Canon













HIGH-SPEED OUTPUT ON A VARIETY OF MEDIA TYPES



Output that looks and feels like offset. Presses built to continuously perform. A commitment to your business's growth.

Building business

Since its introduction in 2007, customers have made bold statements about how the Canon Color imagePRESS Series has helped build their business and better serve their customers.

Canon prides itself on partnering with customers and understanding their needs. It has historically invested approximately eight percent of annual revenue in research and development for its technologies.

Market leadership

This commitment to the future has helped build Canon's position as an industry leader in high-quality digital imaging. The imagePRESS platform was developed entirely within Canon, comprising one of the largest investments for a single product group in the company's history.

Canon has leveraged its foundations in imaging excellence to build a high-quality product, and it has made a financial commitment to the challenging production marketplace. A new generation of Color imagePRESS systems continues redefining performance and expectations of customers—print professionals in commercial print shops, quick printers, in-plants, and CRDs.

Ten areas of excellence

Canon is committed to expanding the imagePRESS platform in 10 Areas of Excellence. These focal points were identified by customers as being most important to their business growth and success.





A synergy of technologies for creating best-in-show images.

Near-offset quality combined with the superior advantages offered by digital technology deliver high-quality imaging that will make you stand out and get noticed.

Quality you can see and feel

The synergy of true 1200 x 1200 dpi resolution, one of the widest color gamuts of all four-color digital presses,* advanced V Toner, and an innovative imaging platform produce images with smooth gradients and consistently reliable color on gloss, matte, and specialty stocks. Images look—and feel—like offset printing.

Optimized toner

Canon's oil-free V Toner particles average just 5.5 microns versus up to 14 microns in other systems. The small particle size lets you produce outstanding prints even on textured stocks, extending the range of applications you can handle. Each toner particle has a micro-dispersed wax component that enables even fusing and a lay-flat finish, just like offset inks, even on pages with high toner coverage.

Gloss optimization

A unique combination of toner characteristics, imaging science, and oil-free fusing technologies work together to minimize the deviations in gloss reflectance relative to media finish that are often associated with digital printing. This provides a high-quality image that's often achieved only by competing systems that can cost up to twice as much.

Wide range of papers

A flexible Advanced Image Transfer Belt, similar to the blanket on an offset press, helps toner penetrate the paper surface for reliable adhesion and an offset look and feel on almost any stock.

Outstanding consistency

Delivering consistent print quality throughout a run, especially on reprint orders, is a critical capability. The three key features that follow ensure the consistency you need.

PRESS CALIBRATION

A primarily automated, simple process that makes daily setup a breeze.

REAL-TIME CALIBRATION

Frequently measures and adjusts color density during a print run to minimize fluctuations.

HUMIDITY SENSOR/AIRFLOW UNIT New, precise controls for internal environment and density stabilization help to deliver and maintain the highest quality throughout a run.



Advanced technologies to keep jobs racing ahead and profitable.

As a print professional working in a fast-paced environment with constant job changes, you need real-world productivity advantages that add value to your operation.

Maximum uptime

Productivity is about keeping your press running—every interruption costs time and money.

On-the-fly replacement of paper, toner, and even waste toner containers keeps jobs flowing through the press.

Ultrasonic multifeed detection diverts any multisheet feeds to an escape tray while maintaining throughput.

Accurate registration

The Canon Color imagePRESS Series features in-track registration, a side guide, and timing sensors—like those on offset perfecting presses—to help prevent text and images from being misaligned.

Advanced paper feeding

The Canon Color imagePRESS Series has features that produce reliable, accurate feeding, like a traditional press:

SUCTION FEEDING

Picks up the top sheet with air, not rollers, stabilizing the page as it enters the press.

AIR ASSIST AND AIR SEPARATION Reduce paper friction and keep sheets separated to prevent doublefeeding and operator intervention.

