Samsung Multifunction

# SMART MultiXpress

K7600 | K7500 | K7400 Series




**SMARTIFY YOUR BUSINESS.**
PRINTING INNOVATION.

SAMSUNG

# GO BEYOND YOUR WORK CAPABILITIES WITH **SMART PRINT INNOVATION**

Take business performance to a new level with smart printing



## A3 printer market trends

At Samsung we recognize that the print needs of every organization varies, but consistently businesses require fast and reliable devices that keep pace with their business. This is most notable in vertical markets, such as professional service organizations, financial institutions, insurance companies, and government and public service agencies, comprise a large market share due to their high average monthly print volume (AMPV).

These high-print-volume vertical markets all demand the same key requirements when choosing multifunction printers (MFPs). Fast, high-quality deliverables are essential to any business in order to enhance productivity and project a professional image to customers. Reliability is also vitally important to ensure high productivity and efficiency by minimizing equipment failures and providing an agile response when needed. In addition, scalability with software tailored to specific business needs is a key factor in succeeding in the ever-changing business environment.

### Samsung's flagship A3 mono multifunction printers (MFPs)

## SMART MultiXpress K7000LX Series

These powerful K7000LX series of MFPs are specifically designed to respond to the growing A3 printer market trend, boasting smart usability that enables businesses to work faster and more efficiently with intuitive, user-friendly controls. Equipped with high-performance, cost-efficient features and embedded security, Samsung K7000LX series MFPs meet the demands of businesses that depend on high-volume printing with low total cost of ownership (TCO).

**SL-K7000LX Series:**



**K7600LX** (60 ppm)



**K7500LX** (50 ppm)



**K7400LX** (40 ppm)

# Weigh the advantages of K7000LX series printers

## Do more twice as fast

- 1.5 GHz quad-core CPU, enabling 2X faster print speeds compared to a dual-core CPU*
- Up to 160 images per minute (ipm) using a Dual-Scan Document Feeder (DSDF)
- 1,200 dpi high resolution for quality output
- Next-generation toner technology for superb finishes
- Rendering Engine for Clean Page (ReCP) technology for sharp images

## Work Smarter

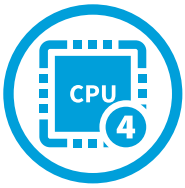
- Smart UX Center powered by Android™ on the 90-degree pivoting screen for full-page previewing
- Custom Launcher and Printing App Center
- Wireless option with Active NFC

## Put your mind at ease

- Robust maximum monthly duty (up to 300K)
- Samsung Smart Printer Diagnostic System (SPDS) app, providing the ability to fix printing issues
- Samsung eXtensible Open Architecture (XOA), providing customized printing solutions to maximize efficiency and security

* Based on laboratory testing. Tested file is based on the standard ISO/IEC test file.

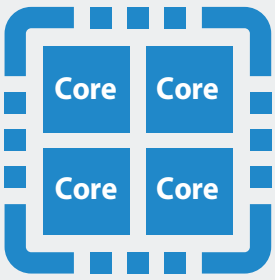
# GET YOUR JOBS DONE **2X FASTER IN SUPERB QUALITY**




Print every second (Processing)

## Powerful quad-core CPU

The Samsung MultiXpress K7000LX series of MFPs boasts a quad-core 1.5 GHz CPU with System-on-Chip (SoC) technology, delivering high-performance interpreting and rendering emulation. This robust CPU provides the power and capacity to accomplish print and copy tasks of virtually any size or complexity swiftly, as fast as a print every second. As a result, businesses can run much more productively and efficiently using high-performance, high-speed K7000LX series MFPs.




