Northern machine works
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ATLAS C150

HIGH-SPEED AUTOMATIC CREASER/PERFORATOR



atlas C150

FORMAX®

The ATLAS C150 High-Speed Automatic Creaser/Perforator offers outstanding features in a compact footprint. An intuitive touchscreen control panel and top vacuum pile feed system make it ready to take on high volume jobs with ease. The unique heavy-duty creasing matrix eliminates cracking in digital prints, ideal for on-demand jobs requiring a professional finished look. It can be equipped with an optional second creasing/perforating blade kit, which allows for single-pass up/down creasing and cross/partial perforation for hinges, book covers, multi-panel brochures, and tear-off applications.

The top-loading vacuum infeed adjusts automatically to handle media stacks up to 7.8" high. Its optical sensors control sheet separation by constantly monitoring the float zone and making adjustments on-the-fly. Designed to handle today's larger media sizes, the feed table extends to accommodate media up to 15" W x 51" L, in weights from 80-400 gsm, while the adjustable outfeed stacker holds processed sheet stacks up to 4.7" high.

Using the color touchscreen control panel makes setup quick and easy. Simply enter the sheet length, weight, and fold type, and the Atlas C150 automatically calculates the crease locations and sets them accordingly. Users can easily choose from pre-programmed common creases, or create and save an unlimited number of custom jobs.

The Atlas C150 features quick-change creasing matrices which are easy to swap in and out in just seconds, without using any tools. It also includes an in-line rotary perforation kit, which allows for creasing and perforating in a single pass. An optional cross perforating blade kit can be used to combine creasing and cross perforating in a single pass for a variety of jobs including brochures with tear-offs.

Additional options include a second creasing blade kit, narrow and ultra narrow creasing blade kits, and the AC-10 Folder which enables users to crease, perforate, and fold in-line.

With high-speed output, user friendly features and the ability to handle large media sizes, the ATLAS C150 is a welcome addition to today's digital print environments.

Pressure Seal Solutions • Mailing Solutions • Data Destruction Solutions • Digital Print & Finishing Solutions

Features

Vacuum Top Feeding: Edge-registered for accurate feeding

Self-Adjusting Pile Feed Table: Offers a media loading capacity of up to 7.8" high

Optical Sensors: Control sheet separation by constantly monitoring the float zone and making adjustments automatically on-the-fly

Fully Automatic Setup: Settings are automatically adjusted based on sheet size, weight and crease/perforation type

Color Touchscreen: Intuitive, user-friendly interface with bold icons

Programmed Creases: Common creases are simple to call up on the touchscreen

Programmable Jobs: Users can store and recall an unlimited number of custom jobs

High-Speed Processing: Up to 8,500 sheets per hour

Infeed Table Extension: Accommodates media up to 51" long

Adjustable Outfeed Stacker: Can be raised or lowered to hold up to 4.7" of processed media

Ultrasonic Double Sheet Detection: Provides incredible feeding accuracy

Quick Change Creasing Matrix Kits: Easy to swap in and out in just seconds, with no tools required

Flexible: Powerful creasing unit accepts standard, narrow, and ultra narrow creasing blades, as well as optional cross perforation blades

In-Line Rotary Perforation: Perforate and crease in a single pass

Heavy Duty Creasing/Rule Matrix: The creasing/rule matrix compresses and embosses the paper fibers, virtually eliminating tearing and cracking on the folded edge of digital prints. Includes one standard creasing matrix kit, with the option to add a second creasing/cross perforating kit.

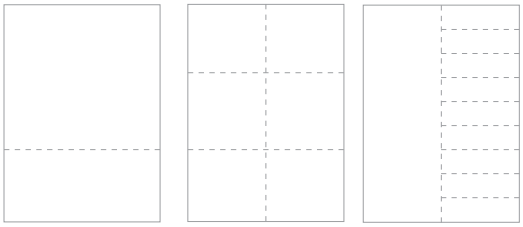
Options

Additional Creasing Matrix Kit: Works in conjunction with the standard creasing matrix to produce up/down creasing for hinges, book covers and complex brochures, all in a single-pass

Cross/Partial Perforation Kit: Ideal for full and partial perforating along the width of the sheet. Can be used alone or with the rotary perforating kit to produce tear-off tickets and vouchers (see image below).

Narrow and Ultra Narrow Creasing Matrix Kits: Ideal for creasing various paper weights

AC-10 Folding Unit: Used in-line with the C150, it adds folding to the crease/perforate process



Perforation examples:
Cross perforation
Rotary & cross perforation
Rotary & partial perforation

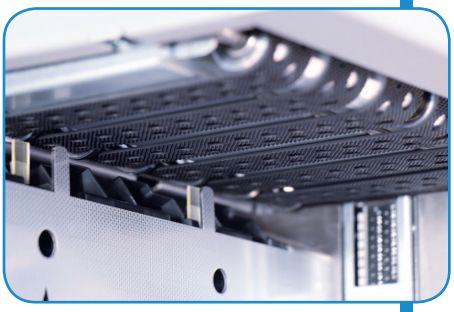
Specifications

Speed:	Up to 8,500 sheets per hour * (8.5" x 11")
Sheet Size:	Max: 27.5" x 15" (51" X 15" w/std. extension table) Min: 8.2" x 3.89"
Paper Thickness:	Max: 0.015" (400gsm) Min: 0.0035" (75gsm)
Creases per Sheet:	Up to 30
Min. Repeat Crease Distance:	0.0039" (depending on paper weight)
Programmable Jobs:	Unlimited
Max. Loading Capacity:	Up to 7.8" (4" for sheet lengths greater than 27.5")
Stacker Capacity:	Up to 4.7" high
Dimensions: With Feed Table Fully Extended:	66.5" L x 28.7" W x 45.7" H 100" L x 28.7" W x 45.7" H
Weight:	551 lb.
Power:	100-240V, 50/60Hz, 8-4A

** Speed varies depending on paper weight*



Color touchscreen control panel features bold icons and simple automatic setup



Powerful vacuum top-feed system and optical sensors control sheet separation and make adjustments on-the-fly



Extra long infeed table extends to hold media up to 51" in length



Atlas C150 (right), paired with optional AC-10 Folding Unit for single-pass creasing, perforating and folding

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