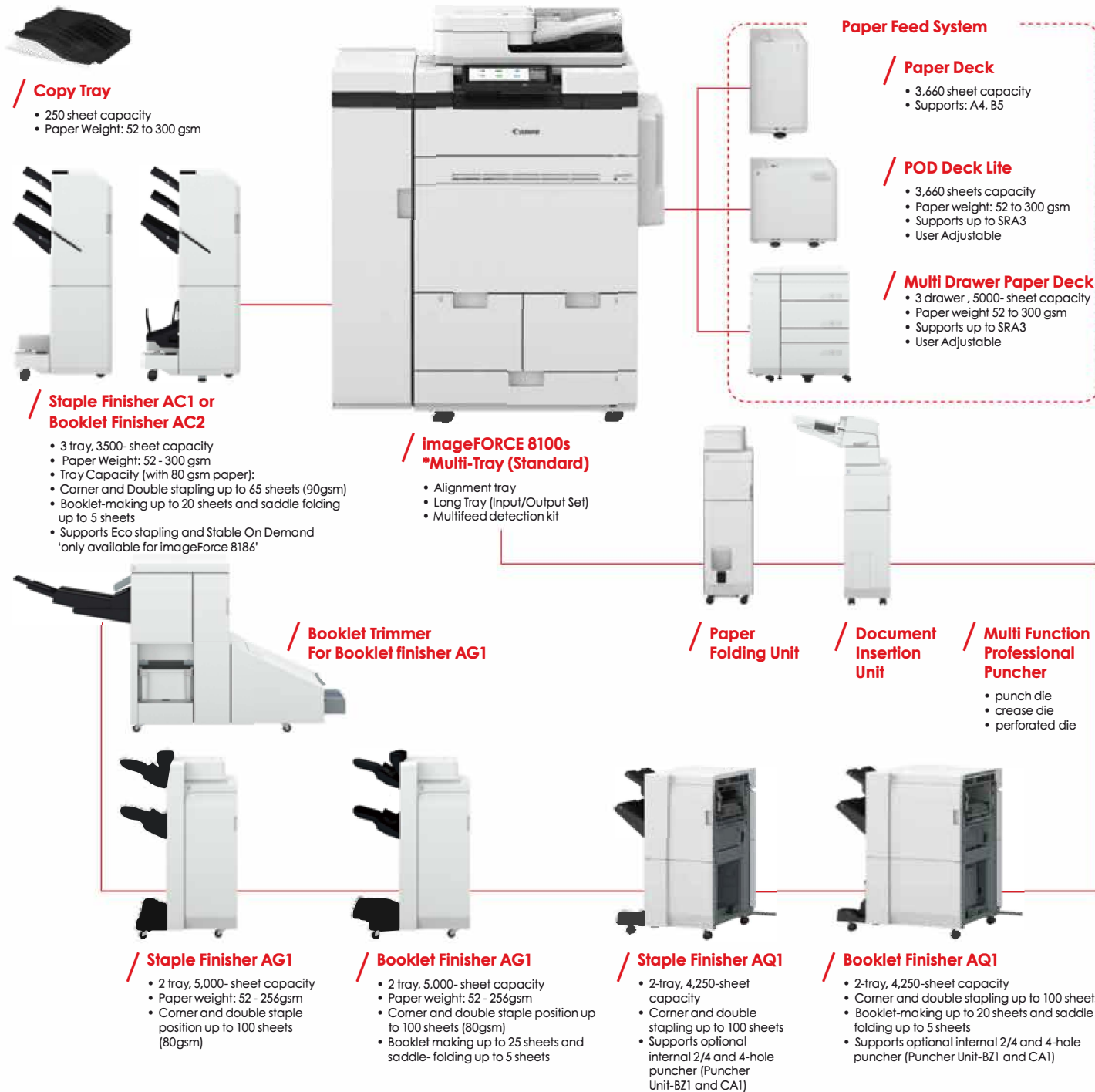


Configuration Output Options*



*Paper capacity may vary with different paper type/size.

imageFORCE 8100 series

Canon
Delighting You Always

PRODUCTION PERFORMANCE IN A COMPACT DESIGN



Optimised for large enterprise printing, Canon imageFORCE 8100 Series delivers production-level speed and connectivity without requiring extensive floor space.