Full-rated speed

A common challenge on digital presses is maintaining rated speed when running heavier stocks. Color imagePRESS C7010VP/C6010VP models use a dual fusing system designed to achieve full-rated speed, regardless of media weight. Heavier

weight and coated stocks are passed through both fusing units, enabling the press to maintain higher throughput speeds for fast turnarounds, without sacrificing image quality. On imagePRESS C7010VP/C6010VP models, this is 70/60 letter-sized pages per minute, respectively. The imagePRESS C6010 also has dual fusing to help ensure the highest image quality.

Customer Productivity Program

The Customer Productivity Program (CPP), which complements a standard service contract, can provide Canon imagePRESS C7010VP/C6010VP/C6010 customers with the ability to improve the uptime and productivity of their digital press by having trained operators perform proactive maintenance procedures. This helps your business stay up and running.



Innovative features deliver flexibility, efficiency, and performance.

You want a digital press that can be configured to your needs. The Canon Color imagePRESS Series offers multiple controller choices, a range of finishing options, and a host of media capabilities.

Serious processing power

One of the most extensive selections of controllers available lets you choose the optimal level of power and functionality. Commercial shops, quick printers, and in-plant operations alike can choose the RIP solution that fits their needs:



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Impressive scalability

The wide array of in-line modular options begins with multiple paper supplies and high-capacity stackers for handling heavy print volumes.

Finishing options include units for stapling, folding, perfect binding, booklet trimming, and more. Each modular finishing device is easily connected to an imagePRESS system, providing a versatile, highly functional, scalable system that meets the changing needs of your customers.

The latest saddle finisher can stitch 25 sheets* up to 13" x 19.2", allowing production of 100-page large-size booklets. And with the new **Saddle Press Technology**, users control the pressure to adjust the fold based on the thickness and number of sheets in the booklet.

Supported Media

Your customers come to you for marketing collateral, direct mail, books, posters, packaging, labels, and more. So the wider the range of substrates your press can handle, the better you can satisfy those needs.

PAPER WEIGHTS From 16 lb. Bond (60gsm) to 120 lb. Cover (325gsm)

SIZES From 7.2" x 7.2" to 13" x 19.2"

*Based on 20 lb. Bond paper.



Uptime that goes the distance, shift after shift, day after day.

Whether you manage an in-plant facility, a commercial print operation, or quick print shop, you'll value the durability and color consistency of the Canon Color imagePRESS Series.



Canon imagePRESS C7010VP

Built to perform

The Canon Color imagePRESS Series, built using a rigid metal construction, has a legacy of reliable performance. The new Color imagePRESS Series features increased life of several key parts and components, increasing uptime to help your press meet the demands of your deadline-oriented environment.

Color consistency

The Color imagePRESS Series has closed-loop, automated controls for color reliability. Real-time automated press calibration ensures colors remain true throughout a print run. And a new humidity sensor continuously monitors moisture inside the developing unit. It also stabilizes the exact amount of toner and developer needed, while enhanced density stabilization sensors adjust on the fly.

Output durability

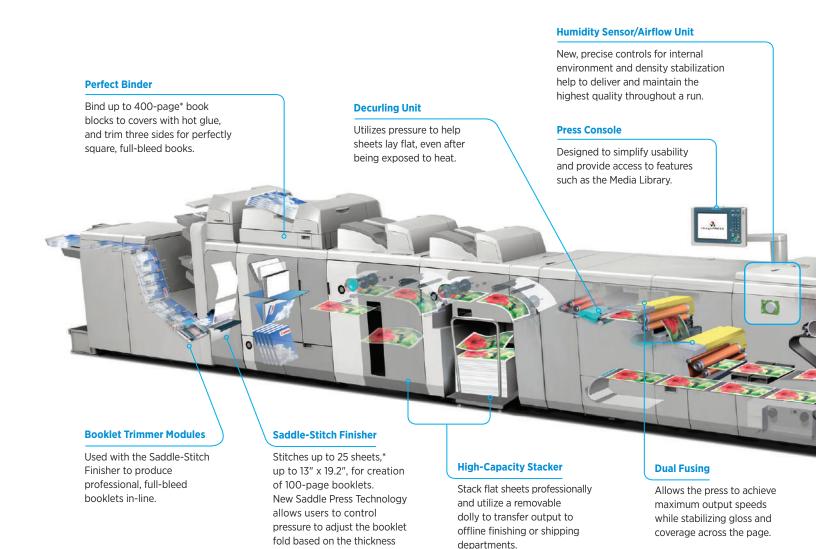
Another measure of reliability is output durability—how well your printed documents perform in challenging applications such as direct mail. The Color imagePRESS Series has always been strong in this regard, and now independent testing by both the Digital Print Council and IPA shows that prints from the Canon Color imagePRESS digital presses have superior resistance to mail stream scuffing and abrasion.

