IH-12

Controlled Conditions. Practical Hatching.

Trolley-based loading.

Insulated cabinet construction.

Digital control as standard.



IH-12 exterior | Approved model photograph

12,240

Hen Egg Capacity

Capacity basis: 102 eggs per tray

4

HATCHER TROLLEYS

12,240

HEN EGG PLACES

Omron

STANDARD CONTROL

01 / TROLLEY HANDLING

Accessible Loading. Straightforward Handling.



4 HATCHER TROLLEYS IN TOTAL

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

01 A Defined Hatcher Configuration

The IH-12 accommodates four 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

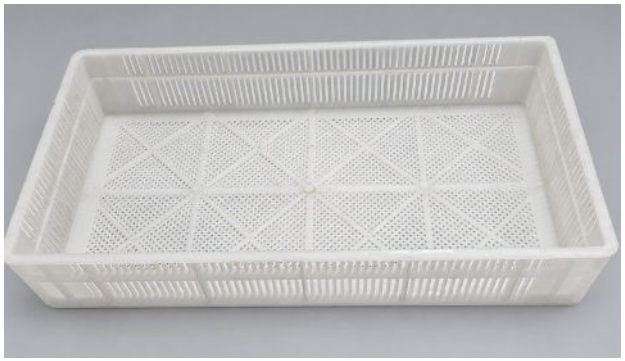
Allocate hatcher space around the transfer schedule. Keep handling routes and door access clear.

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	**12,240**
Hen	90 per tray	**10,800**
Quail	264 per tray	**31,680**
Duck / turkey	60 per tray	**7,200**



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-12 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.

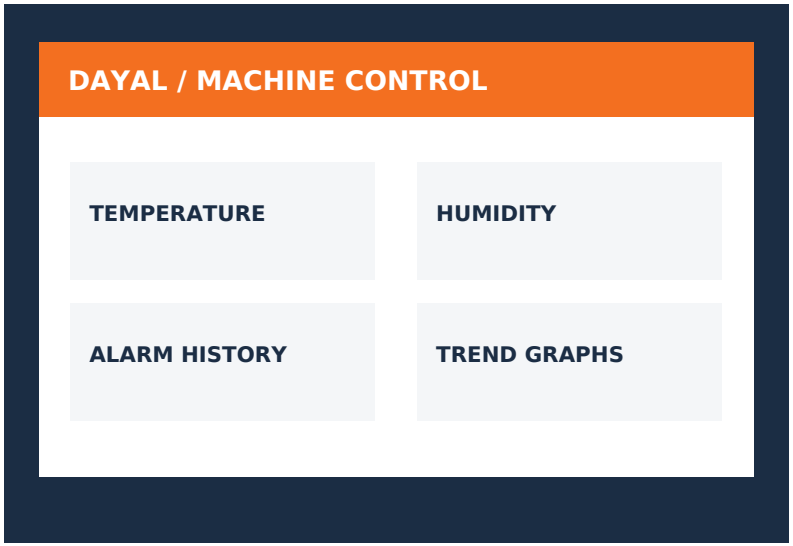
Clear Component Access

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.

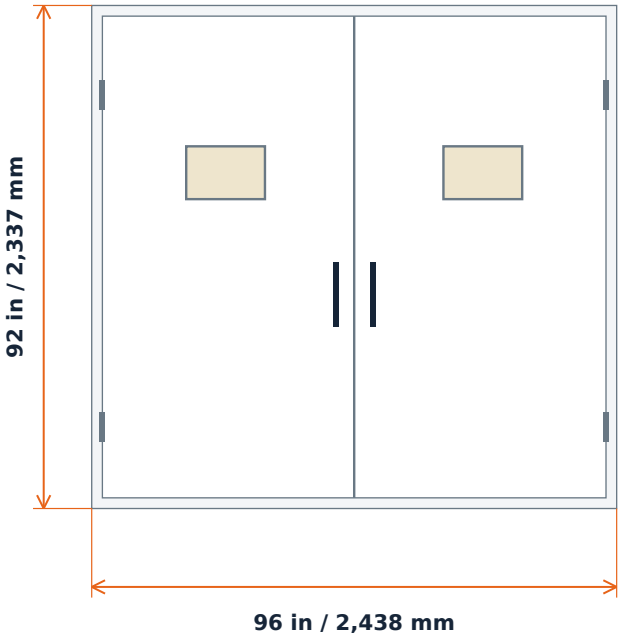
Screen shown is a concept, not a software screenshot. App, cloud connectivity, access levels and sensor scope are defined in the selected package.

