

Sales Guide

nashuatec

MP 305+SP
MP 305+SPF

Compact A4 B&W MFP with A3 capabilities

✓ Printer ✓ Copier ✓ Scanner ✓ Fax



MP 305+SP

30
ppm B/W

MP 305+SPF

30
ppm B/W

Contents:

| | | |
|-----|-----------------------|---------|
| 1. | Introduction | Page 3 |
| 2. | Quick Overview | Page 4 |
| 3. | Sales Highlights | Page 6 |
| 4. | Product Positioning | Page 8 |
| 5. | Configuration | Page 9 |
| 6. | Target Markets | Page 11 |
| 7. | Smart Operation Panel | Page 12 |
| 8. | Key Features | Page 15 |
| 9. | Specifications | Page 21 |
| 10. | Service and Supplies | Page 32 |
| 11. | Competition | Page 33 |

This sales guide is to be used by sales staff as a training aid. It is not a sales tool and should not be shared with customers. Whilst care has been taken to ensure the information provided in this guide is accurate, no liability will be accepted for errors or omissions.



1. Introduction

Fully featured MFP? Desktop convenience? A4 and A3 capability? Near-silent operation? It is all possible with Nashuatec's new hybrid A4/A3 MFPs. They are remarkably compact and because they support near-silent operation, can be placed within easy reach of users. They are also incredibly easy to use. The Smart Operation Panel tilts for easy viewing and Nashuatec's new Intuitive User Interface simplify operation.



There are two models. MP 305+SP is a 3-in-1 MFP that supports black-and-white printing, copying and colour scanning. MP 305+SPF is a 4-in-1 MFP that supports black-and-white printing, copying, colour scanning and fax. Both models are equipped with a 50 sheet ARDF, a 250 sheet A4 paper tray, a 10 sheet A3 bypass tray and a duplex. A 500 sheet 2nd tray is offered as an option.

MP 305+SP and MP 305+SPF are uniquely positioned. They are ultra compact and quietly effective MFPs that support A3 printing, copying and scanning. They launch into a sector that is dominated by A4 technology. Until now A3 MFPs have been too big and too noisy for desktop use. MP 305+SP and MP 305+SPF break the mould. They are small enough and quiet enough for desktop use AND they are capable of meeting A3 requirements.

Nashuatec's new hybrid A4/A3 MFPs take up less than half the space of other A3 MFPs. They have a tiny footprint and can be positioned on a desk within easy reach of the user. And, improving the working environment, they offer near-silent operation. Design features help to reduce noise output so that, in normal operation, MP 305+SP and MP 305+SPF are 50% quieter than other desktop MFPs.

There are more than a million A4 black-and-white desktop MFPs in use throughout Europe and sales of higher speed / higher specification models (21-30 ppm) are growing. Nashuatec's objective with the launch of MP 305+SP and MP 305+SPF, is to replace customers' existing A4 black-and-white desktop MFPs with faster and more effective desktop solutions that meet both A4 and A3 imaging needs.

MP 305+SP and MP 305+SPF are effortlessly productive. The new MFPs support PCL and PostScript printing and, because they are network ready, can be shared by multiple users. Nashuatec's new Intuitive User Interface for copy, scan, fax and print simplify operation and, meeting workgroup needs, they will print a first page in 4.9 seconds and running at 30 ppm, complete a typical 5 page job in just 15 seconds.

Sharing the same intuitive interface and driver as other Nashuatec MFPs, MP 305+SP and MP 305+SPF can be installed as part of a uniform enterprise-wide solution. Nashuatec's Smart Device Print & Scan App and Smart Device Connector App facilitates mobile working by enabling users to print and scan documents from their smartphones and tablets.

This guide explores the functionality of the new products in more detail, exploring sales opportunities and identifying key selling points. It also provides side-by-side competitor comparisons.

2. Quick Overview

MP305+SP and MP305+SPF are hybrid A4/A3 B&W MFPs. MP305+SP is a 3-in-1 MFP that provides print, copy and scan functionality. MP305+SPF is a 4-in-1 MFP that also provides fax functionality. MP305+SP and MP305+SPF are incredibly compact. They take up less space than many A4 MFPs and, because they support near-silent operation, can be positioned on a desk within easy reach of users. They are also effortlessly productive. The first page is printed in 4.9 seconds and running at 30 ppm, they will complete a typical 5 page job in just 15 seconds. To simplify operation, both models are equipped with Nashuatec's intuitive Smart Operation Panel.

The main specifications are:

- A3 black-and-white MFPs
- Ultra-compact desktop design
- Print, copy and scan enabled (MP305+SP)
- Print, copy, scan and fax enabled (MP305+SPF)
- 50 sheet ARDF
- 260 / 760 sheet paper supply (standard/maximum)
- Integral duplex
- 10.1 inch Smart Operation Panel
- Nashuatec GWNX controller
- 320 GB hard disk drive
- VM Card
- USB/SD card reader
- PCL and PS3 (standard) / XPS direct print (option)
- 4.9 second first print speed
- 30 ppm continuous print speed
- 600 x 600 dpi print resolution

Options include:

- 500 sheet paper feed unit (maximum one unit)
- Cabinet
- Fax unit (MP305+SP), or
Fax connection unit (MP305+SP)
- XPS direct print
- NFC card reader
- Bluetooth interface
- Unicode font package
- OCR scanning
- Copy data security
- Enhanced security hard disk drive
- Counter interface

A full list of options, order codes and configuration dependencies is provided in section 5. Configuration.



Functionality, Feeds and Speeds - MP 305+SP and MP 305+SPF

| | MP 305+SP | MP 305+SPF |
|----------------------|--|--|
| Functionality | A4/A3 black and white printer, copier and colour scanner (standard) / fax (option) | A4/A3 black and white printer, copier, colour scanner and fax (standard) |
| ARDF | 50 sheet ARDF (standard) | |
| Duplex | Automatic duplex (standard) | |
| Paper Supply | 260 sheets (standard) [250 sheet A4 tray and 10 sheet A3 bypass] / 760 sheets (maximum) [with optional 500 sheet A4 paper feed unit] | |
| Paper Output | 100 sheets A4 / 10 sheets A3 | |
| First Page | 4.9 seconds (A4) | |
| Continuous | 30 ppm (A4) | |
| Paper Size | A5 to A3 (ARDF), A6 to A4 (standard tray), A5 to A4 (2nd tray), A6 to A3 (bypass) [maximum 297 x 600 mm], A5 to A3 (duplex) | |
| Paper Weights | 53 to 128 gsm (ARDF), 60 to 105 gsm (standard tray), 60 to 163 gsm (2nd tray), 52 to 163 gsm (bypass), 60 to 105 gsm (duplex) | |

Volumes and Reliability - MP 305+SP and MP 305+SPF

| | MP 305+SP | MP 305+SPF |
|--------------------------------|--|------------|
| Average Monthly Volume | 2,000 pages | |
| Maximum Monthly Volume | 7,500 pages | |
| Duty Cycle | 20,000 pages | |
| PM Cycle | 60,000 pages | |
| MCBC | 23,000 pages | |
| Target Life (Mainframe) | 450,000 pages or five years, whichever comes first | |
| Target Life (ARDF) | 300,000 pages or five years, whichever comes first | |

Weights and Dimensions - MP 305+SP and MP 305+SPF

| | |
|-----------------------------------|--|
| Mainframe [including ARDF] | 32 kg / 350 x 460 [493 including operating panel] x 505 mm [w x d x h] |
| Paper Feed Unit (PB1090) | 6 kg / 350 x 460 x 140 mm [w x d x h] |

3. Sales Highlights

Unique sales proposition

Fully featured MFP? Desktop convenience? A4 and A3 capability? Near-silent operation? It is all possible with MP305+SP and MP305+SPF. Depending upon your point of view - and how you want to present the opportunity to your customers - MP305+SP and MP305+SPF are either the most compact hybrid A4/A3 MFPs ever built, or the world's first A4 MFPs to offer full A3 capability.

- Compact design allows the new MFPs to be placed within easy reach
- Near-silent operation improves the working environment
- MP305+SP offers 3-in-1 print, copy and scan functionality and MP305+SPF includes fax
- Trays extend, when required, to print, copy and scan A3 documents
- Nashuatec's 10.1 inch Smart Operation Panel simplifies operation
- Solution-ready, the new MFPs will run a variety of optional software solutions



Ultra compact design

MP305+SP and MP305+SPF take up less than half the space of other A3 MFPs. Just 350mm wide and 460mm deep, they have a tiny footprint and can be positioned on a desk within easy reach of the user. The 10.1 inch colour touchscreen operation panel tilts for easy viewing and the bypass tray, which opens to feed A3 paper, extends upwards so that minimal side clearance is required.

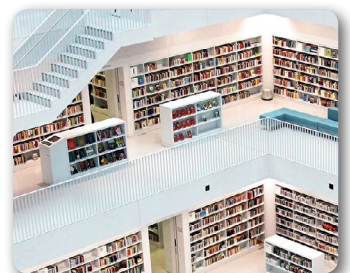
- MP305+SP and MP305+SPF are the most compact hybrid A4/A3 MFPs available today
- They take up less than half the space of other A3 solutions
- Just 350mm wide and 460mm deep, they can easily be positioned on a desk
- Unique A3 bypass tray requires minimal side clearance
- Colour touchscreen panel tilts for easy viewing
- Paper and consumables are easily accessed from the front machine



Near-silent operation

To improve the working environment, MP305+SP and MP305+SPF offer near-silent operation. Design features, including a labyrinth structure, low gear ratios and Helmholtz silencing, help to reduce noise output so that, in normal operation, MP305+SP and MP305+SPF are 50% quieter than most desktop MFPs. And, when absolute quiet is required, the operator can select 'Silent Mode'.

- To improve the working environment, the new MFPs offer near-silent operation
- In normal operation, they are 50% quieter than most desktop MFPs
- A labyrinth structure, low gear ratios and Helmholtz silencing help to reduce noise
- When absolute quiet is required, the operator can select 'Silent Mode'
- Silent Mode cuts noise output to negligible levels by slowing mechanical processes
- With Silent Mode engaged, they can be used in controlled environments



Real-world productivity

Customers want fast throughput but continuous print speeds do not always tell the full story. With 90% of desktop jobs comprising less than five pages, the time taken to produce the first page can have a greater impact on productivity. Although rated at 30ppm, MP 305+SP and MP 305+SPF deliver their first page in 4.9 seconds and will complete a typical five page job in just 15 seconds.

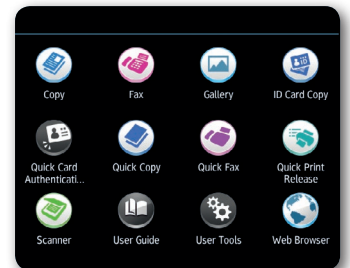
- Producing their first page in 4.9 seconds, the new MFPs deliver real-world productivity
- With a 30ppm continuous print speed, they are also no slouch on longer jobs
- They will print a typical 5-page job in just 15 seconds
- Intelligent features, such as Automatic Paper Select and Auto Tray Switch, improve productivity
- Nashuatec's new Intuitive User Interface, accessed via accessed via the operation panel, simplify operation and save time
- The card reader option supports Near Field Communication for quick authentication



Incredibly easy to use

MP 305+SP and MP 305+SPF are incredibly easy to use. They are equipped with a 50 sheet ARDF, which automates document handling. The colour 10.1 inch touchscreen panel can be tilted for easy viewing and is navigated, with pinch, swipe and touch gestures, much like a smart phone or tablet. And Nashuatec's new Intuitive User Interface for copy, scan, fax and print and ID Card Copy apps simplify operation and improve productivity.

- MP 305+SP and MP 305+SPF feature Nashuatec's new and intuitive Smart Operation Panel
- To improve access, the 10.1 inch colour touchscreen panel tilts for easy viewing
- The user interface is navigated with touch gestures, much like a smart phone or tablet
- Nashuatec's new Intuitive User Interface for copy, scan, fax and print and ID Card Copy apps simplify operation
- The 50 sheet ARDF automates document handling by feeding and turning originals



Uniform and controlled workflow

Sharing the same intuitive interface and driver as other Nashuatec devices, MP 305+SP and MP 305+SPF can be installed as part of a uniform enterprise-wide solution. Nashuatec's Smart Device Print and Scan app facilitates mobile working by enabling users to print and scan documents from their smartphones and.