**QUAD-CORE**
**1.5 GHz CPU**



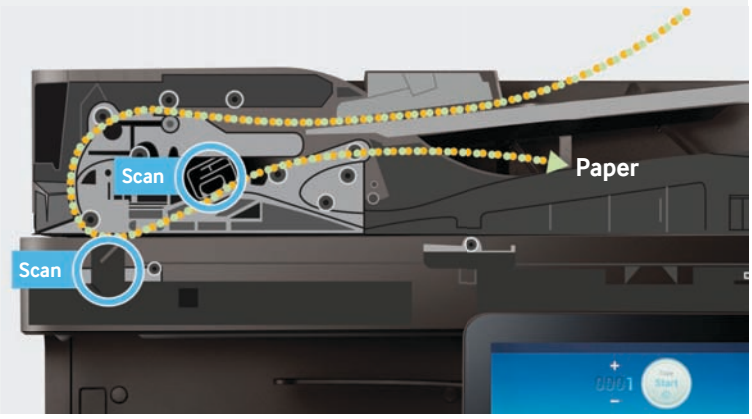
Get sharper-quality print output

## Fast and Efficient dual scanning

The K7000LX MFPs deliver incredible document scanning speeds with a Dual-Scan Document Feeder (DSDF) feature, which scans both sides of a document at the same time. These workhorse printers can dual-scan up to 160 ipm, six times that of other printers, which typically scan at 36 ipm. This blazing-fast scan speed equates to you being much more efficient with your time.

**Dual Scan**

*Ultra-fast dual scan*
*Up to 160 ipm*




Work more efficiently

## Enhanced productivity with variable options

Various options are available to boost productivity, including a 2,250-sheet booklet finisher and a 3,250-sheet high-volume finisher that automatically staples up to 65 sheets, for high-volume document handling. An inner finisher can separate, collate and staple up to 50 sheets. Various punch kits are also available. Maximize your efficiency with a side and bottom High-Capacity Feeder (HCF) to get a paper capacity of up to 6,140 pages.

Get clear results with micro-rendering (Rendering)

## Crisp 1,200 x 1,200 dpi resolution

Samsung K7000LX MFPs are equipped with a high-quality Laser Beam Scanning Unit (LSU) that produces consistently sharp output. Using micro-rendering to smooth out rasterized edges and a 1,200 × 1,200 dpi resolution, the K7000LX MFPs provide crisp printouts every time. That equates to two times the resolution of typical printers. When the printed materials look good, the company looks good.

Professional looking output (Printing)

## The next-generation toner technology for superb finishes

Samsung uses advanced chemistry in its toner cartridges to ensure the best finishes possible for every printout. Using its next-generation polymerized toner development, Samsung has achieved a nine percent reduction in fixation temperature, which means toner adhesion can be accomplished at a lower temperature, from 170°C (338°F) down to 155°C (311°F). A lower fixation temperature translates to lower energy consumption.

Get cleaner output

## Rendering Engine for Clean Page (ReCP)

Samsung's unique ReCP technology delivers quality output with clear text and images, ensuring a quality printout ensuring consistently professional-looking results. The innovative technology automatically sharpens the focus of both graphics and text, resulting in clean-looking printouts.

# **WORK SMARTER** WITH AN INTUITIVE USER EXPERIENCE

Work SMART, just like on a tablet

## User-friendly Samsung SMART UX Center on a 90-degree pivoting screen

Samsung K7000LX MFPs are designed with the smart-generation users in mind, boasting the industry's first Android-based printing UX. The Samsung SMART UX Center functions just like a tablet with an intuitive touch-to-print display screen for easy use and is compatible with various Android-based devices. Included are custom widgets for creating instant, one-tap access to frequently used functions. This customizable user interface (UI) further simplifies operation and can be shared with various fleets.

For enhanced usability, Samsung's unique display pivots 90 degrees for full-page portrait or landscape viewing. This innovative feature enables users to easily review and edit their documents before printing without zooming or having to return to their PCs. In addition, applications, such as Hancom Office®, support the horizontal view mode and edits of Microsoft® Office® Word, PowerPoint® and Excel® documents.

Samsung's new Smart Workspace lets users complete jobs with their preferred UI, address book and files from their location. The workspace can even be personalized to suit individual needs with preloaded applications and widgets for one-tap access to frequently used functions.



Enjoy your own SMART UX with various apps

## Custom launcher and Samsung Printing App Center

As your needs change, the Smart UX Center changes with you, thanks to its app-based extensibility. You can add the company logo and custom widgets for one-click access. The Auto Start option lets you execute a function with just one touch, simplifying workflow.

Samsung's new Printing App Center enables users to easily set up the printers by simply downloading essential apps from the app center's web portal.

- **Workbook Composer:** Exports multiple selected areas automatically
- **HanCom Office®:** Enables viewing and editing of Microsoft® Office® and Hangul Word Processor (HWP) files directly at the printer
- **Smart Color Manager:** Manages color settings at the printer
- **Launcher:** Streamlines basic copy, scan or fax jobs with easy widgets
- **Smart Service:** Facilitates printer troubleshooting




Tap to print with NFC technology

## Wireless option with NFC Pro*

Just when it seemed printing couldn't get any more convenient, users can now connect and print with ease using Samsung's K7000LX MFPs with advanced NFC technology. Simply tap, then print, scan or fax documents from any NFC-supported mobile device. The wireless option with NFC Pro provides user authentication through a mobile device, easy wireless setup and device cloning with Samsung MobilePrint Control and Samsung MobilePrint Manager apps.