And for printed products that may be utilized outdoors or have exposure to sunlight, independent testing has also confirmed the light fastness of the colorants that make up V Toner, so your marketing message won't fade quickly due to sunlight.

STAND-OUT PERFORMANCE

Designed for profitable productivity.

The Canon Color imagePRESS Series delivers the cutting-edge technologies, media capabilities, and finishing options that will help drive your business ahead.



and number of sheets.

AREAS OF EXCELLENCE

IMAGE QUALITY

Technological innovation to deliver the quality your customers expect from a global imaging leader.

PRODUCTIVITY

Advanced dual fusing and paper handling plus a flexible operator maintenance program to maximize throughput and uptime.

VERSATILITY

The power to handle more applications in multiple environments, and the scalability to grow with your needs.

/ RELIABILITY

Increased hardware durability to handle heavy workloads while maintaining color consistency and durability of the prints

FINISHING

Numerous in-line finishing capabilities that can generate new revenue and reduce costs by minimizing time and labor while adding valuable margin to the printed product.

USABILITY

A refreshed Media Library and the ability to adjust and control many system settings on the fly, including new, automated user controls.

WORKFLOW INTEGRATION

Collaboration with numerous imagePRESS
Workflow Solution partners to offer a rich mix
of choices like Web-to-print and VDP options
to streamline operations, gain new efficiencies,
reduce costs, and attract new business.

SUSTAINABILITY

More durable parts, recyclable consumables, and energy-saving modes leverage on-demand printing and sustainability; print on most recycled stocks and produce output that can be easily de-inked and recycled.

BUSINESS DEVELOPMENT

The Essential Business Builder program makes countless business assessment and strategic growth tools from top printing industry organizations accessible through an online microsite—included with your purchase.

SERVICE AND SUPPORT

First-class service coverage structured to keep your Canon imagePRESS system up and running so you can meet your productivity and profitability goals.

E Drum

Engineered for optimum image transfer and durability.

V Toner

Oil-free, wide-gamut colorants that enable vivid colors and a realistic finish.

Escape Tray

Any multisheet feeds from the paper decks are routed here, without stopping or jamming the press.

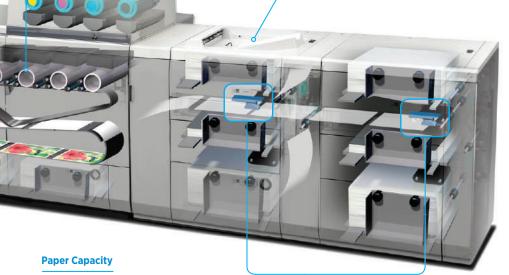
Advanced Feeding Technologies

Air Assist features provide reliable,

accurate paper feeding, like near-

offset press printing.

Air Suction, Air Separation, and



2,000-sheet* input is standard, with the ability to scale up to 10,000 sheets.* All trays accommodate all supported media.

Ultrasonic Multisheet Detector

Detects and diverts any multisheet feeds to the Escape Tray while maintaining throughput.



Grow your revenue with value-added services that are hard to resist.