- Nashuatec's Smart Operation Panel and universal print driver provide a uniform platform
- The new MFPs increase workforce mobility by interacting with smartphones and tablets
- Print from/scan to smartphones and tablets using Nashuatec's Smart Device Print and Scan app
- Smart Device Connector app supports NFC (near field communication), QR code and bluetooth
- Smart Device Connector uses personal address book to forward scanned documents



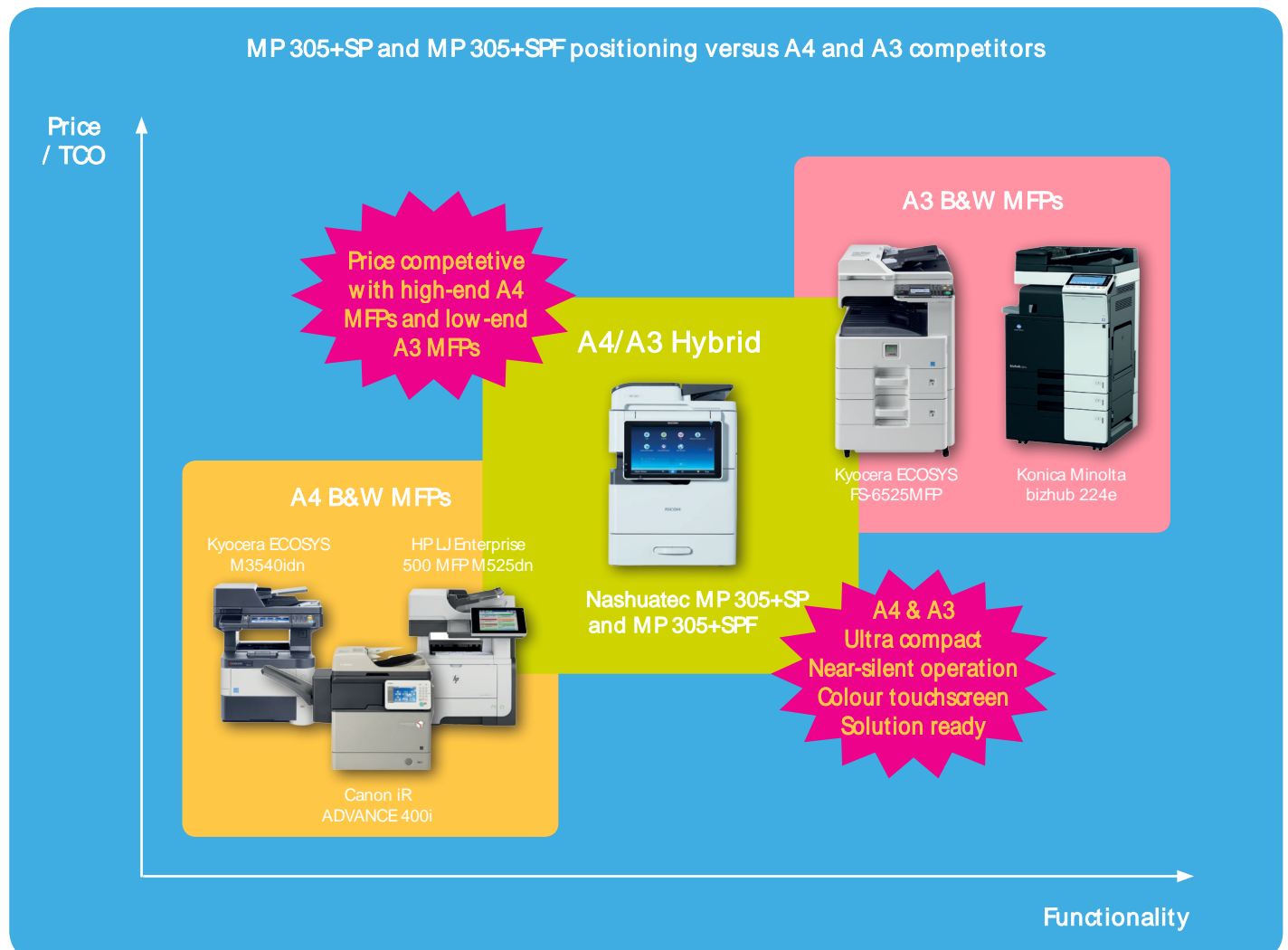
4. Product Positioning

- New design concept with unique positioning
- Ultra compact A4 MFPs with A3 capability
- Near-silent operation supports desktop use
- Advanced GWNX functionality and Smart Operation Panel
- Priced to compete with high-end A4 MFPs and low-end A3 MFPs
- Perfect for occasional A3 requirements

MP 305+SP and MP 305+SPF are uniquely positioned. They are ultra compact and quietly effective A4 MFPs that support A3 printing, copying and scanning. They launch into a sector that is dominated by A4 technology. Until now, A3 MFPs have either been too expensive or too noisy for desktop use. Nashuatec's new hybrid A4/A3 break the mould. They are small enough and quiet enough for desktop use AND they are capable of meeting occasional A3 requirements.

The new MFPs are productive, fully featured and incredibly easy to use. Yet, despite the obvious advantages of their A3 capability, they are priced to compete with high-end desktop solutions, such as the Canon iR400i, Kyocera M3540idn and HP LJM525dn, which only support A4 printing, copying and scanning. For desktop users with occasional A3 requirements - pretty much every customer - MP 305+SP and MP 305+SPF provide an unparalleled solution.

MP 305+SP and MP 305+SPF positioning versus A4 and A3 competitors



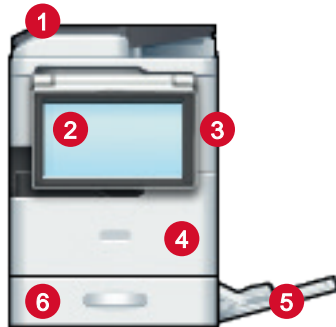
See section 11. Competition for detailed side-by-side comparisons

5. Configuration

Standard Configuration

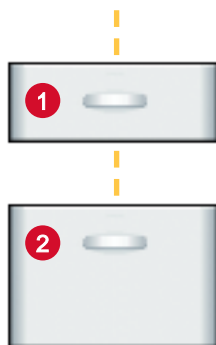
There are two models. MP305+SP is a 3-in-1 A3 MFP that provides print, copy and scan functionality. Fax is an option. MP305+SPF is a 4-in-1 A3 MFP that provides print, copy, scan and fax functionality. PCL and PostScript3 printing are standard. Both models are equipped with a 50 sheet ARDF, a 250 sheet A4 paper tray, a 10 sheet A3 multi bypass and a duplex. They also feature a 10.1 inch super VGA touchscreen panel and are equipped with a 320 GB hard drive and a VM card.

Mainframe



- 1 = 50 sheet ARDF
- 2 = Tilting 10.1" touchscreen panel
- 3 = USB/SD card slot
- 4 = Duplex [internal, not shown]
- 5 = 10 sheet A3 multi bypass tray
- 6 = 250 sheet A4 paper tray

Peripheral Options



- 1 = 500 sheet paper feed unit (PB1090) [maximum one unit]
- 2 = High cabinet

Functional Configuration

| Functional Configuration - MP 305+SP and MP 305+SPF | | |
|---|--|--------------------------------------|
| | MP 305+SP | MP 305+SPF |
| Functionality | Print, copy and scan (standard) / fax (optional) | Print, copy, scan and fax (standard) |
| Interfaces | Gigabit Ethernet, USB, SD, Bluetooth connection (standard) / Bluetooth print (option) | |
| Print Drivers | PCL5e/6, PS3 (standard) / XPS Direct Print (optional) | |
| Memory | 2 GB RAM / 320 GB HDD (standard) | |
| Security | Data Overwrite Security (standard) / NFC card reader, Data Overwrite Security (for customers requiring Common Criteria certification before the mainframe is certified), Copy Data Security, Enhanced Security HDD, Counter Interface (optional) | |
| Other | VM card (standard) / Fax Connection Unit, SD card for fonts, Unicode font package, OCR unit (optional) | |

More peripheral and functional upgrade options are listed below (see EDP Codes and Dependencies)

EDP Codes and Dependencies

| EDP Codes and Dependencies - MP 305+SP and MP 305+SPF | | | | | |
|---|---|--|----------|--|---|
| Category | Item | Product Name | EDP Code | Must Install | Cannot Install |
| Mainframe | 3-in-1 30ppm MFP | MP 305+SP | 417431 | - | - |
| | 4-in-1 30ppm MFP | MP 305+SPF | 417435 | - | Fax option and fax connection unit |
| Paper Feed | 500 sheet A4 paper feed | Paper Feed Unit FB1090 | 417438 | - | More than one unit |
| Cabinet | Cabinet | High Cabinet | 913490 | - | - |
| Interfaces | Bluetooth interface | Bluetooth Interface Unit Type D | 415818 | - | - |
| Printing | XPS direct print | XPS Direct Print Option Type M15 | 417441 | - | - |
| | Unicode fonts | Unicode Font Package for SAP 1 License | 413009 | - | - |
| | Unicode fonts | Unicode Font Package for SAP 10 License | 413010 | - | - |
| | Unicode fonts | Unicode Font Package for SAP 100 License | 413011 | - | - |
| Fax | Fax | Fax Option Type M15 | 417443 | - | Fax connection unit |
| | Remote fax | Fax Connection Unit Type M15 | 417447 | A fax must already be installed on a shared Nashuatec MFP | Fax option |
| Scanning | OCR unit | OCR Unit Type M13 | 417429 | - | - |
| Security | NFC reader | NFC Card Reader Type M15 | 417666 | - | - |
| | Common Criteria certified DataOverwriteSecurity | Data Overwrite Security Unit Type I | 416372 | Option for customers requiring Common Criteria certification before the mainframe is certified | Replaces standard HDD and cannot be installed with Enhanced Security HDD |
| | Copy Data Security | Copy Data Security Unit Type G | 416391 | - | - |
| | HDD option for FIPS | Enhanced Security HDD Option Type M10 | 417006 | - | Replaces standard HDD and cannot be installed with Common Criteria certified Data Overwrite Security Unit |
| | Counter interface | Optional Counter Interface Unit Type M12 | 417111 | - | - |

| Consumable EDP Codes - MP 305+SP and MP 305+SPF | | | |
|---|-----------------------|------------------------|----------|
| Category | Item | Product Name | EDP Code |
| Toner and drum | Black print cartridge | Print Cartridge MP 305 | 842142 |

