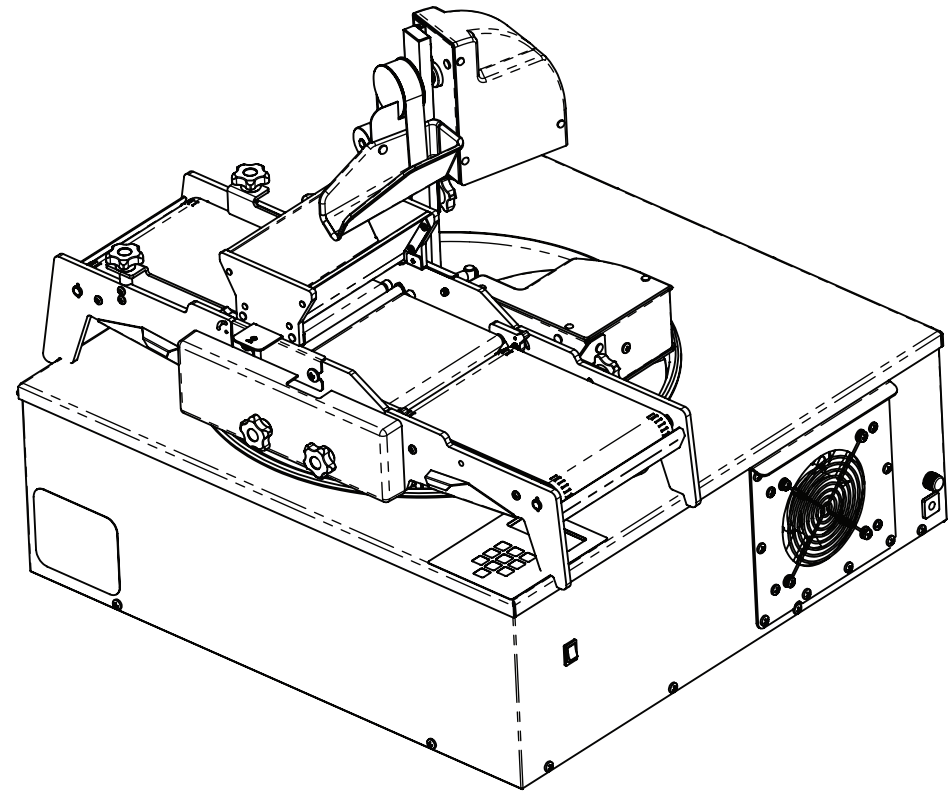


ChocoVision Enrober

REPLACEMENT PARTS

1. Skimmer Belt -
2. Skimmer Motor -
3. Skimmer Bucket -
4. Enrober Motor -
5. Enrober Hopper -
6. Variable Speed
Power Supply -



