

Model 70 Partition Opener / Inserter

For Multi-Celled Partitions



The Model 70 automatically opens and inserts lightweight chipboard partitions with 6, 12, 24 or 48 cells into RSC, HSC or Tablock cases at speeds to 35 cases per minute. This efficient machine utilizes a streamlined two-step progression, operated by A-B-C's "intelligent control" electronics to ensure accurate opening and

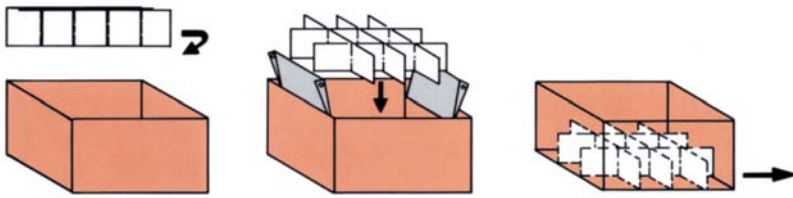
positive placement of the partition into the case. Continuous operation is assured, due to the easy-load partition magazine, which may be filled at any time during operation. The compact size and in-line design allow this machine to be easily installed between the case erector and packer on an existing packaging line.



**A-B-C PACKAGING
MACHINE CORPORATION**

Model 70 Partition Opener / Inserter

For Multi-Celled Partitions



For fast, reliable inserting of full height or shoulder height partitions

Reliable Operation

For simplicity of operation and maintenance, this partition inserter has been built with few moving parts. The partition feed mechanism strips and opens the partition in one motion. Once opened, the servo-controlled ram pushes the partition into the case in one stroke, allowing the partition to open the funnels that guide it into the case. All operating parts are easily accessible.

Machine functions are operated by programmable logic controller (PLC), ensuring precise timing of all actions and efficient operation. The color touchscreen display provides a clear and convenient control station. Machine setup and changeover, operating reports, and production statistics are easily accessed at the control station.

Positive Control

A-B-C's partition opener / inserter ensures high productivity with a design that retains positive control of the case and the partition through all stages...stripping, erecting, case indexing and inserting of the partition:

- Cases are indexed into the machine individually on the built-in conveyor to prevent line back-pressure from causing misalignment
- A case-stopping device positions each case directly under the partition guide funnels
- Partition panels are securely gripped before opening
- Control is maintained as the partition is opened and positioned over the case.
- Funnels descend into the case to guide the partition as it enters the case. This is important for cases that are not squarely sealed or tablock cases that have a natural case twist.

Flexible

- Opens and inserts partitions with 6, 12, 24 or 48 cells
- Minimum cell size- 1-1/2" square
- Runs regular slotted (RSC), half-slotted (HSC) or tablock cases

All information in this brochure was current at time of printing, however, in the continuing effort to improve the quality and construction of A-B-C equipment, we reserve the right to make changes without notice.

- **COMPACT SIZE**
- **LOW MAINTENANCE**
- **VERSATILE**
- **CONTINUOUS OPERATION**

Operation:

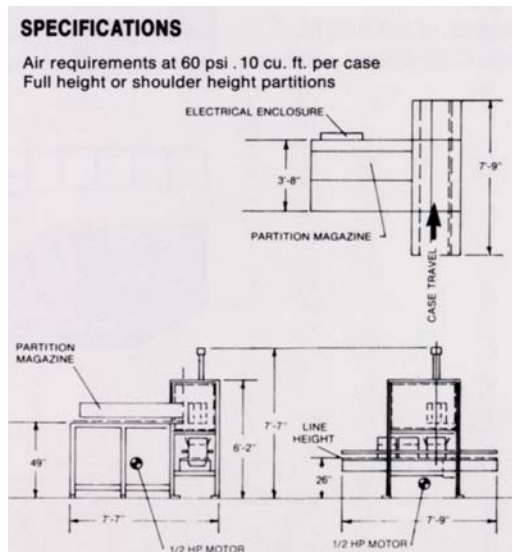
1. Knock-down assembled partitions are placed vertically in the magazine.
2. The case is indexed by conveyor, and positioned by case stops at the loading station.
3. The opening device moves to firmly grip the partition and position it over the empty case.
4. As the opened partition is pushed downward, it moves through the funnels that guide it securely into the case.

Specifications:

Case range: RSC, HSC or Tablock cases
Speed: To 35 partitions/cases per minute

Case	L	W	H
Minimum	11"	7"	4"
Maximum	27"	12"	12"

Partition	L	H
Minimum	13"	4"
Maximum	32"	12"



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