

B R O N W A Y



CBPC-2700[®] Cakebox Packaging Cell
Specification Document

CBPC-2700[©] Cakebox Packaging Cell

Bronway's *New* **CBPC-2700** is an integrated Cakebox Packaging Cell designed to automate the cakebox packaging process. A variety of configurations and layouts can be offered to suit individual customers requirements.

Comprising the Bronway **IHS-2700** Cakebox-base Disc-filling & Handling System, the **SW-2700** Spindle Shrink Wrap Material Applicator, **ST-2700** Spindle Shrink Tunnel and **SFI-2700** Finishing Conveyor, the **CBPC-2700** is a fully integrated system with minimal manual requirement (excluding paper banding & lid placement).



Bronway's CBPC-2700 Cakebox Packaging Cell

CBPC-2700-2 Configuration

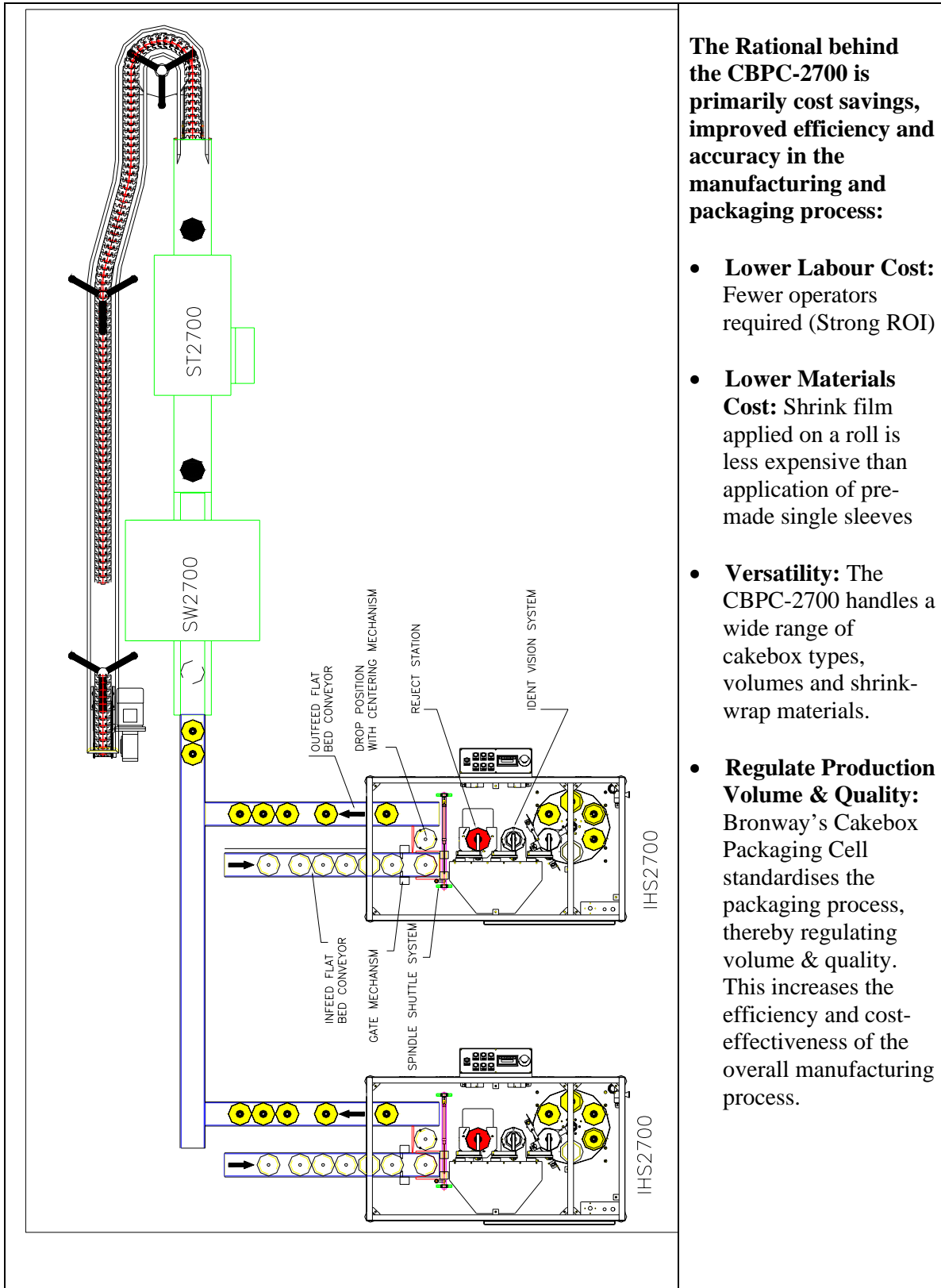
- 2 x IHS-2700 Cakebox-base Disc-filling & Handling System
- 1 x SW-2700 Shrink Wrap Applicator
- 1 x ST-2700 Shrink Tunnel
- 1 x SFI-2700 Conveyor

Disc spindles are manually fed into the IHS-2700 for the automatic transfer of pre-programmed disc quantities into the cakebox-bases (i.e. disc quantities of 10, 25, 50, 100, 150 or any standard volume from 1 to 150 discs.) At the IHS-2700 out-feed the cakebox passes onto the conveyor for manual application of the bellyband and lid. At this point it passes through the SW-2700 shrink applicator and the ST-2700 Heat Tunnel for final accumulation on the SFI-2700 conveyor.

Two variations on the Bronway Cakebox Line are currently available.

- **The CBPC-2700-2:**
Two IHS-2700 machines plus Bulk Pack Cell handling up to 180 discs per minute.
- **The CBPC-2700-4:**
Four IHS-2700 machines plus Bulk pack Cell handling up to 360 discs per minute.

The Cakebox Bulk Pack Cell (SW-2700 and ST-2700) handles up to 600 cakeboxes per hour.



The Rational behind the CBPC-2700 is primarily cost savings, improved efficiency and accuracy in the manufacturing and packaging process:

- **Lower Labour Cost:** Fewer operators required (Strong ROI)
- **Lower Materials Cost:** Shrink film applied on a roll is less expensive than application of pre-made single sleeves
- **Versatility:** The CBPC-2700 handles a wide range of cakebox types, volumes and shrink-wrap materials.
- **Regulate Production Volume & Quality:** Bronway's Cakebox Packaging Cell standardises the packaging process, thereby regulating volume & quality. This increases the efficiency and cost-effectiveness of the overall manufacturing process.

Specification

Machine Speed	CBPC-2700-2 180 discs per minute CBPC-2700-4 360 discs per minute
Shrink Film Application Capacity	600 Cakeboxes per hour
Machine Dimensions	
IHS-2700	Dimensions: 2500mm x 950mm x 2000mm Power: Single-phase 220VAC 50/60Hz. Weight: 400Kg. Air: 6 bar (10 CFM at 80 PSI)
SW-2700	Dimensions: 700mm (W) x 1200mm (L) x 1420 (H) mm Power: Single-phase 220VAC 5A Weight: approximately 150Kg Air: 6 Bar/ 100 PSI.
ST-2700	Dimensions: 2200mm x 400mm. Power: Single-phase 220VAC 16A (5KW heater power). Weight: Approximately 100Kg.
SFI-2700	Custom configured to suit floor-plan layout
CE Approved	

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