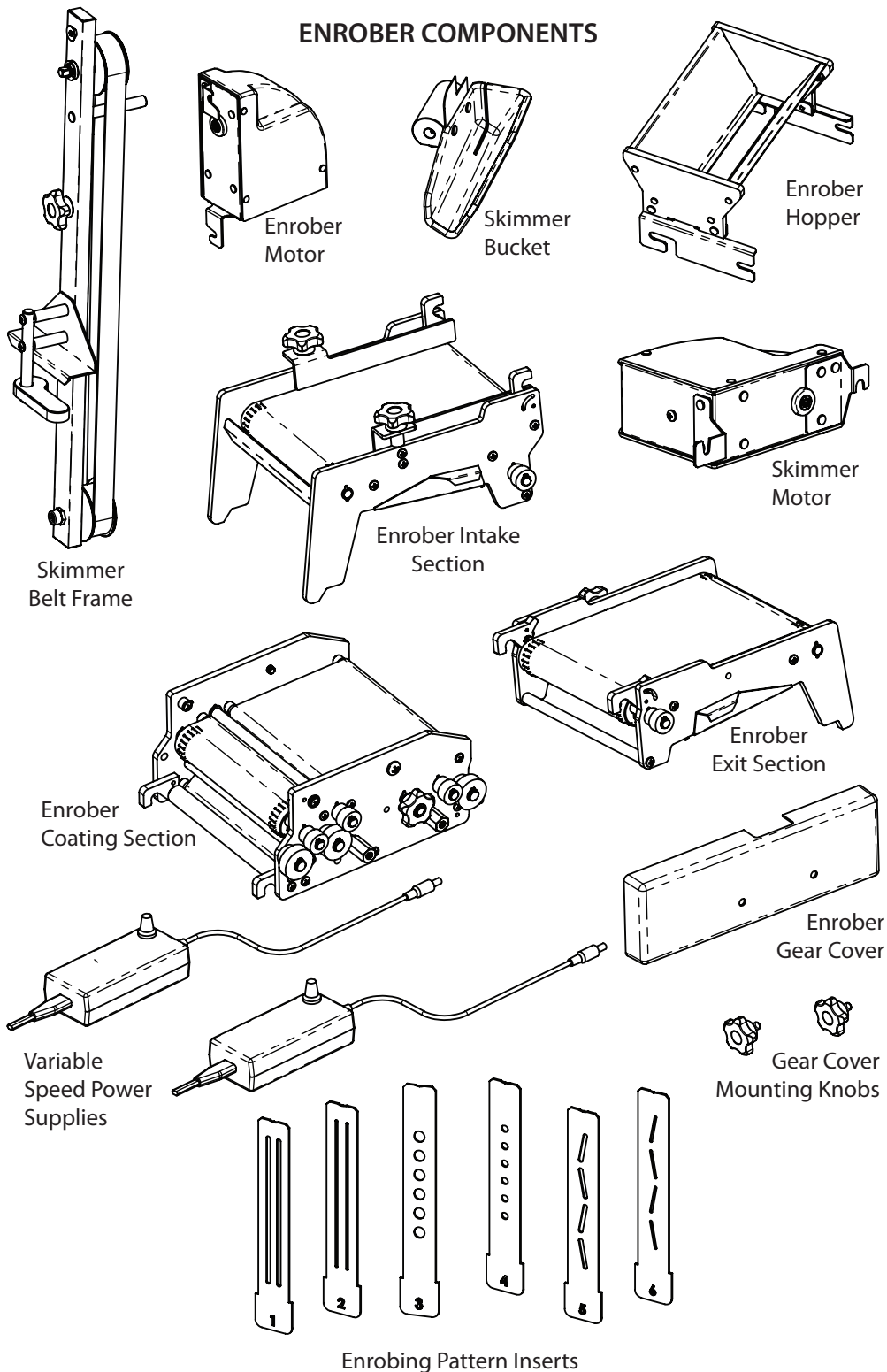
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ChocoVision
Technology MEANS PRODUCTIVITY

ENROBER COMPONENTS



OPERATION

Add Chocolate and Start the Tempering Machine.

After the chocolate is fully melted and the Tempering Bowl (34) is rotating, turn the control knob (30) on the Enrober Power Supply to start moving the conveyors. Belt speed can be increased by rotating the knob clockwise.

After the chocolate is fully melted and the Tempering Bowl is rotating, turn the control knob (30) on the Skimmer Power Supply to start moving the belt. **DO NOT START THE SKIMMER IN PARTIALLY MELTED CHOCOLATE.** IF THE BELT DOES NOT MOVE AFTER STARTING THE MOTOR, STOP THE MOTOR IMMEDIATELY BY ROTATING THE CONTROL KNOB COUNTERCLOCKWISE.

Chocolate will be carried out of the Tempering Bowl by the Skimmer Belt, scraped into the Skimmer Bucket, and dumped into the Enrober Hopper. The Pattern Insert (21) at the base of the Hopper will create a curtain of chocolate for covering the top surface of the enrobed articles. The exposed roller located beneath the Hopper will retain a puddle of chocolate for coating the bottom surface.

Most of the chocolate remaining on the conveyor after items are coated will be removed by the Scraper (35) shown in fig. A, and returned to the Tempering Bowl (34).

SETTINGS

The amount of chocolate dispensed is controlled by the speed of the Skimmer Belt (36). Increase the belt speed by rotating the control knob (30) clockwise.

