



B R O N W A Y



SC-1650[®] Sleeve Collator
Specification Document

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The Bronway SC-1650 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 16 CD/DVDs per set. The smaller version, the SC-850, can assemble sets of up to 8 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-1650 Sleeve Collator allows you to link machines together to generate sets of up to 32 CD/DVDs and beyond.



FEATURES

High Speed Operation

Set of 16 CD/DVD sleeves assembled in approx. 6 seconds i.e. 10 sets/min. – 9,600 CD sleeves per hour. (The smaller SC-850 produces 1 full set of 8 sleeves in approx. 4 seconds – 7,200 CD sleeves per hour).

16 Input Conveyors

Up to 16 CD/DVD sleeves per set can be configured through a simple menu selection. The smaller SC-850 has a 8 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 and individual sleeve validation is provided as standard on the machine. Optional bar code reader for verification of individual CD/DVD sleeve/sets is possible.

Ease Of Operation

The system allows set-up and operation by 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 9,600 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

2,400 CD/DVD Sleeves can be held in the 16 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.

For further information, please contact:**Bronway Ltd.**

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