Offer your customers the finishing options that meet their needs and help build your bottom line. Seamless in-line finishing helps increase productivity and value—without adding any labor.

Streamlined functionality

Canon's comprehensive and versatile range of modular, in-line finishing options eliminate the need for costly, space-consuming offline equipment. The Color imagePRESS Series delivers labor-saving, efficient finishing operations in a singular footprint.

Modules for saddle-stitching, perfect binding, stacking, hole-punching, and in-line trimming can be quickly integrated with any imagePRESS model.

All finishing modules can be managed from the main imagePRESS Server driving the press for efficient operator control.

And you can produce and finish more jobs in-line, without operator intervention. Designed specifically to work with the Color imagePRESS Series, these finishing modules shorten the time needed to produce and finish a job, help you meet the tightest deadlines, and keep finishing in-house.

Easy integration

For those professional print shops that already have finishing departments, the Color imagePRESS Series can also integrate with several near-line finishing options via JDF to let you work with existing processes and workflows.

Saddle Press Technology

The new Saddle Press Technology allows operators to adjust pressure on the booklet fold based on thickness or number of sheets for a more professional finish.

FINISHING MODULES

Saddle Finisher

Stitches up to 25 sheets,* up to 13" x 19.2", for creation of 100-page booklets.

Professional Punching

Numerous die patterns available for productive document preparation in-line.

Booklet Trimmer Modules

Use with the Saddle Finisher to create full-bleed, saddle-stitched booklets.

Perfect Binder

Bind book blocks to covers with hot glue, and trim three sides for perfectly square, full-bleed booklets.

^{*}Based on 20 lb. Bond paper.



Ease of use simplifies operation and takes capabilities over the top.

With extensive and simplified user controls, the Canon Color imagePRESS Series makes producing professional printed products achievable by a variety of operators.

Media controls

Every print service provider knows that the wider the range of papers a press can handle, the more jobs that can be produced and the more customer needs that can be satisfied. Yet maintaining output quality and operational efficiency when using multiple paper stocks can be barriers to productivity.

On the Color imagePRESS Series, up to eight paper trays provide a capacity of up to 10,000 sheets. Supported stocks can be placed in any tray, and the stock selection can be edited and managed from the operator panel. Press output for each media is optimized by specifying such factors as basis weight, coatings, texture, grain direction, and curl. For a more simplified setup, a generalized array of standard paper selections is available with automated settings to control the output.



Non-stop Performance

Trays can be reloaded without stopping the press, enabling jobs to be queued so your imagePRESS digital press can run for hours.



Registration Adjustment

Excellent side-to-side and front-to-back registration can be further refined through a new, automated digital process to control previously manual mechanical adjustments.



Paper Clearance

The new Color imagePRESS Series has a three-stage jam ejection feature that brings new levels of automation and efficiency to the error-recovery process.



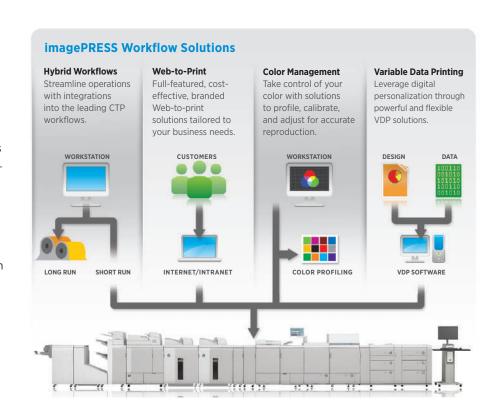
The highway to performance, efficiency, and profitability.

Getting the most from your investment requires flexible, adaptable solutions that can keep pace with the demands of a rapidly changing marketplace.

Powerful solutions

Developed with customer input in mind, the Canon imagePRESS Workflow Solutions provide the support you need to integrate with workflows from leading computer-to-plate (CTP) and other pre-press vendors, add comprehensive Web-to-print capabilities, and implement VDP programs that can make your business an integral part of your customers' success.