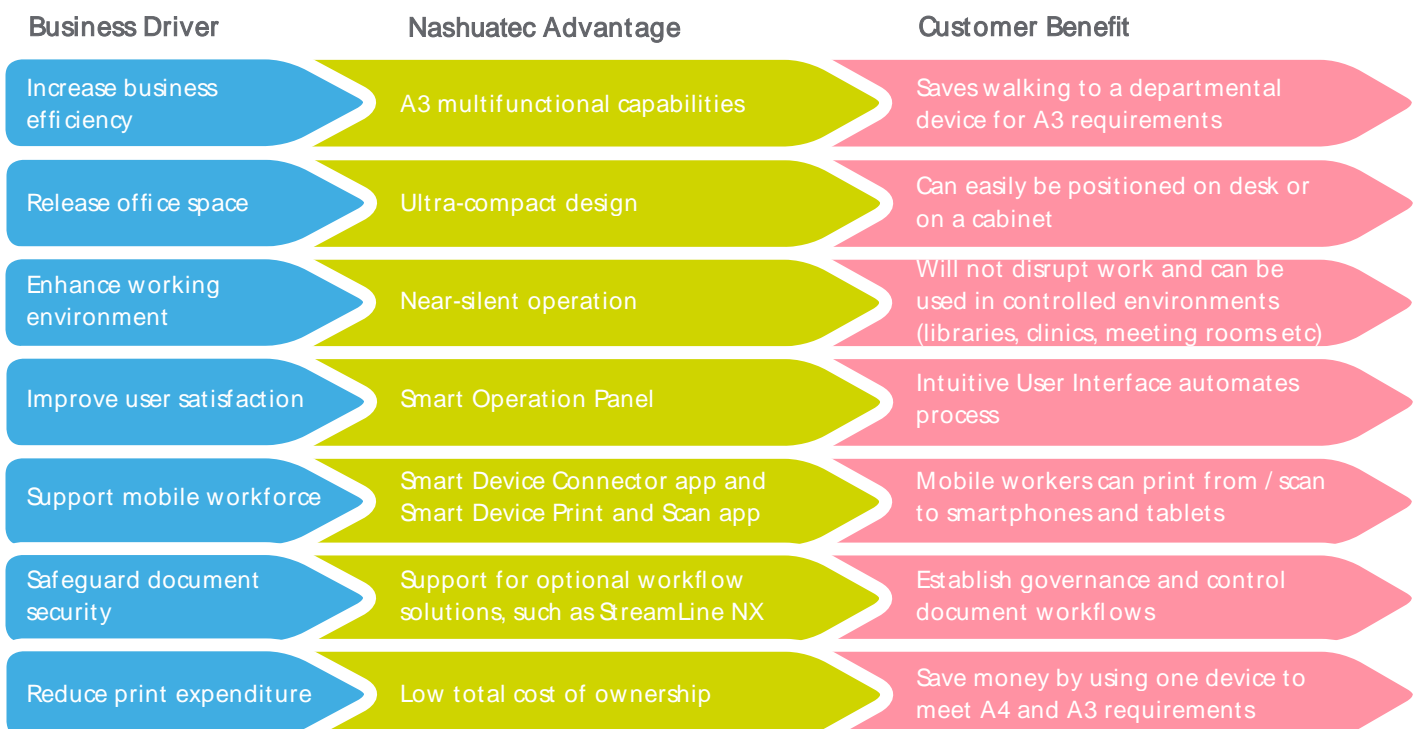
6. Target Markets

The launch objective is to strengthen Nashuatec's product range and increase its share of the black and white market. There are more than a million A4 B&W MFPs in use across Europe and sales of high speed / high specification models (21-30 ppm) are growing. The aim is to replace customers' existing high-end A4 B&W MFPs and low-end A3 B&W MFPs with faster and more effective solutions that meet both their A4 and A3 imaging needs.

For users with occasional A3 requirements, Nashuatec's new MFPs will present a new and elegant solution. They are ultra compact and they offer A3 capability. Target customer groups include individuals and small workgroups in the general office, executive offices, small businesses, retail outlets, reception desks and homeworkers, indeed anyone requiring a compact but highly effective desktop solution.

| Category | Segment | Health care | Finance | Legal | Logistics | Service | Manufacture | Ed/Gov |
|-----------------------------------|---------------------------------|---|---|---|---|---|---|---|
| Standard Office Area | IT / HR / Procurement | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) |
| | Legal / Finance | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) |
| | Executive / Meeting Room | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) | Good (Compact / Quiet) |
| Specific Area for Vertical Market | Counter | Good (Compact / Quiet / Workflow Solutions) | Good (Compact / Quiet / Workflow Solutions) | Good (Compact / Quiet / Workflow Solutions) | Good (Compact / Quiet / Workflow Solutions) | Good (Compact / Quiet / Workflow Solutions) | | Good (Compact / Quiet / Workflow Solutions) |
| | Back Office: Small Branch | | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | | Perfect (A3 / Compact / Quiet / Workflow Solutions) |
| | Back Office: Large Branch | Good (Compact / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | Perfect (A3 / Compact / Quiet / Workflow Solutions) | | Perfect (A3 / Compact / Quiet / Workflow Solutions) |
| | Communication / Consulting room | | | | | Good (Workflow Solutions / Quiet / Compact) | | |
| | Public Space | | Good (Compact / Quiet / Workflow Solutions) | | | | | |

High-level business drivers for MP 305+SP and MP 305+SPF are likely to include:





7. Smart Operation Panel

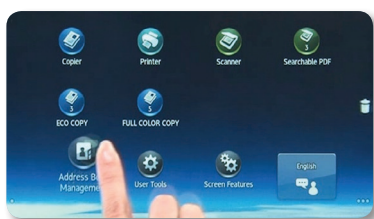
Nashuatec's Smart Operation Panel is a stylish and intuitive alternative to conventional user interfaces. Navigated like a smartphone or a tablet, Nashuatec's Smart Operation Panel simplifies operation, expands functionality and customises the user experience. It even includes a web browser that allows users to view and print web content from the control panel of MFP. The panel is also equipped as standard with a WiFi card, which makes direct connection between mobile devices and panel possible, simplifying accessibility and information exchange.

Individual users can customise the interface to their own requirements. They can change the wallpaper, drag and drop icon-based short cuts onto the home screen, download and save apps, customise machine sounds (key, beeper and alert sounds can be set individually), quickly access one-touch settings and view intelligent widgets. Any user not comfortable with the Smart Operation Panel can quickly toggle to Nashuatec's conventional menu-based interface.

The Smart Operation Panel also supports Quick Authentication. The simple 'swipe-and-go' card-based authentication system is fast and secure, eliminating the need for users to remember additional login names and passwords. Nashuatec's native authentication software is pre-installed and only requires the purchase of an optional NRC Reader / Writer. By controlling access to MFP functions, it prevents sensitive documents from being viewed, copied or sent by unauthorised users.

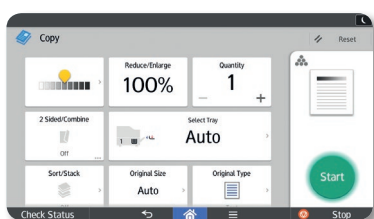
Standard Features, Extraordinary Experience

The standard features of the Smart Operation Panel provide an extraordinary user experience. It is easy to navigate the interface, the screen can be personalised, widgets provide essential information, icons are organised in folders, web pages can be printed and quick settings simplify operation.



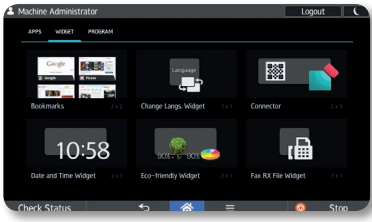
Intuitive Navigation

The MFP can be operated with touch gestures, just like a smart device. With a flick of the finger, the user can navigate from one screen to another. The familiar drag-and-drop gesture can be used to rearrange icons on the home screen. And, by pinching the screen, the user can zoom in and out.



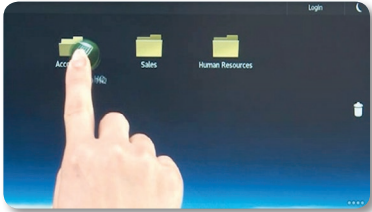
Intuitive User Interface

Nashuatec's new Intuitive User Interface for copy, scan, fax and print simplify operation. Using 'flick' and 'pinch-in/out' gestures, it is easy to check and change copy, scan and fax settings. A grid-based layout with large icons and fonts make the apps easy to use and provides a smooth transition from Nashuatec's 'classic' user interface.



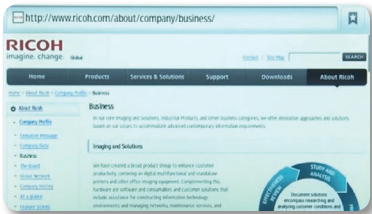
Instant Information

Widgets can be added to the home screen, making information available at a glance. They include widgets that show the date and time, display environmental metrics and the amount of toner remaining, notify users of incoming fax messages and enable the user to switch languages.



Home Screen Folders

Folders can be created on the home screen. This allows icons to be organised logically and located quickly. For repetitive tasks requiring multiple settings, storing all the required program icons in the same folder can save a lot of time.



Integrated Web Browser

A standard feature of the Smart Operation Panel, the Web Browser provides direct access to the web. It can be used to access and view web pages, and enables users to print HTML and PDF content, such as maps and tickets, directly from the MFP.

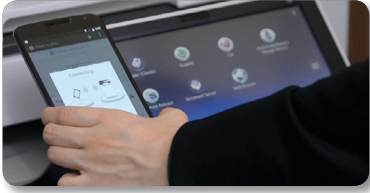


Personalised Wallpaper

Customising the interface increases the user's affinity with the MFP. The wallpaper can be changed at will. Users can switch between ready-made wallpaper options or customise the background by loading their own images from an SD Card.

Intelligent Workflow Applications


The standard features can be expanded by downloading intelligent workflow applications developed by Nashuatec and its partners. These applications include Smart Device Connector, Remote Assistance and Pattern Lock.

| Workflow Applications - MP 305+SP and MP 305+SPF | | |
|---|--|--|
| Feature | Advantage | Benefit |
| Smart Device Connector  | Ricoh Smart Device Connector app enables users to connect smart phones and tablets to the MFP quickly and easily using NFC, QR code and Bluetooth. Once connected, their smart devices can be used as an interface to print and scan documents and send fax messages (requires fax enabled MFP). | Improves access to technology, simplifies information exchange and helps to facilitate mobile working. |
| ID Card Copy *** NEW *** | The ID Card Copy app automates ID card copying, printing the front and back of an ID card onto one side of a sheet of paper. | It is designed to help staff working on the registration desk in hotels, banks, hospitals and car rental agencies and will save them time and reduce errors. |
| Scan to Folder Helper *** NEW *** | This application provides users with a setup wizard for registering the destination of documents that have been scanned using Scan to SMB. | Automates the scanning process and simplifies operation. |
| Remote Assistance (available from FY16 Q1) | Responding to a remote assistance request, the help desk administrator can view the Smart Operation Panel of an MFP and support the user by annotating the screen, remotely changing settings or sending a URL that enables the user to view and print web-based support information. | Reduces downtime and simplifies support. |


Sales people should check with their local marketing department for an up to date list of workflow applications.




8. Key Features

| Mainframe - MP 305+SP and MP 305+SPF | | |
|--|--|---|
| Feature | Advantage | Benefit |
| Ultra-compact *** Best-in-Class ***  | Just 350mm wide and 460mm deep, the new MFPs take up less than half the space of other A3 MFPs. | They have a tiny footprint and can be positioned on a desk within easy reach of the user. |
| A3 print engine *** Best-in-Class *** | MP 305+SP and MP 305+SPF are the only compact desktop MFPs to offer full A3 capability. | Meet occasional A3 requirements without walking to a departmental device. |
| I-Style concept | The new MFPs follow Nashuatec's I-Style design concept. Operational areas, such as the touchscreen display and delivery area, are emphasised in black. | Smart appearance accentuates compact design and looks good in a modern work environment. |
| Blind cover | A cover (at the rear of the machine) hides cabling. | Clean, uncomplicated design will fit any space. |
| 4-in-1 / 3-in-1 MFPs | MP 305+SP is print, copy and scan enabled. MP 305+SPF is print, copy, scan and fax enabled. | Replace single function devices, improving facilities and saving space. |
| ARDF | The new MFPs are equipped with a high capacity ARDF. | Automates scanning and copying processes, saving time. |
| Integral duplex | The new MFPs are equipped with a duplex unit. | Printing double-sided saves paper and looks more professional. |

Operation - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|---|--|---|
| Intuitive User Interface *** NEW ***  | Intuitive Smart apps, navigated using 'flick' and 'pinch-in/out' gestures, make it easy to select copy, scan and fax settings. | Simplifies operation and provides a smooth transition from Nashuatec's 'classic' user interface. |
| Next Generation (GWNX) controller | Same controller architecture as Nashuatec's latest A3 devices. Runs integrated workflow applications. | Common interface automates workflow, establishes governance and enforces security. |
| 10.1" WSVGA touchscreen panel | Large, high visibility touchscreen panel - there are no hard buttons - can be tilted for easy operation. | Easily accessible, no matter where the MFP is located and instantly familiar to users of other Nashuatec devices. |
| Smart Operation Panel | The touchscreen is navigated with touch gestures, much like a smart phone or tablet. | Simplifies operation, improving the user experience. |
| Customisable wall paper | An image, such as a corporate logo, can be displayed on the operational panel. | Use of a company logo improves the user's affinity with the machine. |
| Web Browser | Enables users to navigate and print from the Web, as well as access and print documents stored in cloud-based accounts. | Saves time and improves access to information. |
| One touch settings | Allows users to save their favourite settings as programmes for copy, scan and fax. Saved settings are clearly marked. | One-touch settings simplify operation and improve productivity. |

