

Hatchmaker Polyhatch Hatchmaster

Classic Simplicity

Proven, tough,
thoroughbred designs

Brinsea's still air incubators are recognised as long-standing class leaders. They offer an unbeatable combination of reliability, longevity, simplicity and value for money. The natural convection system in Brinsea's still air incubator range provides near ideal conditions for hatching and is flexible and easy to use.

Each machine is molded from integrally skinned structural polyurethane which has a core of thermal insulation and hard, durable, impervious surfaces making it readily washable and tough enough to withstand scrubbing. Polyurethane is amongst the toughest of plastics and must not be confused with cheap fragile alternatives like expanded polystyrene. The excellent thermal properties of polyurethane foam result in low heat losses and low power consumption.

Temperature Control

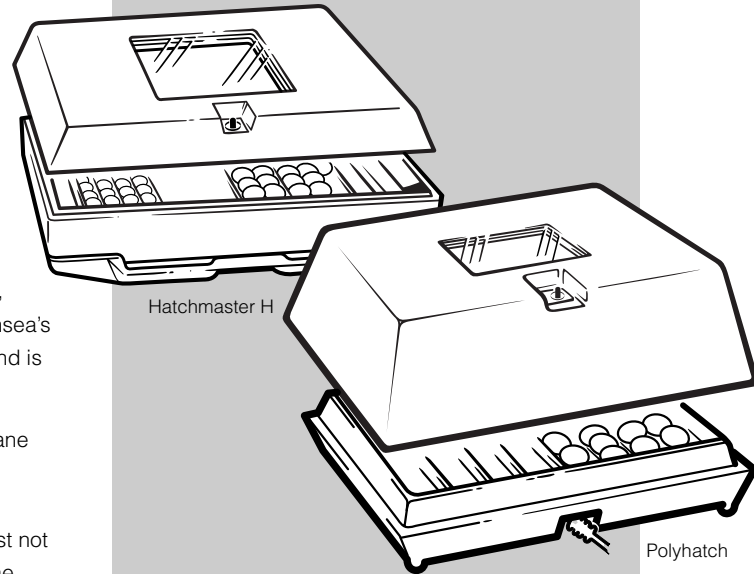
Temperature control for the Hatchmaker, Polyhatch and Hatchmaster is provided by Brinsea's proven proportional electronic system which gives very accurate and stable control unaffected by voltage variations and changes in barometric pressure. The sensor and thermometer are mounted in a swivelling clip which facilitates easy adjustment to suit a wide range of egg sizes. Temperature adjustment is made by turning an externally mounted spindle. This multi-turn device allows very fine adjustment of temperature and is not easily turned accidentally.

Automatic egg turning

Eggs must be turned periodically during incubation to prevent the internal structures from sticking and to promote embryo development. The Polyhatch and Hatchmaster A turn the eggs completely automatically and safely on an hourly cycle. Brinsea's patented system ensures safe and reliable rotation of almost any sized eggs without the need to purchase accessories*. If hatching in a Polyhatch or Hatchmaster A the turning system can be disconnected and with the end covers (supplied) in place and the dividing rods removed there is no opportunity for the chicks to injure themselves on the turning mechanism.

Hatchmaker and Hatchmaster H – Incubators or Hatchers

Whilst either the Hatchmaker and Hatchmaster H can be used effectively to incubate from day one through to hatching, the lack of automatic egg turning makes these models suitable for reptiles or as hatchers when used in conjunction with an automatic setter.