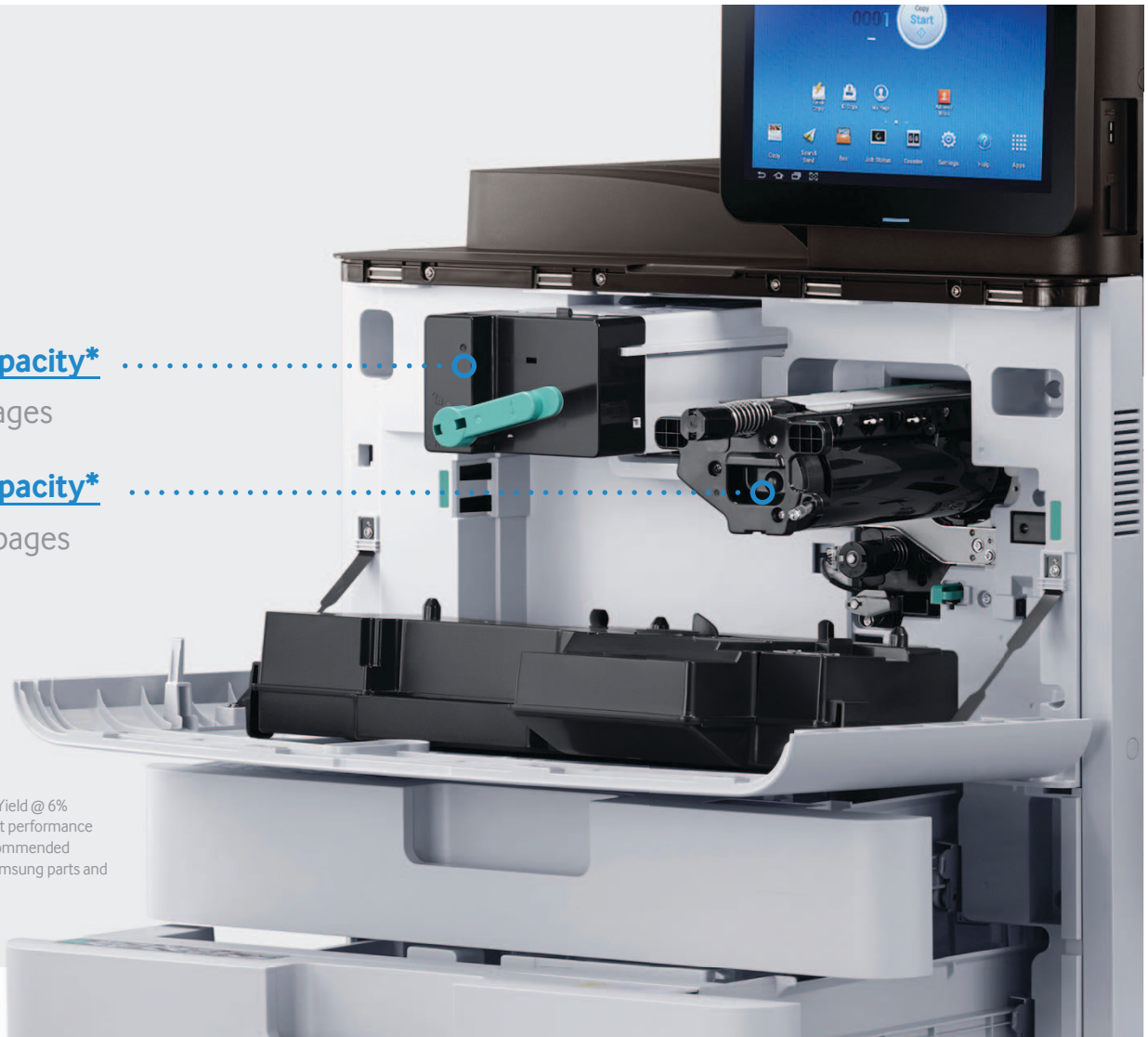

* NFC Pro is available as an option (SL-NWE001X and SL-NWE002X). It works with Android 4.0 and above.