Paper Handling - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|--|---|---|
| A3 capability  | Trays extend, when required, to print, copy and scan A3 documents | Compact desktop solution which is able to meet A3 requirements. |
| 250 sheet A4 tray | The standard tray holds up to 250 sheets of paper (A6 to A4). | Perfectly adequate for low volume use. |
| 500 sheet 2nd tray (option) | Optional 2nd tray extends paper hold a full ream of paper. | Hold different stock online and reduce downtime related to paper replenishment. |
| Auto tray switching (requires optional 2nd tray) | The MFPs can automatically switch from one tray to the next. | Replenish paper without interrupting the print process. |

| | | |
|-----------------------|--|--|
| 10 sheet multi-bypass | The side loading bypass tray holds upto 10 sheets of paper and can be used to feed A3 stock. Extends upwards so that minimal side clearance is required. | Support A3 printing and copying, and can be used to feed non-standrd media such as letterhead paper. |
|-----------------------|--|--|


Productivity - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|---------------------|--|--|
| Fast first page | MP 305+SP and MP 305+SPF deliver their first page in 4.9 seconds. | Real-world productivity saves time. |
| 30 ppm print engine | Continuous output is produced at a speed of 30 ppm (A4). | Multi page documents are produced quickly, supporting workgroup use. |
| High speed duplex | The integral duplex delivers double-sided print output at a rate of 20 ppm (A4). | Maintain productivity when printing double-sided. |

Network - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|------------------------------------|--|--|
| Network ready | The new MFPs have a gigabit ethernet interface. | Workgroup users can share the same device, improving access. |
| Bluetooth print option (Mainframe) | A USB bluetooth print interface is offered as an option. | Allows users to print from bluetooth enabled devices. |
| Bluetooth (Smart Operation Panel) | The Smart Operation Panel includes bluetooth connectivity as standard. | Smart Operation Panel uses bluetooth 4.0 to connect with external devices. |

Printing - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|--|---|--|
| PLC printing and PS printing | MP 305+SP and MP 305+SPF support PCL printing and PS3 printing. | PostScript printing is included as standard, improving functionality and saving money. |
| Point and print icons | The PCL and PS3 print drivers have graphic icons which allow single click selection of complex settings and can even remember personal settings for future use. | Simplifies the print process, saving time. |
| Smart Device Print and Scan  | Free Nashuatec app enables documents to be printed from and scanned to smartphones and tablets. | Improves access and mobility. |
| PDF direct print | PDF documents can be printed directly to the PostScript enabled printer. The files are processed by the printer rather than the PC. | Releases computer resource and reduces network traffic. |
| Mail to Print (fax capability required) | Send an email with attached data directly to the MFP for printing. | Improves access and simplifies print process. |

| | | |
|---------------------------|--|--|
| XPS direct print (option) | MP 305+SP and MP 305+SPF also support XPS direct print. XPS is an XML based document format similar to PDF, promoted by Microsoft. | Compatible with newly emerging print format. |
|---------------------------|--|--|

Portable Media - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|-------------------------|---|---|
| USB/SD card reader | There is a USB/SD card reader located to the side of the control panel. | Improves access by enabling walk up users to print from / scan to flash memory. |
| Media print settings | Print settings such as duplex and booklet printing can be applied to documents held on the USB/SD card. | Improves functionality enhances the quality of printed documents. |
| Media print preview | Documents held on the USB/SD card can be previewed at the control panel. The preview is displayed with selected print settings applied. | Reduces waste by ensuring that the right documents are selected and printed in the format required. |
| Multiple file selection | It is possible to select and print multiple JPEG, TIFF or PDF files held in the same folder of a USB/SD card. | Speeds production with the user able to print multiple files in a single operation. |

Scanning - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|--------------------------------------|---|---|
| Colour scanning | Documents can be scanned in full colour at resolutions of up to 600 x 600 dpi. | High-resolution colour scanning facility eliminates the need for standalone scanning devices. |
| 50 sheet ARDF | Feeds single and double sided originals at a speed of 30 ipm (colour and B/W). | Automates scanning and copying processes, saving time. |
| Flatbed scanner | Books and photographs can be scanned directly from the platen glass. | It is easy to scan bound or mounted originals such as books and photographs. |
| Distributed scan management (DSM) | The administrator can pre-set scanning conditions and destinations for users. | Simplifies the scanning process. |
| Searchable PDF (requires OCR option) | The document text is recognised and saved along with the original document. | Improves access to information as documents can be searched for using keywords, and text within the document can be edited. |
| Encrypted PDF transmission | PDF documents scanned to e-mail, saved to the document server or to another network location can be encrypted and password protected. | Protects confidential information. |
| PDF/A | PDF/A is an ISO standard for the long-term archiving of electronic documents. The format locks the document to maintain its originality and records within the document a 'Device Certificate'. | Document format complies with government and industry regulatory standards. |

| | | |
|---------------------------|---|--|
| Enhanced encryption level | The user can select secure encryption algorithms. Supported algorithms include AES256bit (used by the US government, NESSIE in the EU and CRYPTREC in Japan) and SHA-2 (used by the US National Security Agency). | Encryption complies with government and industry regulatory standards. |
|---------------------------|---|--|

Copying - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|----------------------|--|--|
| Scan once, copy many | Copies are produced from memory. | Each copy is identical to the first. |
| Electronic sorting | Copies and prints are delivered in page order. | Saves time as sets are collated ready for distribution. |
| Digital zoom | 25 to 400% zoom with 1% steps plus 13 preset enlargement /reduction ratios | One-step enlargement/reduction between A4 and A3 formats, saves time. |
| ID card copy | Automatically copies both sides of an ID card onto one side of a sheet of paper. | Saves time and paper. Will prove useful to organisations needing to copy credit cards and passports. |
| Combine copy | Scan two or four originals and print them as tiled copies on one sheet of paper. | Reduce print and paper costs. |

Fax - MP 305+SPF (option for MP 305+SP)

| Feature | Advantage | Benefit |
|-----------------------------------|--|--|
| Fax functionality | Fully featured plain paper fax machine. | Eliminates the need for a separate standalone fax machine, saving money and |
| Fast transmission | An A4 fax message can be scanned in 2.5 seconds and transmitted in 2 seconds. | Fast transmission saves the user time and reduces line charges. |
| Book fax | Bound documents, such as brochures and reports, can be faxed directly from the platen glass. | Saves time as there's no need to breakdown bound documents for faxing. |
| Quick dial | There is the facility to save 2,000 quick dial numbers. | Speeds communication with regular contacts. |
| Remote fax (option for MP 305+SP) | Allows to MP 305+SP to send faxes via another fax enabled Nashuatec. | Reduces configuration cost and enables multiple MFPs to share a single fax line. |

Security - MP 305+SP and MP 305+SPF

| Feature | Advantage | Benefit |
|--------------------------|--|--|
| NFC Card Reader (option) | An optional NFC (near field communication) card reader can be installed inside the top panel of the MFP. The reader supports ID card authentication. | Protects security by requiring ID card based authentication. |
| Data Overwrite Security | Overwrites temporary data held on the hard drive up to nine times with random data. | Protects security by ensuring that temporary data cannot be recovered. |
| HDD Encryption | Encrypts the address book, authentication information and stored documents. | Protects security by encrypting documents. |

| | | |
|--|---|--|
| FIPS certified HDD (option) | The standard hard drive can be replaced with an optional HDD that is certified to meet the Federal Information Processing Standards (FIPS). These are U.S. government computer security standards that specify requirements for cryptography modules. | Suitable for use in secure environments such as by government agencies and in industries that are subject to strict security compliance. |
| Quota scheduling | The administrator can limit the output of individual users and user groups by setting page count limits. This feature now allows quotas to be shared across multiple Nashuatec devices. | Establishes governance over the print environment and reduces print volume. |
| Banner page print | A job sheet can be printed before a print job that identifies the originator. | Makes it easier to identify work in a busy environment. |
| Mandatory hold print | When mandatory hold print is activated by the administrator, print output is held in the document server until released at the printer by the originator. | Protects confidentiality and reduces waste. |
| Mandatory security information | Automatically append security information such as the user ID, date, time, IP address and printer serial number to every document printed. | Improves document security by establishing a printed audit trail. |
| Fax output timer (requires fax option) | The administrator can set a time schedule for fax output. Fax messages are held in memory and printed at the predetermined time. | Reduces the risk of fax messages being read by unauthorised personnel or inadvertently picked up along with other documents. |

| Environment - MP 305+SP and MP 305+SPF | | |
|--|---|--|
| Feature | Advantage | Benefit |
| Quiet operation *** Best-in-Class *** | Design features, which include a labyrinth structure, low gear ratios and Helmholtz silencing, help to reduce noise output. | In normal operation, MP 305+SP and MP 305+SPF are 50% quieter than most desktop MFPs. |
| Silent mode *** Best-in-Class *** | Silent Mode cuts noise output to negligible levels by slowing the print speed to 15 ppm (A4). | With Silent Mode engaged, MP 305+SP and MP 305+SPF can be used in controlled environments. |
| Sleep mode | In energy saving sleep mode, the new devices consume 0.87 W. | Reduces energy consumption. |
| Low TEC rating | TEC rating (typical electricity consumption) of less than 1,243 Wh. | Using energy efficient technology reduces carbon emissions. |
| Eco-information screen | A pop-up, visible at the control panel, reports green metrics, such as the number of double sided prints. | Encourages sustainable print behaviour. |
| Remote monitoring | The new MFPs support @Remote, Nashuatec's remote monitoring and diagnostics tool. | Remote monitoring safeguards reliable performance and reduces service downtime & cost control. |

9. Specifications

| General Specifications - MP 305+SP and MP 305+SPF | | | |
|---|--------------------------------|-------------------------|---|
| Warm-up time | 27 seconds | | |
| First output speed | B/W | 4.9 seconds | |
| Continuous output speed | A4 | 30 pages per minute | |
| One to one copy speed | B/W | A4 | 30 copies per minute |
| | | A4 duplex | 20 copies per minute |
| Memory | Standard | 2 GB | |
| | Maximum | 2 GB | |
| HDD | 320 GB | | |
| Reproduction ratio | 400% | | |
| | 200% | | |
| | 141% | | |
| | 122% | | |
| | 115% | | |
| | 100% | | |
| | 93% | | |
| | 87% | | |
| | 82% | | |
| | 71% | | |
| | 61% | | |
| | 50% | | |
| | 25% | | |
| Zoom | From 25% to 400% in 1% step | | |
| Enhanced features | Combine | 2 into 1 simplex | |
| | | 4 into 1 simplex | |
| | | 8 into 1 simplex | |
| | | 1 duplex into 1 simplex | |
| | | 2 duplex into 1 simplex | |
| | | 4 duplex into 1 simplex | |
| | | 4 into 1 duplex | |
| | | 8 into 1 duplex | |
| | | 16 into 1 duplex | |
| | | 2 duplex into 1 duplex | |
| | | 4 duplex into 1 duplex | |
| | | 8 duplex into 1 duplex | |
| | Shift/erase/marging adjustment | Centring | |
| | | Cornering | |
| | | Margin adjustment | 1 mm step (0-30 mm)Default = Front Page:5 mm left, Back Page:5 mm right |
| Erase center | | | |
| Erase border | | | |
| Image rotation | | | |
| Dimensions (W x D x H) | 350 x 493 x 505 mm | | |
| Weight | 32 kg | | |