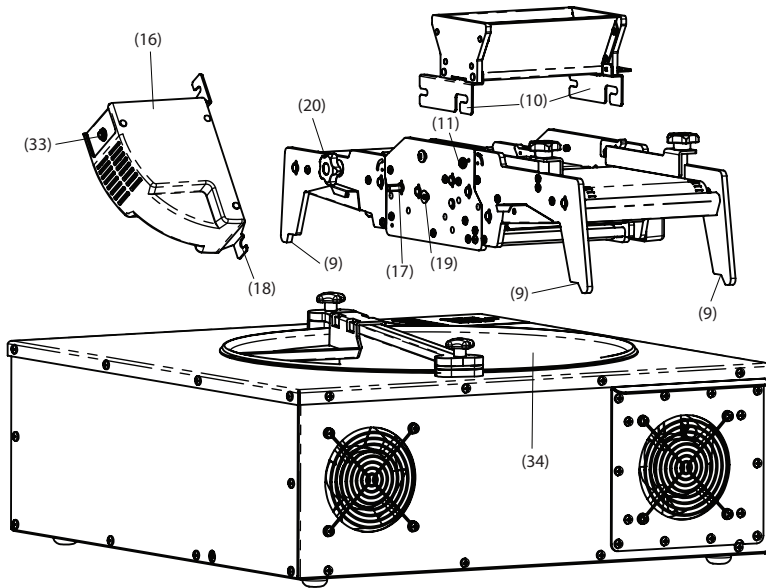
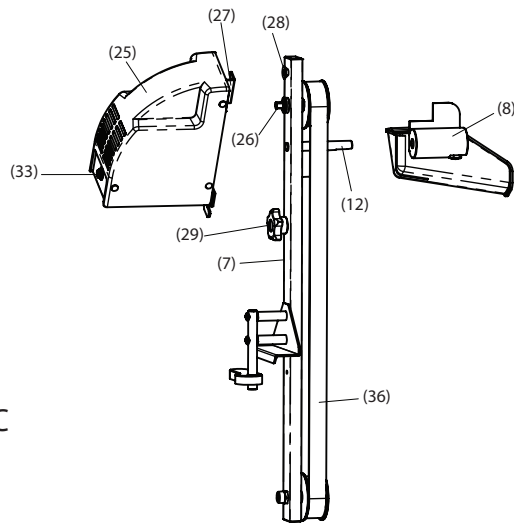
The basic thickness of the top chocolate dispensed is controlled by the width of the slots in the Insert (21). Thicker chocolate requires an insert with a wider slot.

The thickness of the chocolate covering the bottom on the enrobed items is controlled by the speed of the conveyors. Slower transport through the enrobing curtain will yield a thicker coat. Rotating the speed control knob (30) clockwise on the Enrober Power Supply will increase the conveyor speed. Increased conveyor speed will also reduce the thickness of the upper coating.

By using Insert (21) with shorter slots, and directing the items to be coated off the edge of the chocolate curtain with the Inlet Guides (23), items can be partially coated.

By using Insert (21) with holes, and directing with the Inlet Guides (23), items can be created with a stripe pattern.

Fig. C



Place the Skimmer Belt Frame Assembly (7) shown in fig. C on the left side of the 3Z baffle leaving the Skimmer Bucket (8) off.

Place the assembled Enrober on the 3Z hooking the indents (9) on the legs over the sheet metal top. Orient the face of Enrober approximately 2 -1/4 inches off the front lip of the 3Z as shown in fig D.

Engage slot (10) on the Hopper with pin (11) on the Coating Section as shown in fig C.

Install the Bucket (8) onto the Skimmer Post (12) as shown in fig. C, threading the Skimmer Belt thru the Bucket Slot. The edge of scraper (13) should lie against the face of the Skimmer Drive Pulley (14) as shown in fig E.

Fig. D

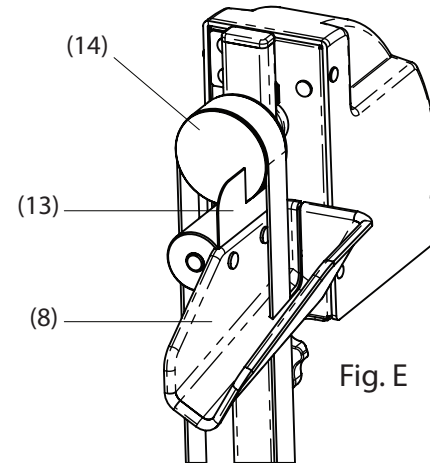
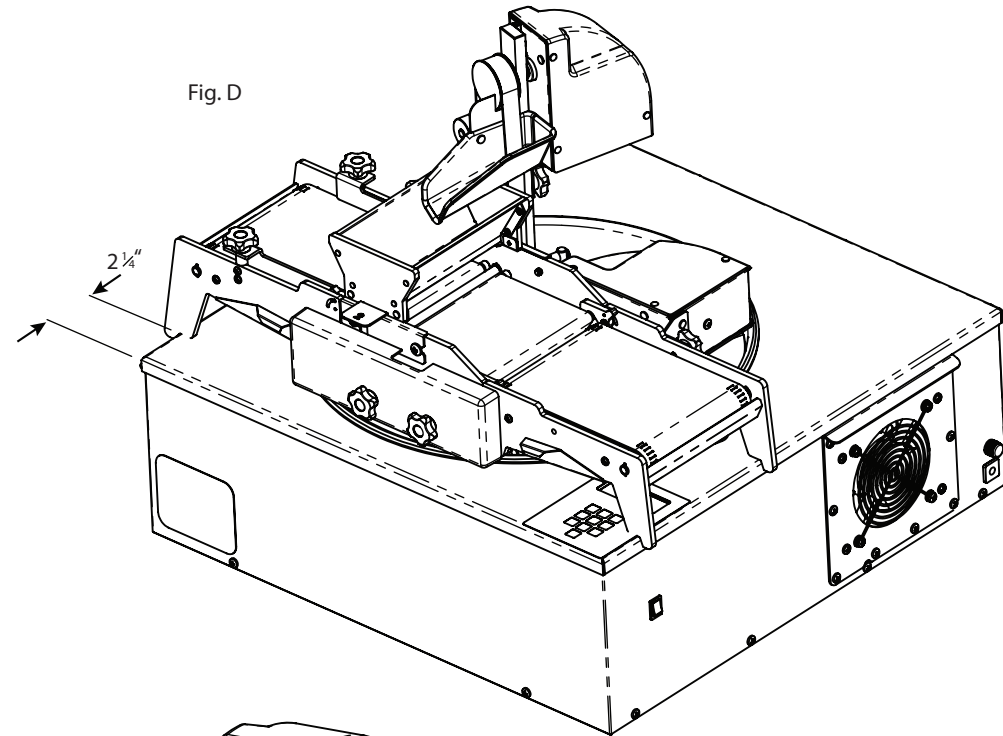


