

Foliotronic® Plus

The Foliotronic® Plus finishing system completes the process of financial document production. Printed and collated folios are automatically trimmed, cut and bound into books at a rate of up to 2,000 books per hour.

For High Volume Folio Production

The Foliotronic® Plus finishing system can be purchased either as a complete unit or the guillotine module can be purchased as a stand-alone operating system.



Capabilities

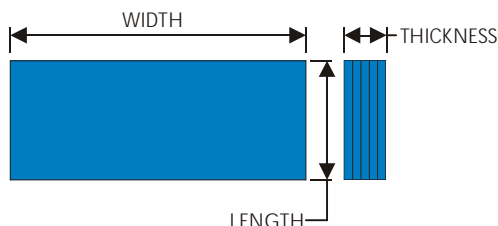
- Trims, Cuts, Staples and Binds Printed Folios Automatically
To minimize finishing costs while improving efficiency.
- Programmable Job Controls
To change book specifications – size, thickness – with ease and minimal delay.
- Pneumatic Cylinder Cutting Mechanism
Provides superior performance and reliability.
- Tape Present Sensor
Detects the absence of tape from a book in process and stops the system.
- Fully Adjustable
To accommodate a variety of finished book sizes and thicknesses.
- Stacker Option
Attach the optional stacker module to help maintain continuous operation and enhance finishing efficiencies.
- High Volume Output
To handle even the most demanding production quantities.
- Rugged System Design
To provide maximum efficiency with minimal downtime and maintenance delays.

General Specifications

- Maximum throughput:** 2,000 books per hour
- Power requirement:** 220-240 V, 50/60 Hz
(Factory configured. Not field adjustable.), 21 amps
(25 amps with optional Stacker)
- Compressed air supply pressure:** 80-120 psi at 20 cfm
(25 cfm with optional Stacker)
- Operating Temperature:** 60°F to 80°F (15.5° C to 26.6° C)
- Operating humidity:** 35% to 60%
- Service access:** 4 feet minimum on all sides

Specifications for Stitcher-Binder Module

- Book dimensions - Operator Adjustable**
- Length:** Minimum 2.5" (6.4 cm)
Maximum 5.0" (12.7 cm)
- Width:** Minimum 6.0" (15.2 cm)
Maximum 11.0" (27.9 cm)
- Thickness:** Minimum 1/32" (0.8 mm) – 6 average documents
Maximum 1/2" (12.7 mm) – 100 average documents



Stitching wire

For books of standard document types and weights, varying thicknesses of wire are required. The following are recommended:

- Book thickness 1/32" - 1/8" (0.8 mm - 3.2 mm)**
– 24 gauge high carbon round wire
- Book thickness 1/8" - 3/8" (3.2 mm - 9.5 mm)**
– 20 x 24 gauge steel wire
- Book thickness 3/8" - 1/2" (9.5 mm - 12.7 mm)**
– 19.5 x 21 gauge mild steel wire

Binding tape (heat-set)

- Standard widths:** 2.75" (7 cm), 3.0" (7.6 cm)
- Standard colors:** white, gray and black
- Custom sizes and colors are subject to special order.*

Specifications for Guillotine Module

The guillotine accepts a folio of multiple books to the specifications detailed for the Stitcher-Binder. Throughput of up to 2,000 books per hour is based on a 4-book folio with a maximum length of 17 inches.

The guillotine cutting mechanism consists of an enhanced pneumatic cylinder which provides superior reliability and performance. The cut of the guillotine is perpendicular to the bind within +/- 0.3° and the squareness of the cut is within 0.02" (0.5mm).

Specifications for Stacker Module

The programmable Stacker Module accepts, stacks and conveys books finished on the Foliotronic® Plus system. It accepts the complete range of folio sizes that can be processed by the Foliotronic Plus system and stacks books from two to ten deep onto a pallet. The completed pallet of books can then be conveyed downstream to additional finishing equipment.

Module Size And Weight

Unit	Size (height x depth x length)	Weight
Guillotine	53" x 28" x 60" (134.6 cm x 71.1 cm x 152.4 cm)	667 lbs (303 kg)
Stitcher-Binder	72" x 45" x 80" (182.9 cm x 114.3 cm x 203.2 cm)	1875 lbs (850 kg)
Stacker	45" x 48" x 56" (114.3 cm x 121.9 cm x 142.2 cm)	647 lbs (294 kg)



Foliotronic® Plus is a trademark of Delphax Technologies Inc., registered in the U.S. Patent and Trademark office. For more information about a specific Foliotronic® Plus finishing system, please contact the Delphax sales department at one of the offices listed below.

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