Copier Specifications - MP 305+SP and MP 305+SPF

| | | | |
|---------------------------------|--|--|--|
| Multiple copying | Up to 999 copies | | |
| Resolution | 300 x 600 dpi | | |
| | 600 x 600 dpi | | |
| Enhanced features | Copy mode | Default = Text | |
| | | Text | |
| | | Photo | |
| | | Generation | |
| | | Auto Text & Photo separation | |
| | | Pale | |
| | Paper selection | Default = Auto Paper Selection (APS) | |
| | | Auto Paper Selection (APS) | |
| | | 1st tray | |
| | | 2nd tray | |
| | | Bypass tray | |
| | Auto tray switch | | |
| | Duplex | 1 sided to 2 sided | |
| | | 2 sided to 2 sided (with ARDF) | |
| | Book | Booklet | |
| | | Magazine | |
| | | Layout & Booklet | |
| | Series | 2 Sided original to simplex | |
| | Combine | 2 into 1 simplex | |
| | | 4 into 1 simplex | |
| | | 8 into 1 simplex | |
| | | 1 duplex into 1 simplex | |
| | | 2 duplex into 1 simplex | |
| | | 4 duplex into 1 simplex | |
| | | 4 into 1 duplex | |
| | | 8 into 1 duplex | |
| | | 16 into 1 duplex | |
| | | 2 duplex into 1 duplex | |
| | | 4 duplex into 1 duplex | |
| | 8 duplex into 1 duplex | | |
| | Shift/erase/margin adjustment | Centering | |
| | | Cornering | |
| Margin adjustment | | 1 mm step (0-30 mm) Default = Front Page:5 mm left, Back Page:5 mm right | |
| Cover sheet/chapter/slip sheets | Front cover: Copy or Blank [only supported by Classic Copy application] | | |
| | Front & back cover Copy or Blank [only supported by Classic Copy application] | | |
| | Chapter [only supported by Classic Copy application] | | |
| | Slip sheets [only supported by Classic Copy application] | | |

| | | | |
|--|--|--|--------------------|
| | Image rotation | | |
| | Electronic sort | Without shift sort | |
| | Image creation | Repeat [only supported by Classic Copy application] | |
| | | Double copy | |
| | | Positive/negative [only supported by Classic Copy application] | |
| | Stamp/numbering | Preset stamp | 8 stamps / 2 sizes |
| | | User stamp | |
| | | Date stamp | 5 stamps |
| | | Page number | 6 styles |
| | | Bates Numbering | |
| | | Printing copy prevention pattern | |
| | | Unauthorized copy control | |
| | Sharp/soft | 7 levels | |
| | Contrast | 9 levels | |
| | Background density adjustment | 9 levels | |
| | Job programs | Standard 25 jobs | |
| | User code | 8 digits / 1,000 user code | |
| | Interrupt copy [only supported by Classic Copy application] | | |
| | Auto start | | |
| | Job preset [only supported by Classic Copy application] | | |
| | Sample copy [only supported by Classic Copy application] | | |
| | Simplified display[only supported by Classic Copy application] | | |
| | Login/logout button | | |
| | SMC report print out (logging data) | | |
| | NRS option | | |
| | Document server | | |
| | Auto off timer | | |
| | Energy saver timer | | |
| | Panel off timer | | |
| | System reset timer | | |

Printer Specifications - MP 305+SP and MP 305+SPF

| | | |
|-----------------------|----------|-----------------------|
| Printer language | Standard | PCL5e |
| | | PCL6(XL) |
| | | Adobe® PostScript® 3™ |
| | | PDF |
| | Option | XPS direct |
| Print resolution | Maximum | 300 x 300 dpi |
| | | 600 x 600 dpi |
| | PCL5c | 300 dpi |
| | | 600 dpi |
| | PCL6 | 600 dpi |
| Adobe® PostScript® 3™ | 300 dpi | |

| | | |
|------------------------------|---|---------------|
| | | 600 dpi |
| | XPS | 300 dpi |
| | | 600 dpi |
| Interface | Standard | USB2.0 Type B |
| | | SD slot |
| | Ethernet 10 base-T/100 base-TX | |
| | Option | Bluetooth |
| Network protocol | TCP/IP | IP v4 |
| | | IP v6 |
| Windows® environments | Windows® Vista | |
| | Windows® 7 | |
| | Windows® 8 and 8.1 | |
| | Windows® Server 2003 | |
| | Windows® Server 2003R2 | |
| | Windows® Server 2008 | |
| | Windows® Server 2008R2 | |
| | Windows® Server 2012 | |
| | Windows® Server 2012R2 | |
| Mac OS environments | Macintosh OS X v10.7 or later | |
| UNIX environments | UNIX Sun® Solaris | 9 and 10 |
| | HP-UX | 11.x |
| | | 11i v2 |
| | | 11i v3 |
| | SCO OpenServer | 5.0.7 |
| | | 6.0 |
| | RedHat® Linux Enterprise | 4 |
| | | 5 |
| | | 6 |
| | IBM® AIX | 5L v5.3 |
| | | 5L v6.1 |
| | | 5L v7.1 |
| SAP® R/3® environments | SAP® R/3® | |
| Other supported environments | NDPS Gateway | |
| | AS/400® using OS/400 Host Print Transform | |
| | IBM iSeries | |
| Printer driver features | Send to document server | |
| | Sample print | |
| | Locked print | |
| | Hold print | |
| | Scheduled print | |
| | Stored print | |
| | Store and print | |

| | |
|--|--|
| | Reduce/enlarge(zoom/scaling) |
| | Layout (N-up, page per sheet) |
| | Duplex |
| | Collate |
| | Banner Page Print (Job Sheet Print) |
| | Rotate by 180 degrees |
| | User ID |
| | User code |
| | PDF direct print |
| | Mail to print |
| | Classification code |
| | Bonjour (Rendezvous) support |
| | Windows® Active Directory support |
| | DDNS support |
| | PCL resident font adoption |
| | Tray-parameter change from Web Image Monitor |
| | Universal driver |
| | XPS support |
| | WS printer |
| | Media Direct Print (print from USB) |
| | Media Direct Print (print from SD) |
| | Auto Job Promotion |
| | AirPrint |
| | Poster Print |

| Scanner Specifications - MP 305+SP and MP 305+SPF | | | |
|---|--|-------------|------------------------------|
| Scanning speed | 200 dpi | Full colour | 30 originals per minute (A4) |
| | | B/W | 30 originals per minute (A4) |
| | 300 dpi | Full colour | 30 originals per minute (A4) |
| | | B/W | 30 originals per minute (A4) |
| Resolution | Standard | 100 dpi | |
| | | 200 dpi | |
| | | 300 dpi | |
| | | 400 dpi | |
| | | 600 dpi | |
| | Default | 200 dpi | |
| Scanning area | Main scan | 297 mm | |
| | Sub scan | 216 mm | |
| Network interface | Ethernet 10 base-T/100 base-TX/ 1000base-T | | |
| File format | Single page TIFF | | |

| | | | |
|--|----------------------------------|---------------------------------|---------------|
| | Single page JPEG | | |
| | Single page PDF | | |
| | Single page High compression PDF | | |
| | Single page PDF-A | | |
| | Multi page TIFF | | |
| | Multi page PDF | | |
| | Multi page High compression PDF | | |
| | Multi page PDF-A | | |
| Network TWAIN Driver | OS | Windows® Vista | |
| | | Windows 7 | |
| | | Windows 8 | |
| | | Windows 8.1 | |
| | | Windows® Server 2003 | |
| | | Windows® Server 2008 | |
| | | Windows® Server 2008R2 | |
| | | Windows® Server 2012 | |
| | | Windows® Server 2012R2 | |
| | Resolution | Colour | 100 - 600 dpi |
| | | B/W | 100 - 600 dpi |
| | Scan mode | Standard | |
| | | Photo | |
| | | OCR | |
| Filing | | | |
| Image adjustment | Brightness | | |
| | Contrast | | |
| | Threshold | | |
| | Gamma adjustment | | |
| | Halftone pattern | | |
| Stamp | | | |
| Endorse | | | |
| Scanner features | Scan to USB/SD | | |
| | WS-Scanner | | |
| | Scanned file naming | Reference # setting | |
| | Scan file type selection | Single TIFF | |
| | | Single JPEG (Grey Scale) | |
| | | Single PDF | |
| | | Single High Compression PDF | |
| | | Multi Page TIFF/PDF | |
| | | Multi page High Compression PDF | |
| | LDAP Support | E-mail address search | |
| | | Fax address search | |
| Preview before transmission (TX Preview) | | | |
| PDF encryption | | | |

| | | |
|---------|--|--------------------|
| | Drop out colour send | |
| | Twain Scan | |
| | Universal send* (simultaneous Fax & Scan) [only supported by Classic Scan application] | |
| Scan to | E-mail | SMTP (Mail Server) |
| | | TCP/IP |
| | USB | |
| | SMB | |
| | FTP | |
| | URL | |
| | PDF/A | |
| | Digitally signed PDF | |
| | Searchable PDF (embedded) | |

| Fax Specifications - MP 305+SP and MP 305+SPF | | |
|---|-----------------------------------|---|
| Circuit | PSTN | |
| | PBX | |
| Compatibility | ITU-T (CCITT) G3 | |
| Resolution | Standard | 8 x 3.85 line/mm, 200 x 100 dpi |
| | | 8 x 7.7 line/mm, 200 x 200 dpi |
| Compression method | MH | |
| | MR | |
| | MMR | |
| | JBIG | |
| Transmission speed | G3 | 2 second(s) (200 x 100 dpi, JBIG) |
| | | 3 second(s) (200 x 100 dpi, MMR) |
| Modem speed | Maximum | 33.6 Kbps |
| Scanning speed | 23.8 second(s) | |
| Memory backup | Yes | 1 hour |
| SAF memory size | Standard | 4 MB |
| Internet Fax | Requirement of mainframe | G3 fax option required |
| | Number of address | 2,000 HDD storage |
| | Email address input | From LCD operation panel |
| | | Web Image Monitor |
| | | Smart Device Monitor for Admin |
| | Attention | "to" or "bcc" (select only one), maximum 500 attentions |
| | Destination combination | Internet Fax + G3 Fax |
| | | Internet Fax to PC + G3 Fax |
| Network | Ethernet/10Base-T | |
| | Ethernet/100Base-TX | |
| | Ethernet/1000Base-T | |
| | IEEE 802.11a/b/g/n (Wireless LAN) | |

| | | | | |
|---|--|------------------------------------|---------------|--|
| | Transmit function | E-mail | | |
| | Scan line density | Standard character | 200 x 100 dpi | |
| | | Detail character | 200 x 200 dpi | |
| | | Fine character | 200 x 400 dpi | |
| | | Super fine character | 400 x 400 dpi | |
| | (Maximum)Original size | A4 | | |
| | Communication protocol | Transmission | SMTP, TCP/IP | |
| | | Reception | POP3 | |
| | | | SMTP | |
| | | | IMAP4 | |
| | | TCP/IP | | |
| | IPv6 Support | Yes | | |
| | Email format | Single/multi-part | | |
| MIME Conversion | | | | |
| Attached file forms: TIFF-F (MH, MR, MMR compression) | | | | |
| Authentication method | SMTP-AUTH | | | |
| | POP before SMTP | | | |
| | A-POP | | | |
| Internet communication | Send and receive e-mail with a computer that has an e-mail address | | | |
| E-mail send functions | Automatic conversion of sent documents to e-mail format and e-mail transmission. Memory transmission only. | | | |
| E-mail receive functions | Automatic detection and printing of appended TIFF-F(MH) files and ASCII text. Memory reception only. | | | |
| LAN Fax | Paper size | A3 | | |
| | | DLT | | |
| | | B4 | | |
| | | A4 | | |
| | | Letter | | |
| | | Legal | | |
| | | B5 | | |
| | | A5 | | |
| | Resolution | Super fine | 400 x 400 dpi | |
| | | Detail | 200 x 200 dpi | |
| | | Standard | 200 x 100 dpi | |
| | | Reduce 400dpi image data to 400dpi | | |
| | Number of addresses | 2,000 addresses | | |
| | OS | Windows® Vista | | |
| | | Windows® 7 | | |
| | | Windows® 8 and 8.1 | | |
| | | Windows® Server 2003 | | |
| Windows® Server 2003R2 | | | | |
| Windows® Server 2008 | | | | |
| | Windows® Server 2008R2 | | | |