Fig. E

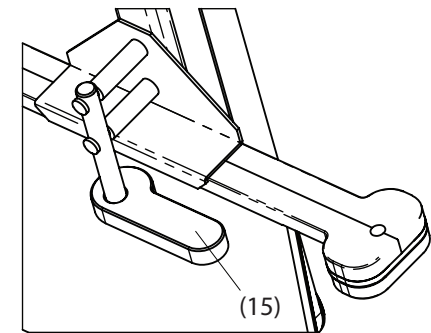


Fig. F

Position the Skimmer on the 3Z Baffle so the spout on the Bucket is centered on the Enrober Hopper, and then lock the Skimmer on the Baffle by rotating the Skimmer Locking Cam (15) as shown in fig. F.

Align the square recess in the Enrober Motor (6) with the square (17) on the Enrober Drive Shaft, and rotate so slot (18) the Motor Clip engages screw (19) on the Coating Section as shown in fig F. Tighten knob (20) to lock. See fig. C.

Fig. G

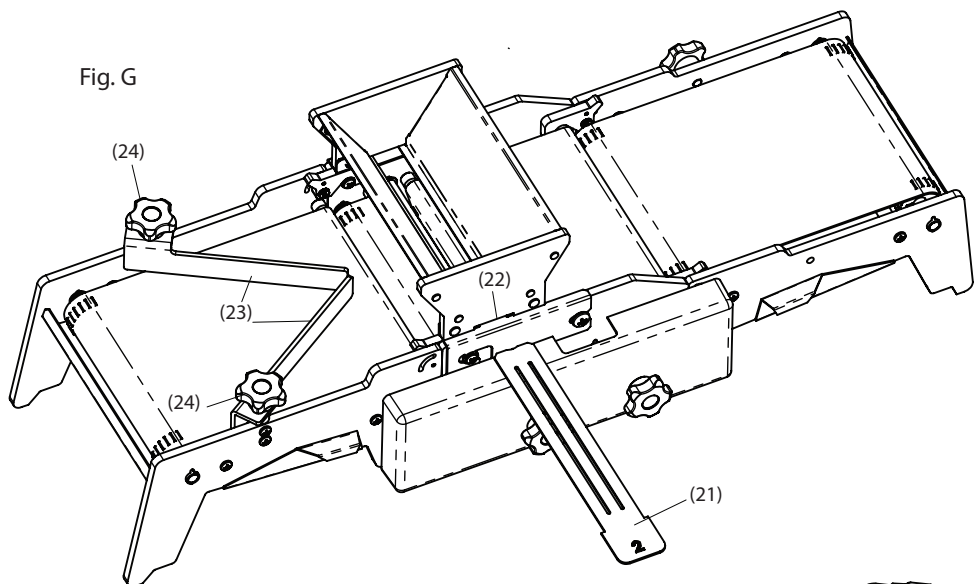
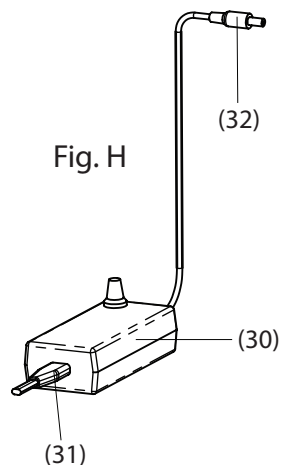


Fig. H



Slide the selected Insert (21) through slot (22) in the Enrober Hopper until it stops as shown in fig. G. See the section on SETTINGS.

