SH-12

Setting and Hatching. One Combined Unit.

9,180 setter egg places.

3,060 hatcher egg places.

Automatic turning in the setter.

12,240

Combined Hen Egg Places

Configuration: 102 eggs per tray



SH-12 | Selected model photograph

3

GI TROLLEYS

90 + 30

SETTER + HATCHER TRAYS

Omron

STANDARD CONTROL

01 / TROLLEY HANDLING

Accessible Loading. Practical Operation.



3 GI TROLLEYS AS STANDARD

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

01 A Combined Configuration

The SH-12 combines setting and hatching capacity in one machine.

02 Three GI Trolleys

Three GI trolleys are standard. Stainless-steel trolley options are available.

03 Defined Tray Allocation

The loading arrangement uses 90 setter trays and 30 hatcher trays.

04 Automatic Egg Turning

Automatic turning is provided for the setter stage; hatcher eggs are not turned.

05 Access for Cleaning

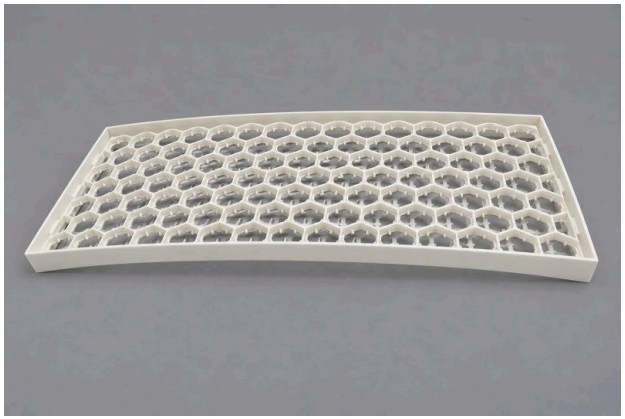
Remove trays and trolleys to reach working surfaces and inspect loading equipment.

LOADING FLEXIBILITY

Choose the Tray. Plan the Capacity.

The combined 12,240-egg figure comprises 9,180 setter places and 3,060 hatcher places; it is not the capacity of either section alone.

EGG / SECTION	CAPACITY BASIS	TOTAL
Setter section	90 trays x 102	**9,180**
Hatcher section	30 trays x 102	**3,060**
Combined total	102-egg basis	**12,240**



SETTER 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 & TURNING

Control Throughout the Incubation Cycle.



STANDARD DIGITAL CONTROL
Temperature, humidity and turning timer.

Digital control panel reference. Final layout follows the selected machine configuration.

Omron Temperature Control

Digital temperature control monitors and regulates the selected operating temperature.

Separate Humidity Control

A separate humidity controller regulates the selected humidity setting.

Automatic Turning

Automatic egg turning supports the setter stage of the incubation cycle.

Dedicated Turning Timer

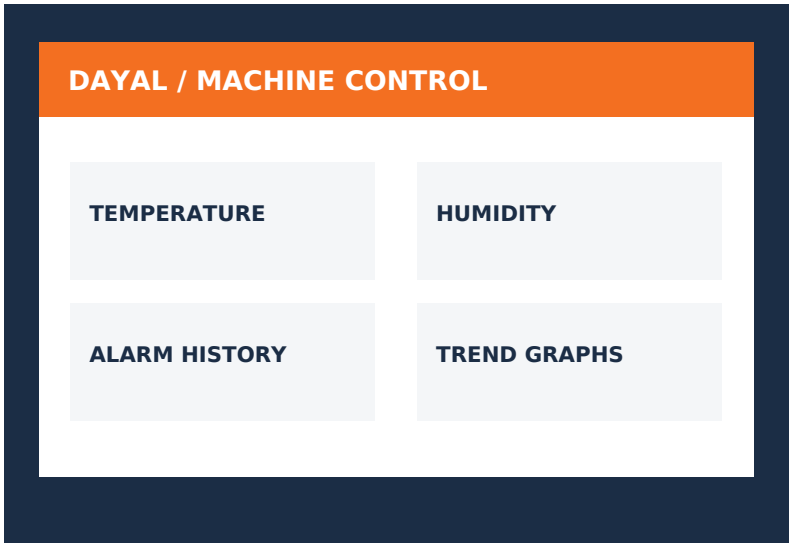
The turning timer sets the interval between automatic turning cycles.

Accessible Components

Serviceable panel components support inspection, routine maintenance 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

Prepare the Space and Services.



PLAN AROUND THE OPERATING ROUTE

Confirm the Cabinet Envelope

Cabinet: 96 in front width x 92 in depth x 92 in height, matching IH-12.

Keep Loading Access Clear

Allow working space for trolley movement, tray transfer and routine cleaning.

Power and Services

230 V single phase, 50 Hz. Average / maximum power: 1.25 kW / 2.5 kW. Plan water, drainage and ventilation before installation.

Nominal envelope: 8 ft front width x 7 ft 8 in depth x 7 ft 8 in height. Allow working clearances separately.

07 / TECHNICAL DATA

SH-12 at a Glance.

EGG CAPACITY

Setter section / 90 trays x 102	**9,180**
Hatcher section / 30 trays x 102	**3,060**
Combined total / 102-egg basis	**12,240**

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 / height	**92 in / 7 ft 8 in / 2,337 mm**
Trolleys	**3 GI standard; SS optional**
Setter trays	**90**
Hatcher trays	**30**
Temperature control	**Omron digital**
Humidity control	**Separate digital control**
Turning	**Automatic / setter stage**

12,240

COMBINED HEN EGG PLACES

Combined installed egg places: 9,180 setter + 3,060 hatcher. Dimensions and power match IH-12, as confirmed. Average consumption varies with operating 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.

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Explore the SH-12.

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.