# PUT YOUR MIND AT EASE FROM DOWNTIME AND TROUBLESHOOTING

Reduce costs with high durability

## Robust maximum monthly duty (up to 300K)

The Samsung K7000LX series MFPs boast a robust maximum monthly duty, delivering high durability and ensuring cost reduction and freedom from trivial work typically spent changing toner cartridges, drums and developer.



**Toner Capacity***

45,000 pages

**Drum Capacity***

450,000 pages

* Estimated Toner Yield @ 6% coverage. For best performance and yield, we recommended using genuine Samsung parts and consumables.

Diagnose print issues on the go

## Easy-to-use Samsung Smart Printer Diagnostic System (SPDS)

Printer failures are never welcome occurrences. But when they happen while you are away from the office or pressed for time, they are that much more frustrating. With Samsung SPDS-equipped K7000LX MFPs, downtime is minimized. SPDS is a smartphone app that's a service tool for diagnosing printer failures. It can also send preemptive alerts to smartphones, addressing issues before they occur. The app provides the latest information on Samsung MFPs in real time, using pictures and videos of its components, as well as measurement guides, to simplify troubleshooting, even for those with little technical knowledge. The ability to solve printer issues quickly without a service technician saves time and costs.

Ensure a more secure print operation

## XOA output management (security) solutions

Samsung's XOA platform provides customized enterprise solutions for integration with our K7600 MFPs to satisfy specific business requirements. Our output management solutions provide cost-effective, more secure print operations. SecuThru™ Lite 2 enhances document security and reduces costs with user authentication. The Usage Tracker controls printing expenses by easily tracking device functions.

Increase productivity with simplified management

## XOA document management (productivity) solutions

Samsung's document management solutions increase productivity and provide easy management along with security and efficiency. The solutions consist of SmarThru™ Workflow Lite, which increases productivity with its cost-saving automated workflow solution. Also included is the Secure Login Manager, which safeguards valuable data and devices from unauthorized use. Plus, Cloud Connector provides easy, more secure access for scanning to and printing from the cloud.




Lower IT fleet management costs

## Fleet management solution

For businesses that have fleets of printing devices, Samsung provides a cloud-based fleet management solution for lowering IT department management costs. Business Pro Printing Solutions™ reduce TCO by increasing productivity with simple management. IT departments can monitor, maintain, service and supply an entire infrastructure of printers and MFPs remotely. Managers can create status alerts and receive notifications when alerts occur multiple times. Hundreds of thousands of devices can be easily managed and integrated into Enterprise Resource Planning (ERP) solutions from one server. Plus, customized reports can be created and distributed to key personnel on a regular basis.

# CUSTOMIZE YOUR MFP WITH **FLEXIBLE PART OPTIONS**

## Configure with your needs in mind

Samsung offers a wide variety of options that enable the printers to handle more documents, faster, adding value to the K7000LX series MFPs by enhancing productivity. Options include a high-volume finisher that staples up to 65 sheets and a 25-sheet booklet finisher that assembles a 100-page booklet. Plus, each finisher conveniently comes equipped with the stapler. A high-class Wi-Fi protocol option, which supports an additional 5 GHz compared with a typical 2.4 GHz speed, enables users to transmit high volume data with reliable performance.

## Configurations & Options

Factory Configured
Optional

### Paper Output Option

**Job Separator**
SL-JST501S



**Inner Finisher**
SL-FIN502L



OR

**High-volume Finisher**
SL-FIN701H



**Booklet Finisher**
SL-FIN701B



OR

**Staples**
(Inner, Booklet)
SCX-STP000

**Staples**
(Main for Booklet)
SL-STP000

OR

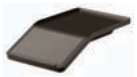
**Punch Kit**
(Inner)
SL-HPU501T

**Punch Kit**
(Booklet)
SL-HPU701T

**80/160 IPM DSDF** (LX model)



**Multipurpose Table**
SL-WKT101



**Wireless/NFC Kit**
SL-NWE002X, SL-NWE001X



**Additional Network Kit**
SL-NWA001N



**FDI Kit**
CLX-KIT10F



**Fax Kit**
CLX-FAX160



**Dual Fax Kit**
SL-FAX2501



**Cassette Locking Kit**
SL-CLK501



### Paper Input Option

**DCF**
SL-PFP501D



OR

**HCF**
SL-HCF501B



**HCF-Side**
SL-HCF501S



* HCF-side is not compatible with the Cabinet, SL-DSK501T.