Powered by R-VCSEL laser technology, these devices achieve 2400x2400 dpi resolution at 105 ppm to meet high-volume demands. Enhanced fixing and transfer systems handle a wide range of media with precision, from everyday documents to thick and specialty papers.

With imageFORCE integrated workflow capabilities, the 8100 Series offers seamless cloud and mobile printing access that enterprises can count on.



CONNECTIVITY

Get the option to access cloud platforms like Google Drive and Dropbox directly from the device. Enjoy mobile printing with Canon PRINT, Apple AirPrint and more for ultimate convenience.



SECURITY

Advanced protection for your data, with features like user authentication and audit logs that help you monitor and mitigate potential risks.



RELIABILITY

Engineered for optimal performance, with intelligent maintenance tools and long-lasting parts that reduce downtime and maximise uptime.



SUSTAINABILITY

Built with up to 30% recycled plastic, supported by eco-friendly packaging and lower energy consumption.



Partner / Dealer Stamp

To arrange for a demonstration, simply contact our office below.

**SOUTH & SOUTHEAST ASIA
REGIONAL HEADQUARTERS**

Canon Singapore Pte. Ltd. | 1 Fusionopolis Place #14-10 Galaxis Singapore 138522
Tel: 65-6799 8888 | Fax: 65-6799-8882 | <https://asia.canon/> | <https://sg.canon/>

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Business Can Be Simple

imageFORCE 8100 Specifications

Main Unit

Machine type
A3 Monochrome Laser Multifunctional

Core functions
Print, Copy, Scan, Send, Store and Optional Fax

Processor
1.8GHz Dual Core Processor

Control Panel
10.1" TFT LCD SVGA Color Touch panel

Memory
RAM: 6.5GB

Storage
SSD (Standard): 512GB
SSD (Optional): 1T

Interface Connection
NETWORK
Standard: 1000Base-T/100Base-TX/10Base-T
Optional: Wireless LAN (IEEE 802.11a/b/g/n/ac/ax)

OTHERS
Standard: USB 2.0 (Host) x 1, USB 3.0 (Host) x 1,
USB 2.0 (Device) x 1
Optional: Serial Interface, Copy Control Interface

Paper Supply Capacity (A4, 80gsm)
Standard: 4,360 sheets
250 sheet Multi-purpose tray x 1
1,770 sheet Paper Deck x 2
570 sheet Paper Cassette x 1
Maximum: 9,360 sheets (with Multi-drawer Paper Deck-E1)

Paper output capacity (A4, 80gsm)
Standard: 250 Sheets
Maximum: 5,000 Sheets (with Booklet Finisher-AG1)

Finishing capabilities*
Collate, Group, Offset, Staple, Saddle Stitch, Hole Punch, Eco Staple, Staple On Demand, Document Insertion, Z-fold, Half-fold, C-fold, Accordion-Z fold, Double Parallel-fold, Trimming
* Finishing capabilities vary depending on the options connected.

Supported Media Types
Multi-purpose tray:
Thin, Plain, Recycled, Color, Heavy, Coated, Bond, Transparency, Label, Pre-punched, Letterhead, Tab, Envelope, Film, Textured, Tracings

Paper Decks (Right/Left):
Standard size: A4, B5
Paper Cassette:
Thin, Plain, Recycled, Color, Heavy, Bond, Transparency, Pre-punched, Letterhead, Tab*, Envelope*
* Tab Feeding Attachment-F1 (standard) is required.
** Envelope Feeder Attachment Kit (standard) is required.

Supported Media Sizes
Multi-purpose tray:
Standard: 5RA3, A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R
Custom size: 90.0 x 148.0 mm to 330.2 x 487.7 mm
Free size: 98.0 x 148.0 mm to 330.2 x 487.7 mm
Long sheet*: 210.0 x 487.8 mm to 330.2 mm x 1300.0 mm
Envelopes: COM 10 No.10, Monarch, DL, ISO-C5
Envelope custom size: 90.0 x 148.0 mm to 330.2 x 487.7 mm
* Long Sheet Tray-B1 is required.

Paper Decks (Right/Left):
Thin, Plain, Recycled, Color, Heavy, Bond, Pre-punched, Letterhead

Paper Cassette:
Standard size: 5RA3, A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R
Custom size: 98.0 x 148.0 mm to 330.2 x 487.7 mm
Envelopes*: COM10 No.10, Monarch, ISO-C5, DL
Envelope custom size: 90.0 x 148.0 mm to 330.2 x 487.7 mm
* Envelope Feeder Attachment Kit (standard) is required.