Adjust the Enrober Inlet Guides as desired (23) and lock with knobs (24) as shown in fig. G. See the section on SETTINGS.

Align the square recess on the Skimmer Motor (25) with the square (26) on the Skimmer Drive Pulley, and rotate so slot (27) on the Motor Clip engages screw (28) on the Belt Frame as shown in fig C. Tighten knob (29) to lock.

Rotate the Speed Control Knobs on the Power Supplies (30) counter clockwise. Connect the Power Supply cords (31) to the Power supplies, and plug the Circular Connectors (32) from the Power Supplies into the Receptacles (33) on the Skimmer and Enrober Motors. See fig H.

Plug the Power Supplies into 115V receptacles and route the wires away around the Tempering Bowl "34" as required.

INSTALLATION AND SET UP

Position the hooks (1) on either end of the Coating Section over the cross ties (2) on the Intake and Exit sections as shown in fig. A

Rotate the sections to mesh the driven gears on the Intake and Exit with the driving gears on the Coater, and engage the clips (3) on the Intake and Exit to lock the sections.

Rotate knob (4) to tighten the Coating Section Belt, and install the gear cover (5) using knobs (6) as shown in fig. B

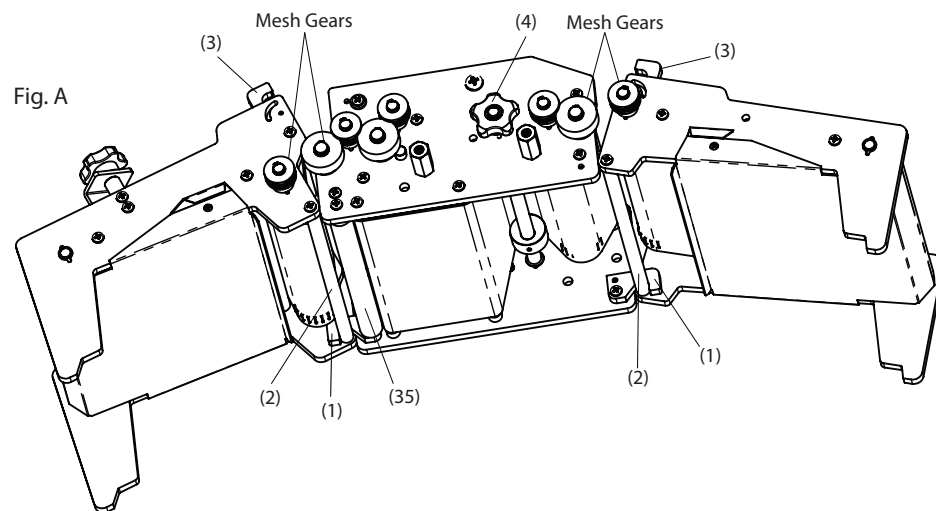


Fig. A

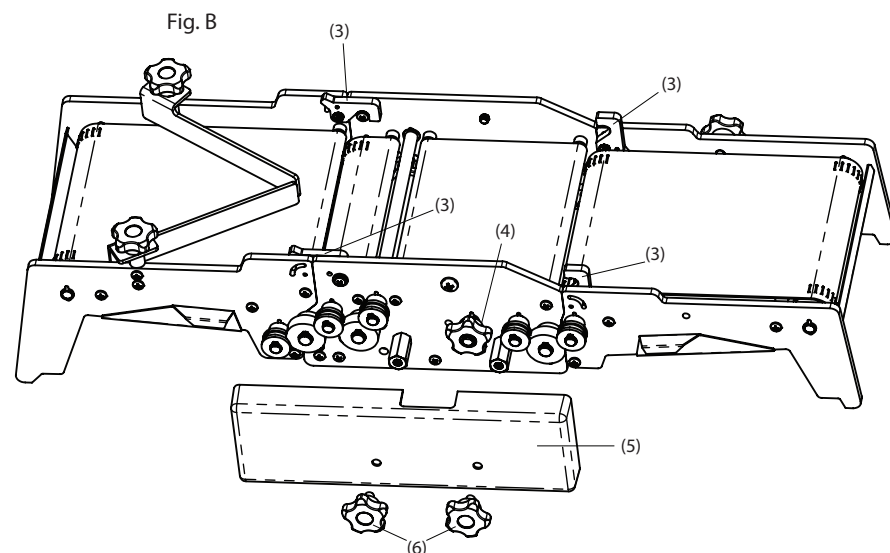


Fig. B