Canon imagePRESS Workflow Solutions are powerful, comprehensive tools that help increase efficiency, streamline operations, reduce costs, and provide the services and capabilities to distinguish your print operation from the competition and improve your bottom line. Canon's goal is to offer a complete solution that integrates with industry standards and supports ongoing developments in digital workflows.





Conservation throughout the product life cycle.

Canon is committed to maximizing resource efficiency and contributing to a society that practices sustainable development.

A comprehensive approach

From R&D to design to manufacturing, Canon aims to control the impact its products have on the environment. It follows energy-efficient manufacturing processes, uses recycled materials, works to eliminate hazardous substances, and improves the energy efficiency of its products. With the Canon Color imagePRESS Series, you can feel good that you're operating your business in a more sustainable manner.

Power consumption

The Canon imagePRESS C7010VP model requires less power to operate than offset presses and most larger digital systems. In addition, Sleep and Low Power modes lower total electric consumption.

Recycled media

Some recycled paper stocks can be printed on the imagePRESS digital press, making it easy to find a stock that will meet customer requirements for both printing and sustainability. This is becoming increasingly important as companies implement sustainability policies for printed materials.

Media recycling and de-inkability

Independent tests from INGEDE give the Color imagePRESS Series a de-inkability score of 98, indicating an excellent ability to remove the toner from printed pages.

RoHS compliance

Like other Canon products, the imagePRESS digital press is compliant with RoHS (Restriction of Hazardous Substances) regulations and is also designed for complete recycling when it reaches end of life.

Consumables

Consumables don't include any VOCs or other harmful or toxic substances. All toner bottles are recyclable and recycling programs are available for customers who don't have appropriate local facilities.



Tactical tools to grow and nurture your business.

With competition tougher than ever, an effective digital business development program is critical. Canon offers you the tools that can help propel your sales and marketing efforts.

Essential Business Builder Program

As your print partner, Canon developed the Essential Business Builder (EBB) Program, a suite of tools included with your purchase of a Color imagePRESS C7010VP/C6010VP/C6010 digital press.

While most print industry business development tools focus on sales and marketing, the EBB Program also provides strategic and tactical support across mission-critical areas for print service providers.

The EBB tools, advice, ideas, and support are available 24/7 online through a microsite dedicated to helping you grow your digital business and stay current with industry trends. This dynamic, interactive site provides access to everything you need to get started today. Talk with your team, engage your marketing staff, involve your sales people, and work together to apply these proven tools.

On-site mentoring

Canon recognizes that some customers prefer a customized approach to business development, tailored to their specific needs. Through the Essential Business Builder Program, Canon has engaged a team of highly qualified, thirdparty industry consultants (mentors) to act as independent advisors to your company. Working on a fee-for-service basis, your mentor brings the outside perspective and objectivity of a seasoned industry expert to coach you through the business assessment and development planning process. With this one-on-one support, you can build a digital printing marketing plan for your imagePRESS digital press and learn how to bring even more value to your customers.





Teamwork that helps maximize uptime and profitability.

You only make money when your press is running. Count on Canon to deliver the outstanding service and support that keeps your business operating at peak performance.

Service coverage

Canon's authorized dealer network provides extensive service coverage across North America. And, because Canon dealers understand their local markets, service and support is aligned to local business needs. In addition, dealers may be able to customize support plans to fit the needs of demanding production environments.

Customer Productivity Program

Some customers prefer having trained technical support onsite. With Canon's Customer Productivity Program (CPP), imagePRESS C7010VP/C6010VP/C6010 customers can improve the uptime and productivity of their digital press. With CPP, your servicing dealer trains one or more Key Operators to perform proactive maintenance, cleaning, replacement of certain critical parts, and print quality diagnostics.