Supported media weights
Multi-purpose tray: 52 to 300 gsm
Paper Decks (Right/Left): 52 to 220 gsm
Paper Cassette: 52 to 300 gsm
Duplex: 52 to 300 gsm

Warm-up Time
Quick Startup Mode: 4 Seconds or less*
* Time from device power-on to when the copy icon appears and is enabled to operate on the touch panel display.

From Power On: 120 seconds or less*
* Time from device power-on, until copy ready (not print reservation)

From Sleep Mode: 120 Seconds or less

Dimensions (W x D x H)
964x868 x 1,185 mm

Installation Space(W x D)
Basic:
1,762 x 1,409mm (with multi-purpose tray opened + paper cassette opened + Copy tray)

Fully Configured: 5,786 x 1,436 mm (Document Insertion Unit-R1 + Paper Folding Unit-K2 + Booklet Finisher-AG1 front cover opened + Booklet Trimmer G1 + Multi-drawer Paper Deck-E1 + Finisher Long Sheet Catch Tray-B1)

Weight*
*including regular toner
Approx. 267 kg

Fonts
PS fonts: 136 Roman_x000D...
PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T** (Japanese, Korean, Simplified and Traditional Chinese), Barcode fonts**
** Optional PCL International Font Set-A1 is required.
** Optional Barcode Printing Kit-D1 is required.

Print Features
Secured Print, Secure Watermark, Header/Footer, Page Layout, Two-sided Printing, Mixed Paper Sizes/Orientations, Front/Back Covers, Toner Reduction, Poster Printing, Forced Hold printing, Print Date, Scheduled Printing, Printing Using a Virtual Printer

Operating System
UFR II: Windows® 10/11/Server2016/Server2019/Server2022/Server2025, macOS (10.14 or later)
PCL: Windows® 10/11/Server2016/Server2019/Server2022/Server2025
PS: Windows® 10/11/Server2016/Server2019/Server2022/Server2025, macOS (10.14 or later)
PPD: Windows® 10/11, macOS (10.15 or later)

Magnification
Variable zoom: 25% to 400% (1% increments)

Copy Features
Preset R/E Ratios by Area, Two-Sided, Density Adjustment, Original Type Selection, Interrupt Mode, Book to Two Pages, Two-sided Original, Job Build, N on 1, Add Cover, Insert Sheets, Different Size Originals, Page Numbering, Copy Set Numbering, Sharpness, Erase Frame, Secure Watermark, Print Date, Gutter, Print & Check, Negative/Positive, Repeat Images, Merge Job Blocks, Mirror Image, Store in Mail Box, Superimpose Image, Copy ID Card, Skip Blank Pages, Free Size Original, Reserved copy, Copy Sample

Scan Resolution (dpi)
600x600

Full Scan Specifications
Color Network ScanGear2 for both TWAIN and WIA
Supported OS: Windows® 10/11/Server 2016/Server 2019/Server 2022/Server 2025

Scan Method
Push Scan, Full Scan, Scan to Box, Scan to Advanced Box, Scan to Network, Scan to USB Memory Key, Scan to Mobile devices, Scan to cloud (uniFLOW Online)

Universal Send Features
Original type Selection, Two-sided Original, Book to Two Pages, Different-size Originals, Density Adjustment, Sharpness, Copy Ratio, Erase Frame, Job Build, Delayed Send, Preview, Job Done Notice, File Name, Subject/Message, Reply-to, E-mail Priority, TX Report, Original Content Orientation, Skip Blank Pages

Sequential broadcast
Max. 256 addresses

Memory backup
Yes

Fax Features
Sender's Name (ITI), Selecting the Telephone Line (when sending fax), Direct Send, Delayed Send, Preview, Job Done Notice, TX Report, Interrupt Transmission, Sequential Broadcasting, Password/Subaddress Sending, Confidential Mailbox, 2 on 1 Log

Fax Features
Authentication for Advanced Copy Log-in, Sort Function, Printing a PDF File with a Password, Search, File Preview, Authentication Management, Open to public, URI TX, Backup/Restore