# SAMSUNG MultiXpress

## K7600LX | K7500LX | K7400LX Series

Technical details made to support your business

### General Specifications

| | |
|---|---|
| Speed | - K7600LX A4 60 ppm A3 31 ppm<br>- K7500LX A4 50 ppm A3 26 ppm<br>- K7400LX A4 40 ppm A3 21 ppm |
| Processor | 1.5 GHz Quad core |
| Memory | 6 GB (2 GB for Android OS) |
| HDD | 340 GB |
| Operational Panel | 10.1" TFT LCD with Initial Cap Touch, Multitouch, Resolution: 960 x 600 |
| Interface | High-speed USB 3.0,<br>Ethernet 10/100/1,000 BaseTX,<br>IEEE® 802.11 b/g/n (optional) |
| Duty Cycle, Monthly | - K7600LX: 300,000 Pages<br>- K7500LX: 250,000 Pages<br>- K7400LX: 200,000 Pages |
| Dimensions (W x D x H) | - LX Series<br>585 x 670 x 1,139.9 mm (w/ stand)<br>(23 x 26.4 x 44.9 in.) |
| Weight | - LX Series: 84.3 kg |
| Network Protocols | IP Management (DHCP, BOOTP, AutoIP, SetIP, Static) / Discovery Protocol (SLP, UPnP, Bonjour®, DNS, WINS) / Printing Protocol (TCP / IP, LPR, IPP, WSD) / Management Protocol (SNMPv1.2, SNMP3, SMTP, Talnet) / Scan Protocol (SMTP, FTP, SMB, WSD) / Security Protocol (SMB, Kerberos™, LDAP, IPsec, EAP) |
| Network Security | SSL / TLS, IPsec, SNMPv3, Protocol & Port Management, IPv6, IP / MAC Filtering, IEEE 802.1x support (optional) |
| OS Compatibility | [Windows®]<br>- Windows XP (32/64 bit) / 2003 (32/64 bit) / Vista® (32/64 bit) / 2008 / Win7 / 2008 R2 (64 only) / Win8 / 2012 / Win8.1 / 2012 R2<br>[Linux®]<br>- Red Hat Enterprise Linux® WS 5, 6 (32/64 bit)<br>- Fedora 12, 13, 14, 15, 16, 17, 18, 19, 20 (32/64 bit)<br>- OpenSuSE 11.2, 11.3, 11.4, 12.1, 12.2, 12.3, 13.1 (32/64 bit)<br>- Ubuntu® 10.04, 11.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04 (32/64 bit)<br>- SuSE Linux Enterprise Desktop 10, 11 (32/64 bit)<br>- Debian™ 6, 7 (32/64 bit)<br>- Mint 13, 14, 15, 16 (32/64 bit)<br>[Mac]<br>- Mac OS® X 10.6 - 10.10 |
| Power Consumption | 2.0 W (Sleep) / 60 W (Ready) / 1.3 kWh (Max) |

### Print Specification

| | |
|---|---|
| Print Speed(A4) | - K7600LX: 60 ppm<br>- K7500LX: 50 ppm<br>- K7400LX: 40 ppm |
| Resolution | 1,200 x 1,200 dpi (optical)<br>9,600 x 600 dpi (enhanced) |
| Print language | PCL5, PCL6 (XL), PostScript Level 3, PDF 1.7, XPS |

### Paper Handling

| | |
|---|---|
| Paper Capacity | (Std) 1,140 Sheets / (Max) 6,140 Sheets |
| Media Size | - MP Tray: 98 x 148 mm - 320 x 457 mm (3.87 x 5.8 - 12.6 x 18 in.)<br>- Tray 1: 98 x 148 mm - 297 x 390 mm<br>- Tray 2: 148 x 210 mm - 320 x 457 mm (5.8 x 8.2 - 12 x 18 in.) |
| Media Type | - MP Tray: Plain Paper, Thin Paper, Thick Paper, Bond, Punched, Preprinted, Recycled, Letterhead, Cotton, Colour, Archive, Cardstock, Label, Transparency, Envelope<br>- Tray 1, 2: Plain Paper, Thin Paper, Thick Paper, Bond, Punched, Preprinted, Recycled, Letterhead, Cotton, Colour, Archive, Cardstock, Label, Envelope (Tray1 Only) |
| Media Weight | - MP Tray: 60 - 325 g/m²: Simplex<br>- Tray 1, 2: 60 ~ 300 g/m²<br>60 ~ 256 g/m²: Duplex |
| ADF Document Size | Ledger / Letter / Legal / Oficio / Folio / A3 / A4 / JIS B5 / ISO B5 / Executive / A5 / A6 / Statement / Custom |

