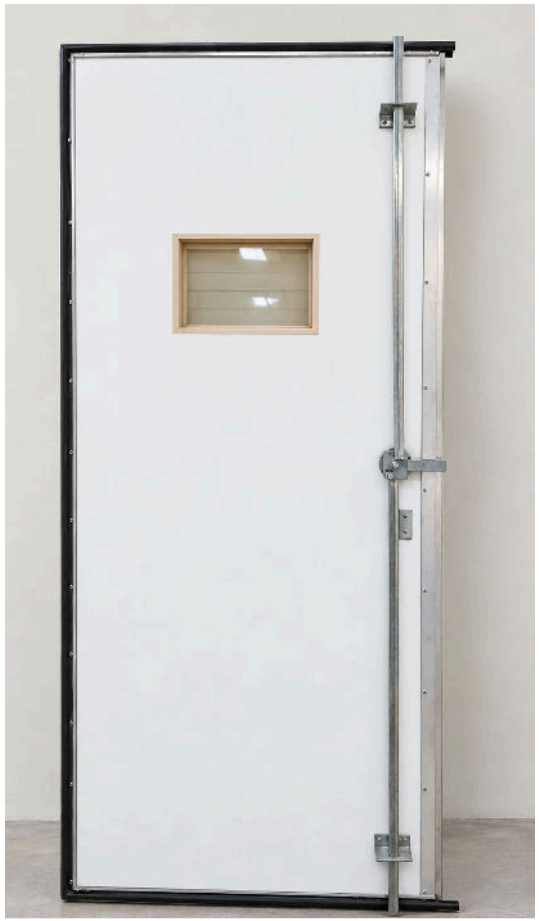
Sealed joints help limit air leakage and maintain the controlled chamber when correctly assembled and maintained.

### 05 Protected Aluminium Corners

Plastic corner protection overlaps the panel facing. Aluminium U-channels protect the edges and support the assembly.

03 / DOOR DETAILS

# Engineered for Secure, Consistent Sealing.



Shared cabinet component reference for the selected machine range.

## Three-Point GI Door Lock

The full-height locking rod secures the door at the top, centre and bottom. The central handle operates the mechanism, helping maintain firm contact with the perimeter seal.

## Continuous Rubber Perimeter Seal

The black rubber gasket runs around the door perimeter. Correct closure and consistent seal contact help limit unwanted air leakage from the incubation chamber.

## Built for Routine Hatchery Use

Galvanised locking components provide corrosion resistance. Keep the gasket clean, inspect the locking points and check that the door closes evenly during routine maintenance.

04 / TEMPERATURE & HUMIDITY

# Control for the Hatching Stage.




**DIGITAL HATCHER CONTROL PANEL**
**Temperature, humidity, fan, light and power controls.**

## Temperature Control

The Omron E5CC digital controller monitors and regulates the selected operating temperature.

## Responsive Heat Regulation

PID control adjusts heater on-time through the SSR as heat demand changes. Shorter on-time reduces average heat output near the set point.

## Digital Humidity Control

A separate digital humidity controller monitors and regulates the selected humidity setting.

## Alarm Configuration

Alarm limits and delays are configured for the supplied controller and operating requirements.