Security Specifications

Authentication and Access Control
User Authentication (Picture Login, Picture and PIN Login, Card Login, Username and Password Login, Function Level Login, Mobile Login), Department ID Authentication (Department ID and PIN Login, Function Level Login), uniFLOW Online/uniFLOW** (PIN Login, Picture Login, Picture and PIN Login, Card Login, Card and PIN Login, Username and Password Login, Department ID and PIN Login, Function Level Login), MicroSoft Entra ID Authentication (Password Login, Card Login), Two-Factor Authentication (LUI/RUI, Access Management System (Access Control))
** Optional

Document Security
Print Security (Secure Print, Encrypted Secure Print, Forced Hold Printing, uniFLOW Secure Print**), Receive Data Security (Confidential Platform Module (TPM 2.0), Job Log Conceal Function, Protecting MFP Software Integrity: Verify System at Startup (NIST SP800-193: Protection), Checking MFP Software Integrity & Platform Firmware Resiliency: Automatic System Recovery (NIST SP800-193: Recovery), Runtime Intrusion Detection: Trellix Embedded Control, HCD-PP Common Criteria Certification (Pending Confirmation))

Network Security
TLS 1.3 (FIPS140-3), IPsec (FIPS140-3), IEEE802.1X authentication, SNMPv3, Firewall Functionality (IP/MAC Address Filtering), Dual Network Support (Wired LAN/Wireless LAN, Wired LAN/Wired LAN), WPA3 support (Wi-Fi), Enabling/Disabling (Network Applications, Remote UI, USB Interface), G3 FAX separation from LAN, USB Port separation from LAN, Prohibit the execution of files stored in Advanced Box in the MFP, Scan and Send-Virus Concerns for E-mail Reception

Power source
220-240 V, 50/60 Hz, 13 A

Device Security
Protecting SSD Data (SSD Data Encryption (FIPS140-3), SSD Lock), Standard SSD Initialize, Initialize (NIST 800-88 PURGE LEVEL), Trusted Platform Module (TPM 2.0), Job Log Conceal Function, Protecting MFP Software Integrity: Verify System at Startup (NIST SP800-193: Protection), Checking MFP Software Integrity & Platform Firmware Resiliency: Automatic System Recovery (NIST SP800-193: Recovery), Runtime Intrusion Detection: Trellix Embedded Control, HCD-PP Common Criteria Certification (Pending Confirmation)

Device Management and Auditing
Administrator Password, Digital Certificate And Key Management, SAN certificates, Audit Log, Cooperating with External Security Audit System (Security Information and Event Management), Image Data Logging, Security Policy Setting

Power consumption
Maximum: Approx. 3,120 W
Sleep mode: Approx. 0.9 W
* 0.9 W sleep mode is not available in all circumstances due to certain settings.

Environmental Specifications

Operating Environment
Temperature: 10 to 30 °C
Humidity: 20 to 80 % RH (Relative Humidity)

Consumables

Toner Cartridges
NPG-1005 Toner BK

Toner Yield (Estimated @ 6% Coverage)
90,500 pages

Software and Printer Management

Tracking and reporting
uniFLOW Online

Remote management tools
IW Enterprise Management Console
Remote Distribution & Management Service
Monitoring Service

Scanning software
Color Network ScanGear 2

Optimisation tools
Canon Driver Configuration Tool

Platform
MEAP (Multifunctional Embedded Application Platform)

Print Specifications

Print Speed
ImageFORCE 8105
1-sided: Up to 105 ppm (A4, A5R), Up to 76 ppm (A4R), Up to 53 ppm (A3)
2-sided: Up to 105 ppm (A4, A5R), Up to 76 ppm (A4R), Up to 53 ppm (A3)

ImageFORCE 8195
1-sided: Up to 95 ppm (A4, A5R), Up to 69 ppm (A4R), Up to 48 ppm (A3)
2-sided: Up to 95 ppm (A4, A5R), Up to 69 ppm (A4R), Up to 48 ppm (A3)

ImageFORCE 8186
1-sided: Up to 86 ppm (A4, A5R), Up to 62 ppm (A4R), Up to 44 ppm (A3)
2-sided: Up to 86 ppm (A4, A5R), Up to 62 ppm (A4R), Up to 44 ppm (A3)

Print Resolution (dpi)
2,400 x 2,400

Page description languages
Standard: UFR II
Optional: PCL6/PCL5, Adobe® PostScript®3**

Direct Print
Supported file types: PDF, EPS, TIFF/JPEG, and XPS

Printing from mobile and cloud
AirPrint, Mopria, IPP Everywhere, Canon PRINT, uniFLOW Online, Universal Print and Cloud Connector

A range of software and MEAP-based solutions are available to provide printing from mobile devices or internet-connected devices and cloud-based services depending on your requirements.