| | | | | |
|------------------------------|---|---|-------------------|--|
| | | Windows® Server 2012 | | |
| IP Fax | Network | Ethernet/10Base-T | | |
| | | Ethernet/100Base-TX | | |
| | | Ethernet/1000Base-T | | |
| | | IEEE 802.11a/b/g/n (Wireless LAN) | | |
| | Scan Line Density | Standard character | 200dpi x 100dpi | |
| | | Detail character | 200dpi x 200 dpi | |
| | | Fine character | 200dpi x 400dpi | |
| | | Super Fine character | 400dpi x 400dpi | |
| | Maximum scanning size | Standard | 210 mm x 297 mm | |
| | | Irregular | 210 mm x 1,200 mm | |
| | Transmission protocol | Recommended: T.38, TCP, UDP/IP communication, SIP(RFC 3261 compliant), H.323 v2 | | |
| IPv6 support | | | | |
| Compatible machines | IP-Fax compatible machines | | | |
| IP-fax transmission function | Specify an IP address and send faxes to an IP-Fax compatible fax through a network. Also capable of sending faxes from a G3 fax connected to a telephone line via a VoIP gateway. | | | |
| IP-fax reception function | Receive faxes sent from an IP-Fax compatible fax through a network. Also capable of receiving faxes from a G3 fax connected to a telephone line via a VoIP gateway | | | |
| Fax features | Remote Fax | | | |
| | Detection of misplaced document | | | |
| | Double-check of destination address | | | |
| | Direct SMTP | | | |
| | Forward to E-mail | | | |
| | Fax forward to folder | | | |
| | Paperless fax (HDD received) | | | |
| | LAN-fax with cover sheet editor | | | |
| | LDAP Support | | | |
| | G3 Line: Max 1 line | | | |
| | Universal Send (simultaneous Fax & Scan) [only supported by Classic Fax application] | | | |
| | DS stored data sending | | | |
| | Fax output timer | | | |

| Paper Specifications - MP 305+SP and MP 305+SPF | | |
|---|------------------------|----|
| Recommended paper size | Standard paper tray(s) | A4 |
| | | A5 |
| | | A6 |
| | | B4 |
| | | B5 |
| | | B6 |
| | Bypass tray | A3 |
| | | A4 |
| | | A5 |

| | | |
|-----------------------|---------------|---------------------------|
| | | A6 |
| | | B4 |
| | | B5 |
| | | B6 |
| Paper input capacity | Standard | 250 sheets |
| | Maximum | 750 sheets |
| Paper output capacity | Standard | 100 sheets |
| | Maximum | 100 sheets |
| Paper weight | Paper tray(s) | 60 - 105 g/m ² |
| | Bypass tray | 52 - 163 g/m ² |
| | Duplex | 60 - 105 g/m ² |

Security Specifications - MP 305+SP and MP 305+SPF

| | | |
|--------------------------------------|------------------------------------|----------|
| HDD Data Overwrite Security | | |
| Authentication | Windows® authentication | |
| | LDAP authentication | Kerberos |
| | Basic authentication | |
| | User code authentication | |
| | 802.1.x wired authentication | |
| Encryption | Address book encryption | |
| | Authentication password encryption | |
| | SSL communication | |
| | S/MIME | |
| | IPsec communication | |
| | HDD encryption | |
| | Type A | |
| | Address book encryption | |
| Authentication password encryption | | |
| Secure print | | |
| Copy Data Security Unit option | | |
| Unauthorised copy prevention (print) | | |
| Unauthorised copy prevention (copy) | | |

Environmental Specifications - MP 305+SP and MP 305+SPF

| | | | |
|------------------------------------|-----------------|-----|-------------------|
| Sound power level (mainframe) | Copying | B/W | less than 56.4 dB |
| Sound power level (full system) | Copying | B/W | less than 61.5 dB |
| Sound pressure level (mainframe) | B/W | | less than 49.7 dB |
| Sound pressure level (full system) | B/W | | less than 51.8 dB |
| Power consumption | Maximum | | 1,140 W |
| | Operating power | | less than 455.1 W |
| | Ready mode | | less than 83.5 W |
| | Low power mode | | less than 66.5 W |

| | | | |
|--|---------------------------------------|--------------------|----------------------|
| | Sleep mode | less than 0.87 W | |
| | TEC (Typical Electricity Consumption) | less than 1,243 Wh | |
| Material emission level (emission rate) | Ozone (Print) | BW | Operation: 1.5 mg/h |
| | Dust (Print) | BW | Operation: 4 mg/h |
| | Styrene (Print) | BW | Operation: 1 mg/h |
| | TVOC (Print) | BW | Operation: 10 mg/h |
| | TVOC (Ready) | Operation: 1 mg/h | |
| | Benzene (Print) | BW | Operation: 0.05 mg/h |
| Environmental labels/ ENERGY STAR certification | ENERGY STAR version 2.0 | | |
| Storage conditions | Temperature | -30°C - 40°C | |
| | Humidity | Less than 85% | |
| | Storage period | Maximum 12 months | |
| | Maximum stack | 6 cartons | |
| Transportation conditions | Temperature | -30 - 40°C | |
| | Humidity | Less than 95% | |
| | Maximum stack | 3 cartons | |
| Accessibility features | Easy touch screen | | |
| | Tilt operation panel | | |
| | Printer driver (FCL6) screen reader | | |

Options - MP 305+SP and MP 305+SPF

| |
|--|
| 1 x 500-sheet paper tray |
| Bluetooth |
| Counter interface |
| Data Overwrite Security Unit (Certified version) |
| Copy Data Security Unit |
| Fax Connection Unit |
| Fax option |
| Unicode Font Package for SAP |
| OCR Unit |
| XPS direct print |
| Enhanced security HDD |
| NFC Card Reader |

Consumable Specifications - MP 305+SP and MP 305+SPF

| | | |
|----------------|-------|--------------|
| Toner capacity | Black | 9,000 prints |
|----------------|-------|--------------|



10. Service and Supplies

MP305+SP and MP 305+SPF should be maintained by a trained service engineer. Like other Nashuatec MFPs, service is likely to be offered on a toner inclusive Pay per Page (PpP) basis.

PpP servicing offers the following customer advantages:

- Transparent pricing
- Includes toner and servicing
- Pre-agreed page cost
- Metered pay as you go billing

MP305+SP and MP 305+SPF have similar running costs to MP301SP (A4 black-and-white desktop MFP). Although the running costs are similar, sales people must refer to their service or sales management for actual service pricing.

The new machines are reliable and resilient. With target MCBCs (mean copies between calls) of 23,000 pages, customers producing 2,000 pages a month (average monthly volume) might expect to need a service visit once a year.

Using @Remote, the devices can be monitored in real-time enabling Nashuatec's service operation to identify issues before they become apparent to users and deliver consumable items such as toner in advance of need.

Consumable yields and service parameters are provided below:

| Service and Supplies Specifications - MP 305+SP and MP 305+SPF | | |
|--|-------------------------|--|
| Toner | Print Cartridge MP 305 | 9,000 prints |
| Document Volume | Average Monthly Volume | 2,000 pages |
| | Maximum Monthly Volume | 7,500 pages |
| | Duty Cycle | 20,000 pages |
| | PM Cycle | 60,000 pages |
| | MCBC | 23,000 pages |
| Life | Target Life (Mainframe) | 450,000 pages or five years, whichever comes first |
| | Target Life (ARDF) | 300,000 pages or five years, whichever comes first |

11. Competition

- Ultra compact desktop MFPs offering A3 print, copy and scan functionality
- Just 350mm wide by 460mm deep, they can easily be positioned on a desk
- In normal operation, MP 305+SP and MP 305+SPF are 50% quieter than most desktop MFPs
- When absolute quiet is required, the operator can select 'Silent Mode'
- Nashuatec's Intuitive User Interface, accessed via the Smart Operation Panel, simplify operation
- Highly productive, they will produce a typical 5-page job in just 15 seconds

We have compared the specifications of the new MFPs against the specifications of their closest competitors, identifying five star advantages against each.

Data was obtained from the web and from brochures. Whilst care was taken to ensure that information is accurate, no liability will be accepted for errors and omissions.

The models compared are:

| | | |
|----------------------------|--------|--|
| MP 305+SPF ★★★★★ | Versus | A4 B&W MFPs HPLJ Enterprise 500 MFP M525dn Canon iR ADVANCE 400i Kyocera ECOSYS M3540idn |
| MP 305+SPF ★★★★★ | Versus | A4/A3 Hybrid B&W MFPs Toshiba e-STUDIO 2802AF Sndoh M403 |
| MP 305+SPF ★★★★★ | Versus | A3 B&W MFPs Kyocera ECOSYS FS-6530MFP Kyocera ECOSYS FS-6525MFP Konica Minolta bizhub 224e |



| Model | Nashuatec MP 305+SFF | HP LJ Enterprise 500 MFP M525dn | Advantages |
|--------------------------|----------------------------------|---------------------------------|---|
| Segment | | | |
| Model Type | A4/A3 hybrid B&W MFP | A4 B&W MFP | Capable of meeting occasional A3 requirements ★ |
| Functionality | | | |
| Copier | Std | Std | |
| Printer | Std | Std | |
| Scanner | Std | Std | |
| Fax | Std | Opt | MP 305+SFF includes fax as standard |
| Physical | | | |
| Dimensions (HxWxD) | 505 x 350 x 460 mm | 576 x 516 x 547 mm | |
| Footprint | 0.161 m ² | 0.282 m ² | Ultra-compact, needs 43% less space ★ |
| Weight | 32 kg | 30 kg | |
| Control Panel | 10.1" touchscreen | 8" touchscreen | Larger, easier to use control panel ★ |
| Performance | | | |
| Warm-up Time | 27 sec | No information | Faster warm saves time and energy |
| First Page | 4.9 sec | 8.5 sec | Urgent one-off prints ready sooner |
| Multi Page | 30 ppm | 40 ppm | Typical 5 page job produced faster |
| Duty Cycle | 20,000 impressions | 75,000 impressions | |
| Paper Supply | | | |
| Stations (std/max) | 1/2 | 1/4 | |
| Capacity (std/max) | 250/750 sheets | 500/1,600 sheets | |
| Paper Weights | 60 to 105 gsm | 52 to 120 gsm | |
| Paper Sizes | A6 to A3 | A6 to A4 | Supports A3 printing and copying |
| Document Handling | | | |
| Document Feed | Std ARDF | Std RADF | |
| Capacity (spd/cap) | 30 opm/50 orig | 40 opm/50 orig | |
| Duplex | Std | Std | |
| Bypass (cap/wght) | 10/52-163 gsm | 100/52-199 gsm | Bypass opens to feed A3 paper |
| Printer | | | |
| PDL | PCL & PS3 (std) | PCL & PS3 (std) | |
| Resolution | 600 x 600 dpi | 1200 x 1200 dpi | |
| Memory | 2GB RAM, 320GB HDD (std) | 1GB RAM, 8GB HD (std) | Can run embedded workflow solutions ★ |
| Interface | Ethernet (std) / Bluetooth (opt) | Ethernet (std) / Wireless (opt) | |
| Scanner | | | |
| Speed (col/mon) | 30 ipm colour, 30 ipm black | 25 ipm colour, 25 ipm black | Scan colour documents at high speed |
| TWAIN Compatible | Yes | Yes | |
| Scan Destinations | | | |
| E-mail | Yes | Yes | |
| FTP | Yes | Yes | |
| HDD | Yes | No | Save documents to integral document server |
| URL | Yes | Yes | |
| Facsimile | | | |
| Multiple Lines | No | No | |
| Dual Access | Yes | No | |
| Environment | | | |
| TEC Value | 1.7 kWh | 4.016 kWh | Lower energy consumption reduces carbon emissions |
| Noise level | 52.7 dB | 57 dB | Near-silent operation improves work environment ★ |

| Main Options | Nashuatec MP 305+SFF | HP LJ Enterprise 500 MFP M525dn |
|--------------|-------------------------|---------------------------------|
| | 500-sheet paper tray | 500 sheet paper tray |
| | Cabinet | Cabinet |
| | Bluetooth | Fax option |
| | Counter interface | Wireless interface |
| | DOS (certified version) | |
| | Copy Data Security Unit | |
| | Fax option | |
| | Fax Connection Unit | |
| | Unicode Font Package | |
| | OCR Unit | |
| | XPS direct print | |
| | Enhanced security HDD | |
| | NFC Card Reader | |