Certified dealer technicians

Canon dealer service technicians are continually trained on new systems and have 24/7 access to online technical support. Canon field personnel also provide seminars on current "hot topics" and can update and refresh the technicians as requested. Many technicians also participate in Canon's voluntary Association of Technical Service Professionals (ATSP) program. This program provides testing that recognizes the technicians' expertise as technical and service support providers.

Parts availability

Canon constantly monitors parts demand and seeks to maintain supply levels at parts depots and dealers. Commonly used parts can generally be ordered around the clock, seven days a week, on a next-flight-out status.

Remote diagnostics

When the award-winning imageWARE Remote Software is activated on a digital press, the servicing dealer will be able to receive meter information as well as immediate notification of errors, jams, and alerts by e-mail. By addressing the problem proactively, service providers can deal with issues as they arise and keep you up and running.

PRODUCT SPECIFICATIONS



MARKING ENGINE

Technology Laser Electrostatic Transfer System Resolution: Up to 1200 x 1200 dp Halftones: 256-Level Grayscale Print Speed (IPM) Simplex/Duplex C6010VP/C6010 C7010VP

8.5" x 11": 60 70 11" x 17": 37 32 12" x 18" 35 30 13" x 19": 33 28 Paper Size 7.2" x 7.2" to 13" x 19.2"

Paper Feeding

Standard: 2,000 Sheets (20 lb. Bond) Maximum: 10,000 Sheets (20 lb. Bond) 16 lb. Bond to 120 lb. Cover Paper Weight: (60gsm to 325gsm) Duplexing/Perfecting: Automatic Duplex/Perfect

Any Supported Stock

Power Source

C7010VP/C6010VP: 3-Phase 208V/30A Single-Phase 208V/30A

Dimensions

 $(H \times W \times D)$: 52.4" x 101.8" x 45.4"

INPUT ACCESSORIES

POD Deck-A1

Paper Capacity: 4,000 Sheets (20 lb. Bond) Paper Size: 7.2" x 7.2" to 13" x 19.2" Paper Weight: 16 lb. Bond to 120 lb. Cover (60gsm to 325gsm)

Dimensions

(H x W x D): 43.1" x 38.7" x 31.2" Power Source: 208V/15A

Secondary POD Deck-A1

4,000 Sheets (20 lb. Bond) Paper Capacity: 7.2" x 7.2" to 13" x 19.2" Paper Size: Paper Weight: 16 lb. Bond to 120 lb. Cover (60gsm to 325gsm)

Dimensions

(H x W x D): 43.1" x 31.9" x 31.2"

Paper Deck-AC1

Paper Capacity: 3,500 Sheets (20 lb. Bond) Letter, Letter-R, Legal, 11" x 17", Paper Size:

Paper Weight: 17 lb. Bond to 110 lb. Cover (64gsm to 300gsm)

Dimensions (H x W x D): 22.4" x 23.7" x 24.4"

Stack Bypass-A1

100 Sheets (20 lb. Bond) Paper Capacity: 5.5" x 7.2" to 13" x 19.2" Paper Size 17 lb. Bond to 140 lb. Index Paper Weight: (64gsm to 256gsm)

Color Image Reader-H1

Image Sensor: Up to 11" x 17" Document Size:

Resolution: 600 x 600 dpi, 256 Gradations

DADF (Duplex Automatic Document Feeder)-R1

Tray Capacity: 100 Sheets (20 lb. Bond) Scanning Speed: Up to 80 ipm (300 dpi) Up to 50 ipm (600 dpi) Statement to 11" x 17 Original Size: Paper Weight: 13 lb. Bond to 80 lb. Cover (50gsm to 216gsm)

FINISHING ACCESSORIES

Professional Puncher-B1/Integration Unit-A1

LTR LTR-Tab Paper Original Size: Paper Weight: 20 lb. Bond to 80 lb. Cover (75gsm to 216gsm)

Die Set Patterns: Loose Leaf 3-Hole/5-Hole, Velo Bind 11-Hole, Plastic Comb 19-Hole,

