Brinsea

Autoturn Cradle

Users instructions

Contents

1.0 Introduction

These instructions detail the operation of your Autoturn cradle.

The Autoturn cradle is supplied with the Octagon 40 but is optional for the Octagon 20. Please read these instructions carefully before setting up your machine to achieve best results and keep these instructions safe for future reference.

2.0 Unpacking

Please remove all tape, strapping and packing from the cradle. Retain the carton and packing materials to enable the unit to be repacked.

Your autoturn cradle will include as standard:

Quantity	Item
2	Base Bars
1	Motorised cradle end
1	Plain cradle end
1	Set of four bolts
1	Diagram showing the assembly of the autoturn cradle.

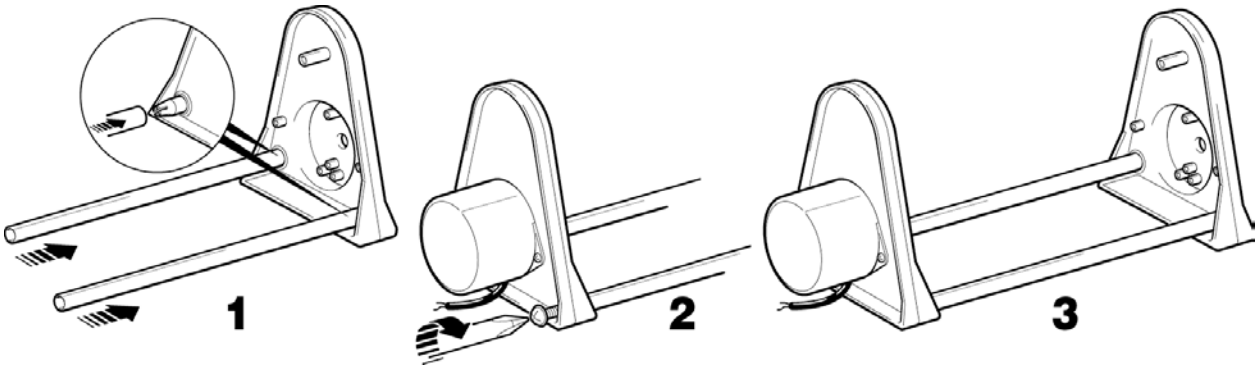
2.1 Please identify each part and check that they are all present and undamaged. If there are any parts damaged or missing please contact your retailer or Brinsea Products (at the address at the end of the document)

2.2 Check also that the electrical supply matches the machine's requirements (marked on the technical label on the inside of the blank autoturn cradle end). UK machines are fitted with 3 Amp mains plug fuses – if replaced always use this rating.

3.0 Location and Installation

3.1 When using the autoturn cradle: Assemble the autoturn cradle in accordance with the diagram below (fig. 2) and place on a flat, level surface (workbench height is ideal). Place the incubator into the autoturn cradle as illustrated (fig. 1). The cabinet is designed to locate onto the lugs at either end of the autoturn cradle. Ensure that these are fully engaged in the slots in the ends of the incubator so that the incubator is level.

Fig.2



3.4 Plug incubator and cradle mains supply cable into a suitable outlet ensuring that the cable is not pulled tight. The incubator fan(s) will start, the red LED on the temperature control housing will illuminate continuously and the digital temperature display will show the air temperature. The cradle motor will start and the incubator will begin to turn. The turning is very slow – taking about half an hour to turn each way.

4.0 Egg Turning

4.1 When using the incubator in conjunction with the autoturn cradle, follow installation and set-up procedures in section 3 above and the cradle will continuously turn the incubator and eggs until disconnected.

4.2 If incubating in the Octagon 20 without the autoturn cradle the eggs are rotated by rocking the incubator manually. Tip the incubator from 45° one side to 45° the other side at each “turn”. Turn three times each day starting on the second day.

5.0 Hatching

5.1 If hatching in the Octagon 20 or Octagon 40 unplug the autoturn cradle, remove the incubator from the cradle, place on the work surface in the upright position and remove the egg dividers two days before the hatch is due.

6.0 Cleaning Up

6.1 **IMPORTANT:**

DISCONNECT THE INCUBATOR AND BASE FROM THE MAINS POWER SUPPLY DURING CLEANING.

ENSURE THAT ALL ELECTRICAL PARTS ARE KEPT DRY.

NEVER WASH THE TRAYS, COVERS OR CABINET PARTS IN LIQUIDS OVER 50°C (120°F). DO NOT USE A DISHWASHER TO CLEAN TRAYS OR COVERS.

6.2 The exterior of the incubator and autoturn cradle may be cleaned with a damp cloth.

6.3 Always clean the incubator before storage and ensure that the unit is totally dry inside and out.

7.0 Servicing

IMPORTANT: THE HEATER IS AT MAINS VOLTAGE. NEVER DRILL INTO OR PUNCTURE THE CLEAR LID OF THE INCUBATOR. RISK OF ELECTRIC SHOCK.

7.1 Under certain conditions it is possible that condensation may form between the inner and outer clear top mouldings. The presence of water between these layers does not affect the performance of your incubator and does not pose an electrical hazard because the element itself is sealed and the live parts are not exposed. To disperse condensation leave the incubator running without eggs or water in a warm room.

7.2 In case of failure first check that the mains power supply is working and that the mains plug fuse is intact. If the problem persists contact your distributor or Brinsea Products Service Dept.
The functional parts of the Octagon 20 and autoturn cradle are modular and parts are available and are readily exchanged by a suitably qualified person equipped with basic tools.
Fitting instructions are supplied with replacement parts.

7.3 The digital temperature display is individually calibrated during manufacture but may be re-calibrated if required. To ensure optimal performance return the incubator to Brinsea Products Service dept. for re-calibration every two years. It is not recommended that this procedure is carried out by the user.

7.4 No lubrication or further servicing is required beyond the instructions above.

8.0 Specifications

Dimensions (mm):	Octagon 20 incubator only (Including Autoturn Cradle	325 long x 235 wide x 243 high 405 long x 235 wide x 280 high)
	Octagon 40 incubator only (Including Autoturn Cradle	635 long x 235 wide x 243 high 705 long x 235 wide x 280 high)
Weight:	Autoturn cradle	1.0Kg
Power Consumption	Autoturn cradle	4 Watts
Electrical Supply:	230v 50Hz or 115v 60Hz as ordered	

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