| Model | Nashuatec MP 305+SFF | Canon iR ADVANCE 400i | Advantages |
|--------------------------|----------------------------------|-----------------------------|--|
| Segment | | | |
| Model Type | A4/A3 hybrid B&W MFP | A4 B&W MFP | Capable of meeting occasional A3 requirements ★ |
| Functionality | | | |
| Copier | Std | Std | |
| Printer | Std | Std | |
| Scanner | Std | Std | |
| Fax | Std | Opt | MP 305+SFF includes fax as standard |
| Physical | | | |
| Dimensions (HxWxD) | 505 x 350 x 460 mm | 633 x 560 x 567 mm | |
| Footprint | 0.161 m ² | 0.318 m ² | Ultra-compact, needs 49% less space ★ |
| Weight | 32 kg | 48 kg | |
| Control Panel | 10.1" touchscreen | 7" touchscreen | Larger, easier to use control panel ★ |
| Performance | | | |
| Warm-up Time | 27 sec | 34 sec | Faster warm saves time and energy |
| First Page | 4.9 sec | 5 sec | Urgent one-off prints ready sooner |
| Multi Page | 30 ppm | 40 ppm | |
| Duty Cycle | 20,000 impressions | 200,000 impressions | |
| Paper Supply | | | |
| Stations (std/max) | 1/2 | 1/5 | |
| Capacity (std/max) | 250/750 sheets | 550/2,300 sheets | |
| Paper Weights | 60 to 105 gsm | 64 to 105 gsm | |
| Paper Sizes | A6 to A3 | A6 to A4 | Supports A3 printing and copying |
| Document Handling | | | |
| Document Feed | Std ARDF | Std RADF | |
| Capacity (spd/cap) | 30 opm/50 orig | 40 opm/100 orig | |
| Duplex | Std | Std | |
| Bypass (cap/wght) | 10/52-163 gsm | 100/64-128 gsm | Bypass opens to feed A3 paper |
| Printer | | | |
| FDL | PCL & PS3 (std) | PCL (std) / PS3 & XPS (opt) | PostScript printing included as standard |
| Resolution | 600 x 600 dpi | 1200 x 1200 dpi | |
| Memory | 2GB RAM, 320GB HDD (std) | 1.5GB RAM, 160GB HD (std) | Can run embedded workflow solutions ★ |
| Interface | Ethernet (std) / Bluetooth (opt) | Ethernet (std) | |
| Scanner | | | |
| Speed (col/mon) | 30/30 ipm | 50/50 ipm | |
| TWAIN Compatible | Yes | Yes | |
| Scan Destinations | | | |
| E-mail | Yes | Yes | |
| FTP | Yes | Yes | |
| HDD | Yes | Yes | |
| URL | Yes | No information | Recipients can download documents at their convenience |
| Facsimile | | | |
| Multiple Lines | No | Opt | |
| Dual Access | Yes | Yes | |
| Environment | | | |
| TEC Value | 1.7 kWh | 1.873 kWh | Lower energy consumption reduces carbon emissions |
| Noise level | 52.7 dB | 73 dB | Near-silent operation improves work environment ★ |

Main Options

| | |
|-------------------------|------------------------|
| 500-sheet paper tray | Envelope feed |
| Cabinet | 550 sheet paper tray |
| Bluetooth | Finisher |
| Counter interface | Pedestal |
| DOS (certified version) | Card reader |
| Copy Data Security Unit | Fax |
| Fax option | Fax dual line |
| Fax Connection Unit | Remote fax |
| Unicode Font Package | Barcode printing |
| OCR Unit | Encrypted secure print |
| XPS direct print | HDD encryption |
| Enhanced security HDD | Web browser |
| NFC Card Reader | |



| Model | Nashuatec MP 305+SPF | Kyocera ECOSYS M3540idn | Advantages |
|---|--|---|--|
| Segment Model Type | A4/A3 hybrid B&W MFP | A4 B&W MFP | Capable of meeting occasional A3 requirements ★ |
| Functionality Copier Printer Scanner Fax | Std Std Std Std | Std Std Std Std | |
| Physical Dimensions (HxWxD) Footprint Weight Control Panel | 505 x 350 x 460 mm 0.161 m ² 32 kg 10.1" touchscreen | 575 x 475 x 455 mm 0.216 m ² 22 kg Touchscreen | Ultra-compact, needs 25% less space ★ Larger, easier to use control panel ★ |
| Performance Warm-up Time First Page Multi Page Duty Cycle | 27 sec 4.9 sec 30 ppm 20,000 impressions | 21 sec 9 sec 40 ppm 150,000 impressions | Urgent one-off prints ready sooner ★ Typical 5 page job produced faster |
| Paper Supply Stations (std/max) Capacity (std/max) Paper Weights Paper Sizes | 1/2 250/750 sheets 60 to 105 gsm A6 to A3 | 1/6 500/2,600 sheets 60 to 120 gsm A6 to A4 | Supports A3 printing and copying |
| Document Handling Document Feed Capacity (spd/cap) Duplex Bypass (cap/wght) | Std ARDF 30 opm/50 orig Std 10/52-163 gsm | Std RADF 40 opm/75 orig Std 100/60-220 gsm | Bypass opens to feed A3 paper |
| Printer PDL Resolution Memory Interface | PCL & PS3 (std) 600 x 600 dpi 2GB RAM, 320GB HDD (std) Ethernet (std) / Bluetooth (opt) | PCL, PS3, XPS (std) 600 x 600 dpi 1GB RAM (std)/32GB SSD (opt) Ethernet (std) / Wireless (opt) | Can run embedded workflow solutions ★ |
| Scanner Speed (col/mon) TWAIN Compatible Scan Destinations E-mail FTP HDD URL | 30/30 ipm Yes Yes Yes Yes Yes Yes | 30/40 ipm Yes Yes Yes Yes No | Recipients can download documents at their convenience |
| Facsimile Multiple Lines Dual Access | No Yes | No Yes | |
| Environment TEC Value Noise level | 1.7 kWh 52.7 dB | 2.3 kWh 51.5 dB | Lower energy consumption reduces carbon emissions |

| Main Options | Nashuatec MP 305+SPF | Kyocera ECOSYS M3540idn |
|--------------|-------------------------|-------------------------|
| | 500-sheet paper tray | 500 sheet paper tray |
| | Cabinet | High cabinet |
| | Bluetooth | Low cabinet |
| | Counter interface | Card reader bracket |
| | DOS (certified version) | Ethernet interface |
| | Copy Data Security Unit | Wireless interface |
| | Fax option | 128 GB SSD |
| | Fax Connection Unit | 16 / 32 GB SD card |
| | Unicode Font Package | 1 GB RAM |
| | OCR Unit | 32-GB SD/SDHC card |
| | XPS direct print | Barcode printing |
| | Enhanced security HDD | Card reader |
| | NFC Card Reader | E data security |
| | | ThinPrint support |



| Model | Nashuatec MP 305+SFF | Toshiba e-STUDIO 2802AF | Advantages |
|--------------------------|----------------------------------|-------------------------|--|
| Segment | | | |
| Model Type | A4/A3 hybrid B&W MFP | A4/A3 hybrid B&W MFP | |
| Functionality | | | |
| Copier | Std | Std | |
| Printer | Std | Std | |
| Scanner | Std | Std | |
| Fax | Std | Std | |
| Physical | | | |
| Dimensions (HxWxD) | 505 x 350 x 460 mm | 508 x 389 x 540 mm | Ultra-compact, needs 23% less space ★ |
| Footprint | 0.161 m ² | 0.210 m ² | |
| Weight | 32 kg | 29 kg | |
| Control Panel | 10.1" touchscreen | Keypad | Much easier to navigate than a keypad ★ |
| Performance | | | |
| Warm-up Time | 27 sec | 18 sec | |
| First Page | 4.9 sec | 6.5 sec | Urgent one-off prints ready sooner |
| Multi Page | 30 ppm | 28 ppm | 7% more productive on longer runs ★ |
| Duty Cycle | 20,000 impressions | 64,000 impressions | |
| Paper Supply | | | |
| Stations (std/max) | 1/2 | 1/2 | |
| Capacity (std/max) | 250/750 sheets | 250/300 sheets | Optional 2nd tray holds a full ream of paper |
| Paper Weights | 60 to 105 gsm | 64 to 216 gsm | |
| Paper Sizes | A6 to A3 | A5 to A3 | |
| Document Handling | | | |
| Document Feed | Std ARDF | Std RADF | |
| Capacity (spd/cap) | 30 opm/50 orig | 25 opm/50 orig | Faster ARDF speeds copying and scanning |
| Duplex | Std | Std | |
| Bypass (cap/wght) | 10/52-163 gsm | 50/64-216 gsm | |
| Printer | | | |
| PDL | PCL & PS3 (std) | PCL (std) | PostScript printing included as standard ★ |
| Resolution | 600 x 600 dpi | 600 x 600 dpi | |
| Memory | 2GB RAM, 320GB HDD (std) | 512MB RAM (std) | Can run embedded workflow solutions |
| Interface | Ethernet (std) / Bluetooth (opt) | Ethernet (std) | |
| Scanner | | | |
| Speed (col/mon) | 30/30 ipm | 22/25 ipm | Scans in colour without slowing |
| TWAIN Compatible | Yes | Yes | |
| Scan Destinations | | | |
| E-mail | Yes | Yes | |
| FTP | Yes | Yes | |
| HDD | Yes | No | Store documents using the integral document server |
| URL | Yes | No | Recipients can download documents at their convenience |
| Facsimile | | | |
| Multiple Lines | No | No | |
| Dual Access | Yes | No information | |
| Environment | | | |
| TEC Value | 1.7 kWh | No information | Lower energy consumption reduces carbon emissions |
| Noise level | 52.7 dB | 64.75 dB | Near-silent operation improves work environment ★ |

Main Options

| | |
|-------------------------|--------------------|
| 500-sheet paper tray | Damper kit |
| Cabinet | Wireless interface |
| Bluetooth | OCR software |
| Counter interface | |
| DOS (certified version) | |
| Copy Data Security Unit | |
| Fax option | |
| Fax Connection Unit | |
| Unicode Font Package | |
| OCR Unit | |
| XPS direct print | |
| Enhanced security HDD | |
| NFC Card Reader | |



| Model | Nashuatec MP 305+SFF | Sindoh M403 | Advantages |
|--------------------------|----------------------------------|---------------------------------|--|
| Segment | | | |
| Model Type | A4/A3 hybrid B&W MFP | A4/A3 hybrid B&W MFP | Sindoh does not support A3 printing and copying ★ |
| Functionality | | | |
| Copier | Std | Std | |
| Printer | Std | Std | |
| Scanner | Std | Std | |
| Fax | Std | Std | |
| Physical | | | |
| Dimensions (HxWxD) | 505 x 350 x 460 mm | 353 x 414 x 573 mm | Ultra-compact, needs 32% less space ★ |
| Footprint | 0.161 m ² | 0.237 m ² | |
| Weight | 32 kg | 15 kg | |
| Control Panel | 10.1" touchscreen | Keypad | Much easier to navigate than a keypad ★ |
| Performance | | | |
| Warm-up Time | 27 sec | 24 sec | |
| First Page | 4.9 sec | 10 sec | Urgent one-off prints ready sooner |
| Multi Page | 30 ppm | 38 ppm | Typical 5 page job produced faster |
| Duty Cycle | 20,000 impressions | 50,000 impressions | |
| Paper Supply | | | |
| Stations (std/max) | 1/2 | 1/3 | |
| Capacity (std/max) | 250/750 sheets | 250/550 sheets | Optional 2nd tray holds a full ream of paper |
| Paper Weights | 60 to 105 gsm | 60 to 220 gsm | |
| Paper Sizes | A6 to A3 | A5 to Legal [216 x 356mm] | Supports A3 printing and copying ★ |
| Document Handling | | | |
| Document Feed | Std ARDF | Std ADF | |
| Capacity (spd/cap) | 30 opm/50 orig | 26 opm/35 orig | Faster ARDF speeds copying and scanning |
| Duplex | Std | Std | |
| Bypass (cap/wght) | 10/52-163 gsm | 50/60-220 gsm | Bypass opens to feed A3 paper |
| Printer | | | |
| PDL | PCL & PS3 (std) | PCL & PS3 (std) | |
| Resolution | 600 x 600 dpi | 600 x 600 dpi | |
| Memory | 2GB RAM, 320GB HDD (std) | 256MB RAM (std) | Can run embedded workflow solutions ★ |
| Interface | Ethernet (std) / Bluetooth (opt) | Ethernet (std) / Wireless (opt) | |
| Scanner | | | |
| Speed (col/mon) | 30/30 ipm | 26/26 ipm | Scans in colour without slowing |
| TWAIN Compatible | Yes | Yes | |
| Scan Destinations | | | |
| E-mail | Yes | Yes | |
| FTP | Yes | Yes | |
| HDD | Yes | No | Store documents using the integral document server |
| URL | Yes | No | Recipients can download documents at their convenience |
| Facsimile | | | |
| Multiple Lines | No | No | |
| Dual Access | Yes | Yes | |
| Environment | | | |
| TEC Value | 1.7 kWh | No information | Lower energy consumption reduces carbon emissions |
| Noise level | 52.7 dB | 55 dB | Near-silent operation improves work environment |