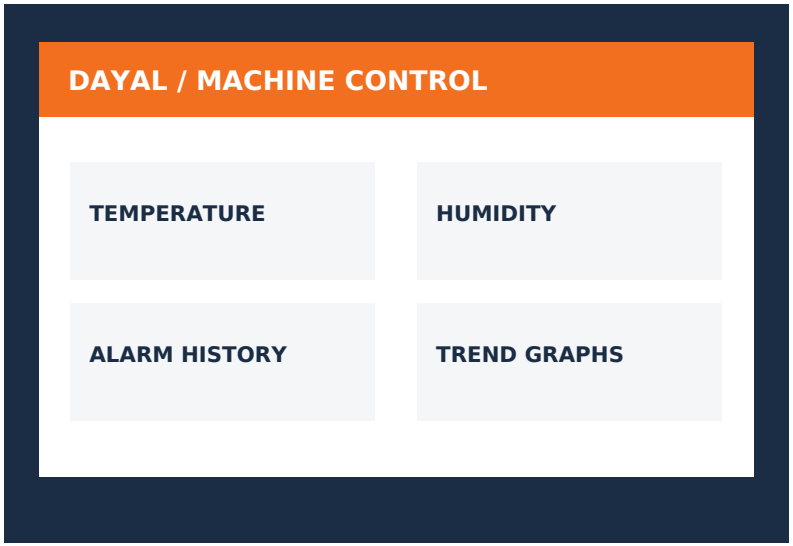
## Clear Component Access

Accessible panel components support routine inspection, servicing and replacement.

Edited hatcher-panel reference: turning timer, switches and buttons omitted. Final panel layout follows the supplied configuration.

05 / CONNECTED MACHINE MANAGEMENT

# One Interface. Connected Visibility.




## 7-inch Touchscreen

Local machine control

Cloud data logging

Multiple machines in one app

### Graphs and Operating History

View multiple trend graphs, temperature history, humidity history and alarm records.

### One App for Your Machines

Connect compatible machines in one app for a consolidated view of your hatchery.

### Controlled Access

Different access levels assign operating, settings and administration permissions to authorised users.

### Optional Fan RPM Sensing

Add a fan-speed sensor to monitor fan RPM as part of the selected control package.

### PID + SSR Heating Benefits

The PLC controller reduces average heater power through SSR control as less heat is needed, supporting stable temperatures and efficient electricity use.

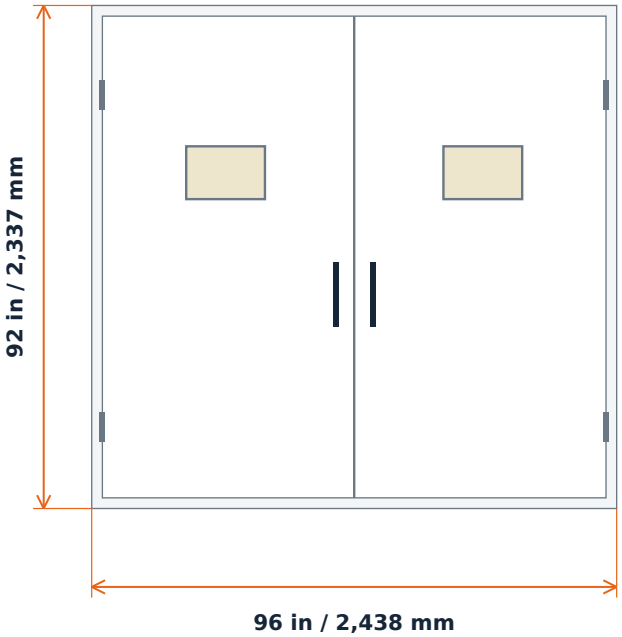
Screen shown is a concept, not a software screenshot. App, cloud connectivity, access levels and sensor scope are defined in the selected package.

06 / INSTALLATION PLANNING

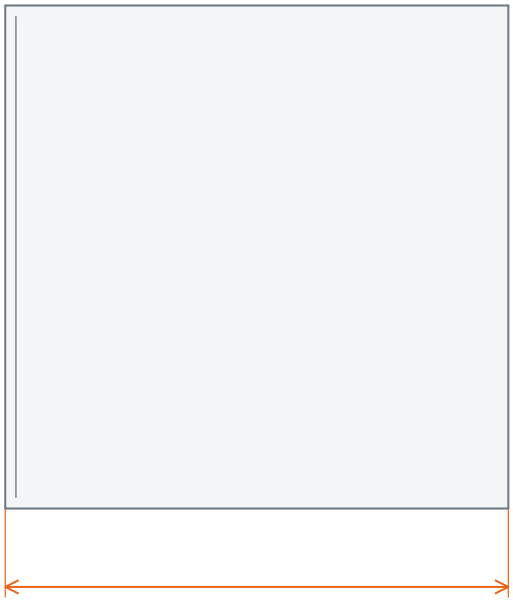
# Understand the Machine Footprint.