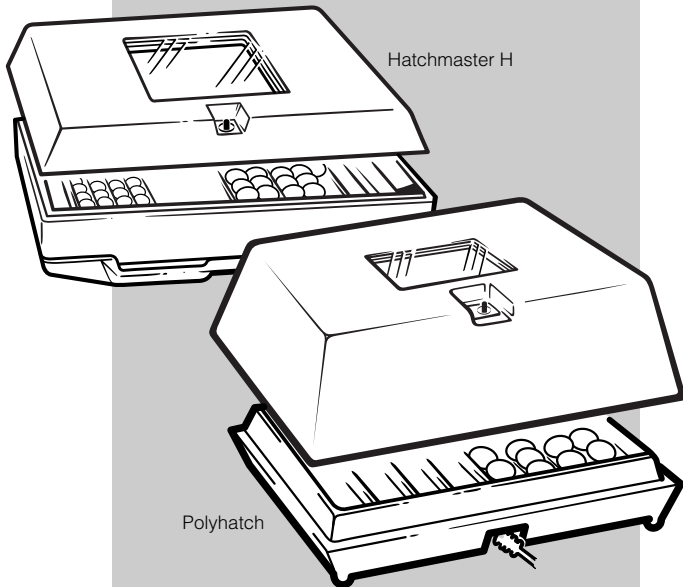


Each model features:

- Accurate and reliable proportional electronic temperature control
- Natural convection design providing ideal humidity and gas exchange
- Tough insulated polyurethane cabinet – easy to clean
- Large double skinned observation window
- Illuminated, high accuracy mercury thermometer
- Wide temperature range – suitable for reptiles eggs
- Electrically safe – manufactured to BS3456 & EN60-335

Brinsea

Hatchmaker Polyhatch Hatchmaster



Hatchmaker

- 36 hen egg capacity
- Manual egg tuning
- Ideal as hatcher for use with larger setters

Polyhatch

- 42 hen egg capacity
- Automatic egg turning – adjustable for egg size

Hatchmaster A (automatic)

- 104 hen egg capacity
- Automatic egg turning – adjustable for egg size
- Removable double glazed window
- External access to water reservoirs
- External humidity regulation

Hatchmaster H (hatcher)

- 160 hen egg capacity
- Manual egg turning
- Removable double glazed window
- External access to water reservoirs

Brinsea Products recommend hatching in a separate machine for the following reasons:

1. Automatic egg turning of later batches of eggs can be continued without fear of damage to emerging chicks.
2. Contamination of the automatic incubator is virtually eliminated so no pauses are required for cleaning. This enables one batch of eggs to follow another without interruption.
3. The higher humidity conditions required for hatching can be maintained in the hatcher, thus avoiding any compromise in the conditions required for eggs at earlier stages.

12v Polyhatch and Hatchmaker

12v incubators have been developed for situations where mains supplies are unreliable or for transporting eggs during incubation. The very low power consumption enables them to be run from ordinary vehicle batteries for many hours between charges. 12v incubators can be operated from the mains via a 12v transformer/rectifier capable of an output of 2.5 amps (Hatchmaker) or 4 amps (Polyhatch). The voltage is not critical and may be from 11 to 14 volts provided it is reasonably constant.

Guarantee

All Brinsea incubators are fully guaranteed and will be repaired or replaced if a fault should arise within the guarantee period (see terms of guarantee) Brinsea Products Ltd and their agents will not be responsible for loss of eggs in the event of failure, however caused, and users are advised to arrange their own insurance cover where loss of power, mechanical or electrical failure might result in unacceptable losses. It is recommended that this product is used in conjunction with an independent temperature alarm system if eggs of significant value are to be incubated.

In order that we can continue our policy of innovation and improvement, we reserve the right to alter specification details without notice.

Specification

	Hatchmaker	Polyhatch	Hatchmaster A	Hatchmaster H
Egg Capacity (approx):				
Quail	85	100*	256*	420
Pheasant	50	64	176	240
Hens	36	42	104	160
Ducks	30	35	91	130
Geese	12-16	16-20	50	70
Egg Turning	Manual	Automatic	Automatic	Manual
Overall Size	14" x 14" x 8"	20½" x 19½" x 9"	32" x 23½" x 10"	32" x 23½" x 10"
Weight	7.7 lb	12.1 lb	24 lb	23 lb
Power consumption (max)	30 Watts	45 Watts	115 Watts	115 Watts
(typical)	15 Watts	25 Watts	55 Watts	55 Watts
12 Volt option	Yes	Yes	No	No

Mains electrical supply: All models 115v, 60Hz or 230v, 50Hz to order.

* **Note:** For quail or other very small eggs, special egg troughs are recommended. These are not supplied as standard but are usually available from stock.

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