Please contact your sales representative for further information

OS Standard Printing
Android/Windows® 10/Windows® 11/Chrome OS/macOS (11.2.2 or later) /iOS (15.2 or later)/iPadOS

Copy Specifications

Copy Speed
ImageFORCE 8105
1-sided: Up to 105 ppm (A4,A5R), Up to 76 ppm (A4R), Up to 53 ppm (A3)
2-sided: Up to 105 ppm (A4, A5R), Up to 76 ppm (A4R), Up to 53ppm (A3)

ImageFORCE 8195
1-sided: Up to 95 ppm (A4, A5R), Up to 69 ppm (A4R), Up to 48 ppm (A3)
2-sided: Up to 95 ppm (A4, A5R), Up to 69 ppm (A4R), Up to 48 ppm (A3)

ImageFORCE 8186
1-sided: Up to 86 ppm (A4, A5R), Up to 62 ppm (A4R), Up to 44 ppm (A3)
2-sided: Up to 86 ppm (A4, A5R), Up to 62 ppm (A4R), Up to 44 ppm (A3)

First-Copy-Out Time (A4, BW/CL)
ImageFORCE 8105/8195: Approx. 4.9 seconds or less
ImageFORCE 8186: Approx. 5.6 seconds or less

Copy resolution (dpi)
600 x 600

Multiple Copies
Up to 9,999 copies

Copy Density
Automatic or Manual (9 Levels)

Scan Specifications

Type
Single-pass Duplexing Automatic Document Feeder
[2-sided to 2-sided (Automatic)]
* Multi-Sheet Feed Detection is supported.

Document Feeder Paper Capacity (80 gsm)
Up to 200 Sheets

Document Feeder acceptable paper weight
Document Feeder media weight:
1-sided scanning: 38 to 220 gsm (BW, CL)
2-sided scanning: 38 to 220 gsm (BW, CL)
* An acceptable weights of A6R or smaller is 50 to 220 gsm.

Send Specifications

Destination
Standard: E-mail/Internet FAX (SMTP*), SMB, FTP, WebDAV, Mail Box
Optional: Super G3 FAX, IP Fax
* Available OAuth 2.0 authentication method on Microsoft 365 and Google Workspace

Address Book
LDAP (2,000)/Local (1,600)/Speed dial (200)

Communication protocol
File: FTP (TCP/IP), SMB3.1.1 (TCP/IP), WebDAV
E-mail/Fax: SMTP, POP3

File Format
TIFF (MMR), JPEG, PDF (Compact, Searchable, Optimize for Web, PDF/A-1b, Trace & Smooth, Encrypted, Device Signature, User Signature), XPS (Compact, Searchable, Device Signature, User Signature), Office Open XML (PowerPoint, Word)

Fax Specifications

Maximum Number of Connection Lines
2

Modem Speed
Super G3: 33.6 kbps
G3: 14.4 kbps

Compression Method
MH, MR, MMR, JBIG

Resolution (dpi)
400 x 400 (Ultra Fine), 200 x 400 (Super Fine), 200 x 200 (Fine), 200 x 100 (Normal)

Store Specifications

Mail Box (Number supported)
100 User Inboxes
1 Memory RX Inbox,
50 Confidential Fax Inboxes
Maximum 30,000 Pages (2,000 Jobs) Stored

Advanced Box
Communication Protocol: SMB or WebDAV
Supported Client PC: Windows® 10/11
Concurrent Connections (Max.): SMB: 64, WebDAV: 3

Advanced Box available disc space
Standard: 16 GB
[With option: max. 480 GB]

Booklet Trimmer-G1
(Requires Booklet Finisher AG1)
Booklet Capacity: 10 booklets (booklet size: A4, 50 sheets, 80 gsm)
Acceptable Paper Weight: 52 to 300gsm
Acceptable Punch Paper Size: 52 to 300 gsm
Trim Amount: 2 to 28 mm