IH-6 nominal cabinet: 96 in wide x 92 in deep x 92 in high. All three views use the same scale.

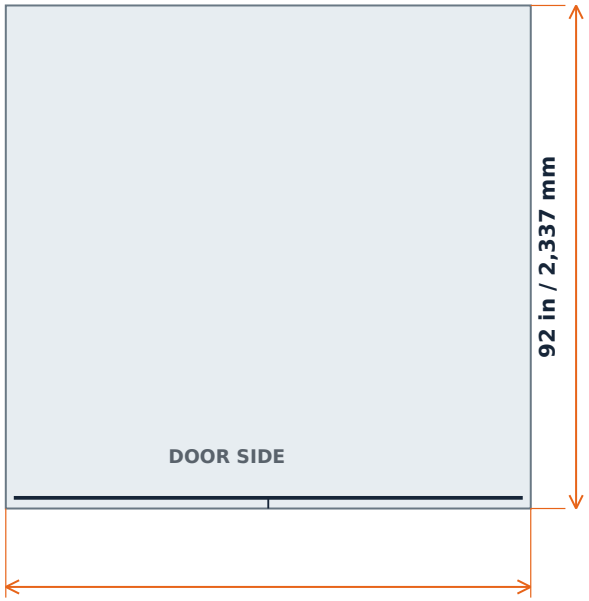
### FRONT ELEVATION




### SIDE ELEVATION




### TOP VIEW / PLAN




**Front width: 8 ft. Depth: 7 ft 8 in. Height: 7 ft 8 in. Metric dimensions are rounded to the nearest millimetre.**

Planning drawing, not a fabrication drawing. Rooftop equipment, door-opening space and service clearances must be confirmed in the installation layout.

07 / TECHNICAL DATA

# IH-6 at a Glance.

## EGG CAPACITY

| | |
|---|---|
| Hen / 102 per tray | **6,120** |
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## MACHINE CONFIGURATION

| | |
|---|---|
| Supply | **230 V / single phase / 50 Hz** |
| Power: average / maximum | **1.5 kW / 2.5 kW** |
| Front width | **96 in / 8 ft / 2,438 mm** |
| Depth | **92 in / 7 ft 8 in / 2,337 mm** |
| Height | **92 in / 7 ft 8 in / 2,337 mm** |
| Hatcher trolleys | **2** |
| Standard controls | **Omron digital** |
| Humidity control | **Separate digital control** |
| Optional controls | **Schneider Electric PLC** |
| Egg trays | **Included as configured** |

Nominal cabinet dimensions; confirm the installation envelope.

# 6,120

## HEN EGG PLACES

Capacity and power values follow the existing IH-6 catalogue. Average consumption varies with ambient conditions, loading and settings.

08 / SERVICE & SUPPORT

# Support for Every Stage of Ownership.



Selected model exterior | Installation photograph

Practical Planning. Accessible Parts.
Support from Installation Onward.

### Planning & Installation Assistance

Assistance with machine placement, working clearances and installation planning. Installation in India is included; customers cover travel and accommodation.

### Guidance for Your Team

Export supervision, remote guidance and factory training are arranged for the project and operating team.

### Readily Available Replacement Parts

Serviceable components and available spares support straightforward replacement and routine maintenance.

### One-Year Warranty for Manufacturing Defects

A one-year warranty covers manufacturing defects. Defective parts are replaced under the agreed warranty terms.

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# Inside the IH-6.

Selected cabinet-access and basket views.



**OPEN CABINET & TROLLEY ACCESS**



**HATCHER BASKET DETAIL**

Selected IH-6 photographs show cabinet access and basket details. They do not show the full loading configuration.