06 / INSTALLATION PLANNING

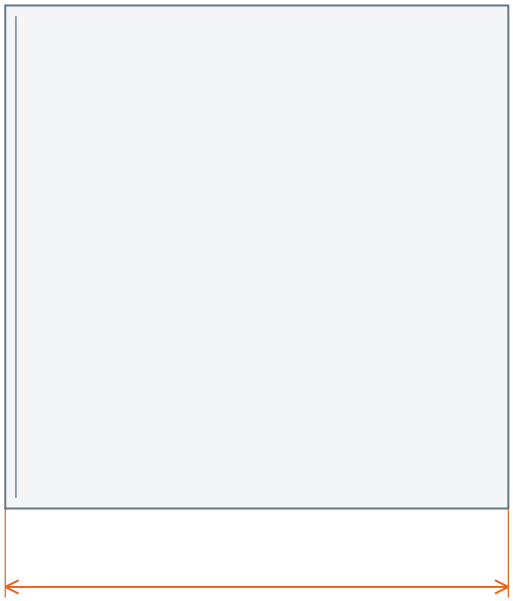
Understand the Machine Footprint.

IH-12 nominal cabinet: 96 in wide x 92 in deep x 92 in high. All three views use the same scale.

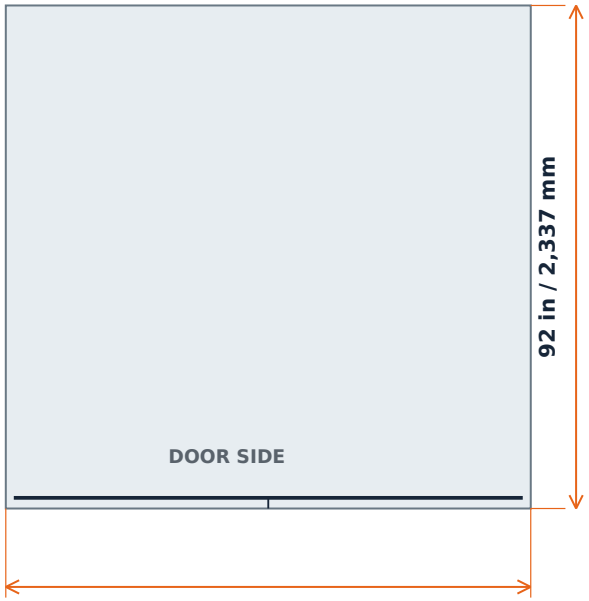
FRONT ELEVATION



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-12 at a Glance.

EGG CAPACITY

Hen / 102 per tray	**12,240**
Hen / 90 per tray	**10,800**
Quail / 264 per tray	**31,680**
Duck / turkey: 60 per tray	**7,200**

12,240

HEN EGG PLACES

Capacity and power values follow the existing IH-12 catalogue. Average consumption varies with ambient conditions, loading and settings.

MACHINE CONFIGURATION

Supply	**230 V / single phase / 50 Hz**
Power: average / maximum	**1.25 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	**4**
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.

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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Explore the IH-12.

Selected exterior and loaded-cabinet views.



OPEN CABINET & TROLLEY ACCESS



EXTERIOR & DOOR ACCESS

IH-12 model photographs show the exterior and loaded cabinet. Four hatcher trolleys are supplied in total.