Document Insertion Unit-R1
(Requires any of the following: Booklet Finisher AG1, Staple Finisher-AQ1, or Booklet Finisher-AQ1)
Number of Trays: 2
Tray Capacity (with 80 gsm paper):
Upper tray: 200 sheets
Lower tray: 200 sheets
Acceptable Paper Type:
Thin, Plain, Recycled, Color, Heavy, Coated, Tracing, Textured, Bond, Pre-punched, Letterhead, Tab
Acceptable Paper Size: 5RA3, A3, A4, A4R, B4, B5, B5R,
Custom size: 182.0 x 182.0 mm to 330.2 x 487.7 mm
Acceptable Paper Weight: 52 to 300 gsm

Paper Folding Unit-K2
(Requires any of the following: Booklet Finisher-AG1, Staple Finisher-AQ1, or Booklet Finisher-AQ1)
Supported Folding Type: Z-Fold, C-Fold, Accordion Z-Fold, Double Parallel-Fold, Half-Fold
Acceptable Paper Type: Thin, Plain, Recycled, Color, Bond, Coated, Textured
Acceptable Paper Sizes:
Z-Fold: A3, A4R, B4
C-Fold, Accordion Z-Fold, Double-Parallel Fold, Half-Fold: A4R
Acceptable Paper Weight:
Double Parallel Fold: 52 to 90 gsm
Output Capacity (with 80 gsm paper):
Acceptable Paper Sizes:
Z-Fold, C-Fold, Accordion Z-Fold, Half-Fold: 52 to 105 gsm
Double Parallel Fold: 52 to 90 gsm
Z-Fold, Half-Fold: Depends on the specifications of the finisher
C-Fold, Accordion Z-Fold: approx. 40 sheets
Double Parallel-Fold: approx. 25 sheets

Booklet Finisher-AG1
(Includes the above Staple Finisher-AG1 basic staple specifications.)
Saddle Stitch paper size: 5RA3, A3, A4R, B4, Custom size (210.0 x 279.4 mm to 330.2 x 487.7 mm)
Saddle Stitch Staple Capacity: 25 sheets (52 to 80 gsm) (including 1 cover sheet up to 300 gsm)
Non Staple Folded Bunch Capacity: up to 5 sheets (52 to 209 gsm)

Booklet Finisher-AC2*
*Only available for ImageFORCE 8186
(Includes the above Staple Finisher-AC1 basic staple specifications.)
Saddle Stitch paper size: 5RA3, A3, A4R, B4, Custom size (195.0 x 270.0 mm to 304.8 x 457.2 mm)
Saddle Stitch Staple Capacity: 20 sheets (60 to 81.4 gsm) (including 1 cover sheet 60 to 300 gsm)
Non Staple Folded Bunch Capacity: 5 sheets (60 to 105 gsm)

2/4 Hole Punch Unit-A1
(Requires either the Staple Finisher-AC1 or Booklet Finisher-AC2)
Two or Four Holes
Acceptable Punch Paper Weight: 52 to 300 gsm
Tray Capacity (with 80 gsm paper):
Upper tray: 200 sheets
Lower tray: 200 sheets
Four holes: A3, A4

Puncher Unit-B1
(Requires Booklet Finisher-AG1)
Two or Three Holes
Acceptable Punch Paper Weight: 52 to 300 gsm
Acceptable Punch Paper Size: Two holes: Custom size (182.0 x 257.0 mm to 203.0 x 270.0 mm), 204.0 x 182.0 mm to 297.0 x 432.0 mm
Three holes: Custom size (240.0 x 182.0 mm to 297.0 x 432.0 mm)

Puncher Unit-B1
(Requires Booklet Finisher-AG1)
Two or Four Holes
Acceptable Punch Paper Weight: 52 to 300 gsm
Tray Capacity (with 80 gsm paper):
Upper tray: 200 sheets
Lower tray: 200 sheets
Four holes: A3, A4, A4R, A5, B4, B5, B5R,
Custom size (257.0 x 182.0 mm to 297.0 x 432.0 mm)

Puncher Unit-B1
(Requires Booklet Finisher-AG1)
Two or Three Holes
Acceptable Punch Paper Weight: 52 to 300 gsm
Tray Capacity (with 80 gsm paper):
Upper tray: 200 sheets
Lower tray: 200 sheets
Four holes: A3, A4, A4R, A5, B4, B5, B5R,
Custom size (257.0 x 182.0 mm to 297.0 x 432.0 mm)