



B R O N W A Y



SC-850[®] Sleeve Collator
Specification Document

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The Bronway SC-850 CD/DVD Sleeve Collator is a system designed to automate and simplify the production of CD/DVD sets. This machine accurately and efficiently collates sleeved CD/DVDs into sets and sub-sets of up to 8 CD/DVDs per set. The larger version, the SC-1650, can assemble sets of up to 16 CD/DVDs. Both are stand-alone, ergonomic units with minimal footprints. Compared with manual collation, the Bronway collators offer substantial labour cost savings together with real product integrity. Recent enhancements to the SC-850 Sleever Collator allows you to link machines together to generate sets of up to 32 CD/DVDs and beyond.



FEATURES

High Speed Operation

Set of 8 CD/DVD sleeves assembled in approx. 4 seconds i.e. 15 sets/min. – 7,200 CD sleeves per hour. (The larger SC-1650 produces 1 full set of 16 sleeves in approx. 6 seconds – 9,600 CD sleeves per hour).

8 Input Conveyors

Up to 8 CD/DVD sleeves per set can be configured through a simple menu selection. The larger SC-1650 has a 16 disc capability.

Front Loading

Input conveyors can be front-loaded with up to 150 CD/DVD Sleeves/Input Conveyor.

System Set-Up

The system can be set-up via the keypad/display on the front panel through a simple menu selection or through your existing production network (optional).

Continuous Operation

The conveyors may be reloaded while the unit is operational.

Conveyor Empty Alarm

If any conveyor empties before the pre-programmed production quantity has been completed an audible/visible signal reminds the operator to reload.

Full Product Integrity

Product set count & validation. Optional Bar Code reader for verification of individual CD/DVD sleeve/set.

Ease Of Operation

Allows set-up and operation for non-technical personnel via the keypad/display on the front panel.

Output Direction

The machine can be configured as a left hand or right hand machine. Thus, the position of the sleeve output conveyor automatically configures the direction of the sleeve transport conveyor depending on whether the output conveyor is attached on the left or right hand side of the unit.

Output/Packaging Options

Finished CD/DVD sleeve sets are delivered in either of two ways: via a flighted output conveyor (see photograph) for manual treatment by an operator; or via an interface to automatic packaging equipment (details available upon request).

BENEFITS

- Increased throughput with the ability to ramp-up on demand – up to 7,200 sets can be processed per hour.
- Substantially reduced labour costs.
- Rapid payback on investment.
- Higher integrity in the finished product.
- Ergonomic design; small footprint – easily integrated.
- Choice of output delivery mechanisms to enable either manual or automatic finishing/packaging.
- Greater level of automation for improved product flow after sleeving (reduces W.I.P. and eliminates bottlenecks).
- Reduced manual handling of CD/DVD Sleeves (cosmetic improvement).

SPECIFICATIONS

CD Sleeve Type

Card, Paper, Polypropylene, Tyvek & Safety Sleeve

Capacity

1,200 CD/DVD Sleeves can be held in the 8 input Conveyors.

Weight

SC-850 – Approx. 150 kg.

SC-1650 – Approx. 250kg.

Dimensions

SC-850 – 2000mm x 1325mm x 1300mm.

SC-1650 – 3300mm x 1325mm x 1300mm.

Energy Requirements

220/110 VAC 50/60Hz. Single Phase 5A.

10-100psi with less than 1 CFM.

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