Main Options

| | |
|-------------------------|----------------------|
| 500-sheet paper tray | 250 sheet paper tray |
| Cabinet | Wireless interface |
| Bluetooth | |
| Counter interface | |
| DOS (certified version) | |
| Copy Data Security Unit | |
| Fax option | |
| Fax Connection Unit | |
| Unicode Font Package | |
| OCR Unit | |
| XPS direct print | |
| Enhanced security HDD | |
| NFC Card Reader | |



| Model | Nashuatec MP 305+SFF | Kyocera ECOSYS FS-6530MFP | Advantages |
|--------------------------|----------------------------------|------------------------------|--|
| Segment | | | |
| Model Type | A4/A3 hybrid B&W MFP | A3 B&W MFP | |
| Functionality | | | |
| Copier | Std | Std | |
| Printer | Std | Std | |
| Scanner | Std | Std | |
| Fax | Std | Opt | MP 305+SFF includes fax as standard ★ |
| Physical | | | |
| Dimensions (HxWxD) | 505 x 350 x 460 mm | 694 x 590 x 590 mm | |
| Footprint | 0.161 m ² | 0.348 m ² | Ultra-compact, needs 53% less space ★ |
| Weight | 32 kg | 52 kg | |
| Control Panel | 10.1" touchscreen | 4.3" touchscreen | Larger, easier to use control panel ★ |
| Performance | | | |
| Warm-up Time | 27 sec | 20 sec | |
| First Page | 4.9 sec | 7.8 sec | Urgent one-off prints ready sooner ★ |
| Multi Page | 30 ppm | 30 ppm | Typical 5 page job produced faster ★ |
| Duty Cycle | 20,000 impressions | 100,000 impressions | |
| Paper Supply | | | |
| Stations (std/max) | 1/2 | 1/4 | |
| Capacity (std/max) | 250/750 sheets | 500/1,600 sheets | |
| Paper Weights | 60 to 105 gsm | 60 to 163 gsm | |
| Paper Sizes | A6 to A3 | A5 to A3 | |
| Document Handling | | | |
| Document Feed | Std ARDF | Std RADF | |
| Capacity (spd/cap) | 30 opm/50 orig | 20 opm/50 orig | Faster ARDF speeds copying and scanning |
| Duplex | Std | Std | |
| Bypass (cap/wght) | 10/52-163 gsm | 100/45-256 gsm | |
| Printer | | | |
| PDL | PCL & PS3 (std) | PCL, PS3, XPS (std) | |
| Resolution | 600 x 600 dpi | 600 x 600 dpi | |
| Memory | 2GB RAM, 320GB HDD (std) | 1 GB RAM (std)/4GB SSD (opt) | Can run embedded workflow solutions |
| Interface | Ethernet (std) / Bluetooth (opt) | Ethernet (std) | |
| Scanner | | | |
| Speed (col/mon) | 30/30 ipm | 20/40 ipm | Scans in colour without slowing |
| TWAIN Compatible | Yes | Yes | |
| Scan Destinations | | | |
| E-mail | Yes | Yes | |
| FTP | Yes | Yes | |
| HDD | Yes | No | Store documents using the integral document server |
| URL | Yes | No information | Recipients can download documents at their convenience |
| Facsimile | | | |
| Multiple Lines | No | No | |
| Dual Access | Yes | Yes | |
| Environment | | | |
| TEC Value | 1.7 kWh | No information | Lower energy consumption reduces carbon emissions |
| Noise level | 52.7 dB | 47.1 dB | |

Main Options

| | |
|-------------------------|--------------------------|
| 500-sheet paper tray | 500 sheet paper tray |
| Cabinet | 2 x 500 sheet paper tray |
| Bluetooth | Bridge |
| Counter interface | 500 sheet finisher |
| DOS (certified version) | Cabinet |
| Copy Data Security Unit | Card reader bracket |
| Fax option | Fax |
| Fax Connection Unit | Gigabit Ethernet |
| Unicode Font Package | 256 MB / 1 GB RAM |
| OCR Unit | 4 GB SSD |
| XPS direct print | Barcode printing |
| Enhanced security HDD | Card reader |
| NFC Card Reader | ThinPrint support |



| Model | Nashuatec MP 305+SFF | Kyocera ECOSYS FS-6525MFP | Advantages |
|--------------------------|----------------------------------|------------------------------|--|
| Segment | | | |
| Model Type | A4/A3 hybrid B&W MFP | A3 B&W MFP | |
| Functionality | | | |
| Copier | Std | Std | |
| Printer | Std | Std | |
| Scanner | Std | Std | |
| Fax | Std | Opt | MP 305+SFF includes fax as standard ★ |
| Physical | | | |
| Dimensions (HxWxD) | 505 x 350 x 460 mm | 694 x 590 x 590 mm | |
| Footprint | 0.161 m ² | 0.348 m ² | Ultra-compact, needs 53% less space ★ |
| Weight | 32 kg | 52 kg | |
| Control Panel | 10.1" touchscreen | 4.3" touchscreen | Larger, easier to use control panel ★ |
| Performance | | | |
| Warm-up Time | 27 sec | 20 sec | |
| First Page | 4.3 sec | 7.8 sec | Urgent one-off prints ready sooner ★★ |
| Multi Page | 30 ppm | 25 ppm | 20% more productive on longer runs ★★ |
| Duty Cycle | 20,000 impressions | 80,000 impressions | |
| Paper Supply | | | |
| Stations (std/max) | 1/2 | 1/4 | |
| Capacity (std/max) | 250/750 sheets | 500/1,600 sheets | |
| Paper Weights | 60 to 105 gsm | 60 to 163 gsm | |
| Paper Sizes | A6 to A3 | A5 to A3 | |
| Document Handling | | | |
| Document Feed | Std ARDF | Std RADF | |
| Capacity (spd/cap) | 30 opm/50 orig | 20 opm/50 orig | Faster ARDF speeds copying and scanning |
| Duplex | Std | Std | |
| Bypass (cap/wght) | 10/52-163 gsm | 100/45-256 gsm | |
| Printer | | | |
| PDL | PCL & PS3 (std) | PCL, PS3, XPS (std) | |
| Resolution | 600 x 600 dpi | 600 x 600 dpi | |
| Memory | 2GB RAM, 320GB HDD (std) | 1 GB RAM (std)/4GB SSD (opt) | Can run embedded workflow solutions |
| Interface | Ethernet (std) / Bluetooth (opt) | Ethernet (std) | |
| Scanner | | | |
| Speed (col/mon) | 30/30 ipm | 20/40 ipm | Scans in colour without slowing |
| TWAIN Compatible | Yes | Yes | |
| Scan Destinations | | | |
| E-mail | Yes | Yes | |
| FTP | Yes | Yes | |
| HDD | Yes | No | Store documents using the integral document server |
| URL | Yes | No information | Recipients can download documents at their convenience |
| Facsimile | | | |
| Multiple Lines | No | No | |
| Dual Access | Yes | Yes | |
| Environment | | | |
| TEC Value | 1.7 kWh | No information | Lower energy consumption reduces carbon emissions |
| Noise level | 52.7 dB | 46.8 dB | |

Main Options

| | |
|-------------------------|--------------------------|
| 500-sheet paper tray | 500 sheet paper tray |
| Cabinet | 2 x 500 sheet paper tray |
| Bluetooth | Bridge |
| Counter interface | 500 sheet finisher |
| DOS (certified version) | Cabinet |
| Copy Data Security Unit | Card reader bracket |
| Fax option | Fax |
| Fax Connection Unit | Gigabit Ethernet |
| Unicode Font Package | 256 MB / 1 GB RAM |
| OCR Unit | 4 GB SSD |
| XPS direct print | Barcode printing |
| Enhanced security HDD | Card reader |
| NFC Card Reader | ThinPrint support |



| Model | Nashuatec MP 305+SFF | Konica Minolta bizhub 224e | Advantages |
|--------------------------|----------------------------------|----------------------------|--|
| Segment | | | |
| Model Type | A4/A3 hybrid B&W MFP | A3 B&W MFP | |
| Functionality | | | |
| Copier | Std | Std | |
| Printer | Std | Std | |
| Scanner | Std | Std | |
| Fax | Std | Opt | MP 305+SFF includes fax as standard |
| Physical | | | |
| Dimensions (HxWxD) | 505 x 350 x 460 mm | 922 x 615 x 686 mm | |
| Footprint | 0.161 m ² | 0.422 m ² | Ultra-compact, needs 62% less space ★ |
| Weight | 32 kg | 76 kg | |
| Control Panel | 10.1" touchscreen | 9" touchscreen | Larger, easier to use control panel ★ |
| Performance | | | |
| Warm-up Time | 27 sec | 18 sec | |
| First Page | 4.9 sec | 6.9 sec | |
| Multi Page | 30 ppm | 22 ppm | |
| Duty Cycle | 20,000 impressions | 100,000 impressions | Urgent one-off prints ready sooner 36% more productive on longer runs ★ |
| Paper Supply | | | |
| Stations (std/max) | 1/2 | 2/5 | |
| Capacity (std/max) | 250/750 sheets | 1000/3,650 sheets | |
| Paper Weights | 60 to 105 gsm | 52 to 256 gsm | |
| Paper Sizes | A6 to A3 | A5 to SRA3 | |
| Document Handling | | | |
| Document Feed | Std ARDF | Opt RADF or DSPF | ARDF included as standard ★ |
| Capacity (spd/cap) | 30 opm/50 orig | 80 opm/100 orig | |
| Duplex | Std | Std | |
| Bypass (cap/wght) | 10/52-163 gsm | 150/60-300 gsm | |
| Printer | | | |
| PDL | PCL & PS3 (std) | PCL, PS3, XPS (std) | |
| Resolution | 600 x 600 dpi | 1200 x 1200 dpi | |
| Memory | 2GB RAM, 320GB HDD (std) | 2GB RAM, 250GB HD (std) | |
| Interface | Ethernet (std) / Bluetooth (opt) | Ethernet (std) | |
| Scanner | | | |
| Speed (col/mon) | 30/30 ipm | 80/80 ipm | |
| TWAIN Compatible | Yes | Yes | |
| Scan Destinations | | | |
| E-mail | Yes | Yes | |
| FTP | Yes | Yes | |
| HDD | Yes | Yes | |
| URL | Yes | No | Recipients can download documents at their convenience |
| Facsimile | | | |
| Multiple Lines | No | Opt | |
| Dual Access | Yes | Yes | |
| Environment | | | |
| TEC Value | 1.7 kWh | 1.33 kWh | |
| Noise level | 52.7 dB | 67.6 dB | Near-silent operation improves work environment ★ |

Main Options

| | |
|-------------------------|--------------------------|
| 500-sheet paper tray | Platen cover |
| Cabinet | DSPF or RADF |
| Bluetooth | 500 sheet paper tray |
| Counter interface | 2 x 500 sheet paper tray |
| DOS (certified version) | 2,500 sheet paper tray |
| Copy Data Security Unit | Catch tray |
| Fax option | Finisher |
| Fax Connection Unit | Internal finisher |
| Unicode Font Package | Saddle stitch finisher |
| OCR Unit | Job separator |
| XPS direct print | Fax |
| Enhanced security HDD | 3rd and 4th fax line |
| NFC Card Reader | Searchable PDF |
| | PDF encryption |
| | ThinClient support |



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