IH-24

Controlled Conditions. Practical Hatching.

Eight hatcher trolleys.

Insulated cabinet construction.

Digital control as standard.

24,480

Hen Egg Capacity

Configuration: 102 eggs per tray



IH-24 | Selected model photograph

8	24,480	Omron
HATCHER TROLLEYS	HEN EGG PLACES	STANDARD CONTROL

01 / TROLLEY HANDLING

Accessible Loading. Practical Operation.



8 HATCHER TROLLEYS IN TOTAL

Component or cabinet reference; photograph may show a partial load.

01 Eight Hatcher Trolleys

The IH-24 accommodates eight hatcher trolleys in the confirmed loading configuration.

02 Wheeled Trolley Handling

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

03 Side-by-Side Tray Layout

The hatcher trolley supports two trays side by side for a clear, accessible loading arrangement.

04 Access for Cleaning

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

05 Coordinate the Transfer Schedule

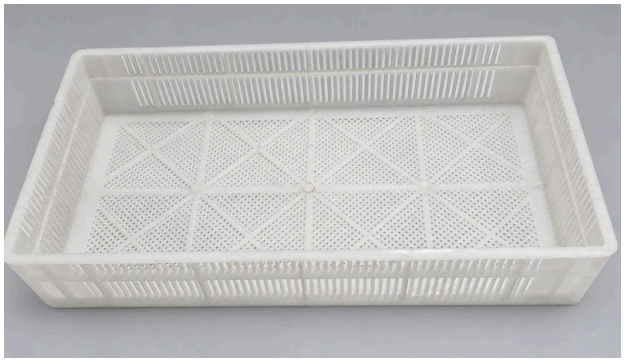
Plan the loading route and hatching allocation around the setter transfer schedule.

LOADING FLEXIBILITY

Choose the Tray. Plan the Capacity.

Capacity depends on egg type and tray configuration. Hatching follows incubation in a separate setter.

EGG / SECTION	CAPACITY BASIS	TOTAL
Hen	102 per tray	**24,480**
Hen	90 per tray	**21,600**
Quail	264 per tray	**63,360**
Duck / turkey	60 per tray	**14,400**



HATCHER TRAY REFERENCE

Trays Included

Egg trays are included for the agreed machine configuration.

Confirm the Loading Arrangement

Match the egg type, selected tray and handling plan before ordering.

Capacities are installed egg places; they do not represent guaranteed hatch output.

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 and humidity regulation.

Digital hatcher panel reference. Final layout follows the supplied configuration.

Temperature Control

The Omron controller monitors and regulates the selected operating temperature.

Responsive Heat Regulation

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

Separate Digital Humidity Control

A separate humidity controller regulates the selected humidity setting.

Hatching Without Turning

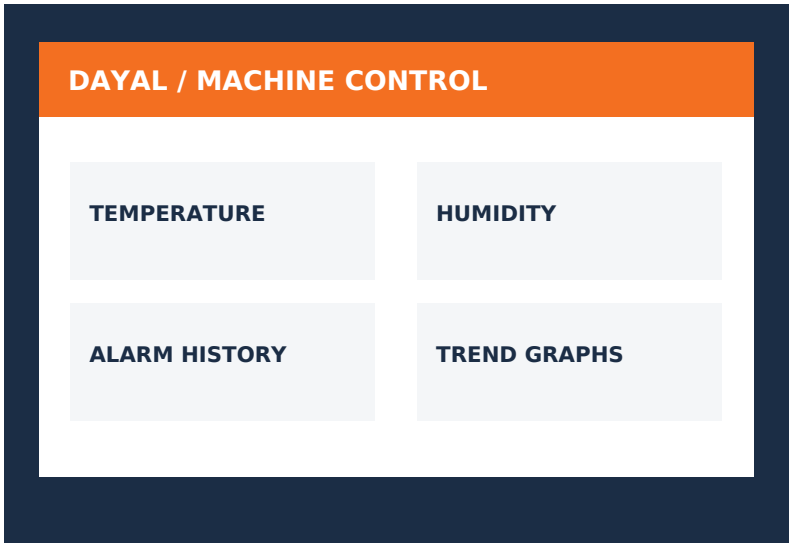
The hatcher supports the final stage after transfer from the setter; egg turning is not required.

Accessible Components

Panel components support inspection, servicing and replacement.

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.

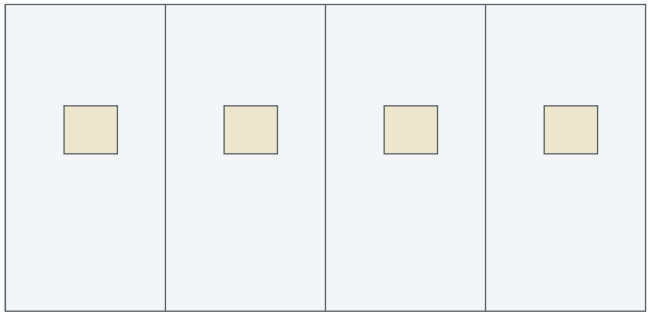
Screen shown is a concept, not a software screenshot. App, cloud connectivity, access levels and sensor scope are defined in the selected package.

06 / INSTALLATION PLANNING

Understand the Machine Footprint.

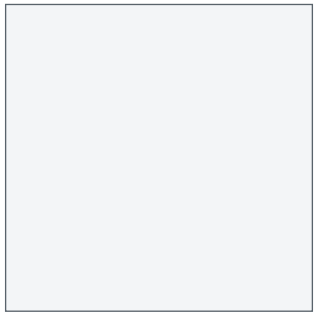
IH-24 nominal cabinet: 192 in front width x 92 in depth x 92 in height. Views use the same scale.

FRONT ELEVATION



192 in / 4,877 mm

SIDE ELEVATION



92 in / 2,337 mm

TOP VIEW / PLAN



Depth: 92 in

HEIGHT 92 in / 2,337 mm

Nominal footprint: 16 ft wide x 7 ft 8 in deep. Height: 7 ft 8 in. Allow separately for door opening, roof equipment, servicing and trolley movement.

07 / TECHNICAL DATA

IH-24 at a Glance.

EGG CAPACITY

Hen / 102 per tray	**24,480**
Hen / 90 per tray	**21,600**
Quail / 264 per tray	**63,360**
Duck / turkey / 60 per tray	**14,400**

MACHINE CONFIGURATION

Supply	**230 V / single phase / 50 Hz**
Power: average / maximum	**2.5 kW / 5 kW**
Front width	**192 in / 16 ft / 4,877 mm**
Depth	**92 in / 7 ft 8 in / 2,337 mm**
Height	**92 in / 7 ft 8 in / 2,337 mm**
Hatcher trolleys	**8**
Standard controls	**Omron digital**
Humidity control	**Separate digital control**
Optional controls	**Schneider Electric PLC**
Egg trays	**Included as configured**

24,480

HEN EGG CAPACITY

Eight hatcher trolleys, as confirmed. Capacity and power follow the model catalogue; average consumption varies with conditions.

Confirm final services and installation clearances before ordering.

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.

sales@dayalpoultryappliances.com +91 99714 53902

Explore the IH-24.

Selected model photographs and cabinet access.





CABINET & TROLLEY ACCESS

MODEL CONSTRUCTION & LOADING

Selected model photographs. Working clearances and supplied configurations are confirmed for each project.