Twin Loop 21-Hole/32-Hole, ProClick 32-Hole, Color Coil 44-Hole

Dimensions (H x W x D): 40.9 x 22" x 31.2"* Power Supply: 120V/15A

High-Capacity Stacker-C1

Offset Stack Capacity: 5,000 Sheets (20 lb. Bond) Top Tray Capacity: 1.000 Sheets (20 lb. Bond) Paper Size: Up to 13" x 19.2"

Paper Weight: 16 lb. Bond to 120 lb. Cover (60gsm to 325gsm)

Dimensions 48.8" x 33.9" x 30.1" $(H \times W \times D)$:

Perfect Binder-B1

Power Source:

Cutting Method: 3-Side Cut or 1-Side Cut Finished Book Size: 5.4" x 7.99" to 8.5" x 11.69" 10 to 200 Sheets (20 lb. Bond) Book Thickness:

120V/15A

(up to 0.98") 16 lb. Bond to 28 lb. Bond Body Paper Weight: (60gsm to 105gsm)

Cover Paper Weight: 28 lb. Bond to 110 lb. Cover (91gsm to 300gsm)

Trim Range

Top/Bottom: .26" to 1.56' .26" to 1.95' Side:

Dimensions

53.5" x 36.3" x 31.1" (H x W x D): Power Source: 208V/15A

Finisher-AJ1/Saddle Finisher-AJ2

Tray Capacity

3,000 Sheets (20 lb. Bond) Top Trav: Lower Tray: 2,000 Sheets (20 lb. Bond) Saddle-Stitch Tray: 30 Booklets or Limitless Staple Positions: Corner Stapling, Double Stapling Paper Weight:** 16 lb. Bond to 120 lb. Cover

(60gsm to 325gsm)

Paper Size Stapling:

Executive, Letter-R, Letter,

Legal, 11" x 17"

Saddle Finisher: Letter-R, Legal, 11" x 17", 12" x 18",

13" x 19", Custom Size (Up to 13" x 19.2") Up to 100 Sheets

Stapling Capacity:

Booklet Stapling Capacity

Up to 25 Sheets Uncoated: Coated: Up to 15 Sheets

V-Folding: Up to 5 Sheets without Stitch

(20 lb. Bond)

Dimensions (H x W x D):

46 5" x 31 5" x 31 2" Power Source: 120V/15A

Booklet Trimmer-D1

Open-end Only Margin Trimming: Trim Amount: 0.08" to 0.78" Trim Thickness: 50 Sheets

16 lb. Bond to 110 lb. Cover Paper Weight: (60gsm to 300gsm)

Output Tray Capacity: 30 Booklets

Dimensions

(H x W x D): 40.9" x 62" x 30.3"

Two-Knife Booklet Trimmer-A1

Margin Trimming: Top and Bottom Trim Amount: 0.08" to 0.59' Trim Thickness: 50 Sheets

16 lb. Bond to 110 lb. Cover Paper Weight: (60asm to 300asm)

Dimensions 40.9" x 21.1" x 30.3" (H x W x D):

Power Supply: 120V/15A

Puncher Unit-BB1

(Option for Finisher/Saddle Finisher)

Paper Weight: 16 lb. Bond to 110 lb. Index (60gsm to 200gsm)

Paper Sizes

2-Hole: Legal, Letter-R

11" x 17", Letter, Executive 3-Hole:

Document Insertion Unit-C1

(Option for Finisher/Saddle Finisher)

Tray Capacity: 200 Sheets x 2 (20 lb. Bond) 16 lb. Bond to 110 lb. Cover Paper Weight: (60asm to 300asm)

Paper Size

Upper Tray: 7.2" x 7.2" to 11.7" x 13" 7.2" x 7.2" to 13" x 19.2" Lower Tray:

* Size includes Professional Puncher Integration Unit-A1.

** Saddle-stitching cannot handle over 110 lb. Cover.



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