### Copy Specification

| | |
|---|---|
| First Copy Out Time | - K7600: 3.1 sec<br>- K7500: 3.7 sec<br>- K7400: 4.6 sec |
| Resolution | Up to 600 x 600 dpi |
| Zoom Rate | 25% - 400% |
| Multi Copy | Up to 9,999 |
| Copy Features | Proof Copy / N-Up / ID Card Copy / Poster Copy / Image Repeat / Booklet / Covers / Transparencies / Book Copy / Interrupt Copy / Erase Edge / Save to File |

### Scanner Specification

| | |
|---|---|
| Speed | - LX Series: 80/160 ipm |
| Compatibility | Network TWAIN, Network SANE |
| Scan File Formats | PDF / Compact PDF / Searchable PDF / JPEG / XPS / TIFF-S / TIFF-M / TIFF |
| Resolution | 600 x 600 dpi (Optical),<br>4,800 x 4,800 dpi (Enhanced) |
| Destination | Email, FTP, SMB, BOX, USB, WSD, PC |

### Fax Specification (Optional)

| | |
|---|---|
| Modem Speed | 33.6 Kbps |
| Compatibility | ITU-T G3, Super G3 |
| Resolution | 203 x 98 dpi (Std), 203 x 196 dpi (Fin),<br>300 x 300 dpi (Super-fine),<br>600 x 600 dpi (Ultra-fine) |
| Fax Functions | TTI / RTI / Auto Reduction / Multi-send (Same as Group Dial Capacity) / Delayed Send / Memory RX / Secure Rx (<-secure TX) / Time Secured Fax |
| Max. Line | 2nd lines |

### Options

#### Double Cassette Feeder (SL-PFP501D)

| | |
|---|---|
| Capacity | 1,040 Sheets (520 Sheets x 2) |
| Media Sizes | 140 x 210 mm - 320 x 457 mm<br>(5.5 x 8.2 in. - 12 x 18 in.) |
| Media Types | Plain Paper, Thin Paper, Thick Paper, Punched Paper |
| Media Weight | 60 to 300 gsm |
| Sensing | H/W Install Detect, Paper Empty & Low Level Detect, Paper Size Detect |

#### High-capacity Feeder - Bottom (SL-HCF501B)

| | |
|---|---|
| Capacity | 2,000 Sheets (80 g/m² / 20 lb bond) |
| Media Sizes | A4, Letter |
| Media Types | Plain Paper, Thin Paper, Thick Paper, Punched Paper |

#### High-capacity Feeder - Side (SL-HCF501S)

| | |
|---|---|
| Capacity | 3,000 Sheets @ (80 g/m²) |
| Media Sizes | A4, Letter |
| Media Types | Plain Paper, Thin Paper, Thick Paper, Punched Paper |
| Media Weight | 60 to 300 gsm |
| Sensing | H/W Install Detect, Paper Empty & Low Level Detect |

#### Inner Finisher (SL-FIN502L)

| | |
|---|---|
| Capacity | 500 Sheets Stacking, Internal |
| Staple Capacity | 5,000 Staples / Cartridge |
| Stacking | - Top Tray: 50 Sheets (A4/LT @ 80 gsm)<br>- Finishing Tray: 500 Sheets (A4/LT @ 80 gsm) |
| Output Stacking | Face Down |

#### Booklet Finisher (SL-FIN701B)

| | |
|---|---|
| Capacity | 65 Sheets Stapling / 2,000 Sheets Stacking |
| Staple Cartridge | 5,000 Staples / Cartridge |
| Stacking | - Top Tray: 250 Sheets (A4/LT @ 80 gsm)<br>- Finishing Tray: 2,000 Sheets (A4/LT @ 80 gsm) |
| Output Stacking | Face Down |

#### High-volume Finisher (SL-FIN701H)

| | |
|---|---|
| Capacity | 65 Sheets Stapling / 3,250 Sheets Stacking |
| Staple Cartridge | 5,000 Staples / Cartridge |
| Stacking | - Top Tray: 250 Sheets (A4/LT @ 80 gsm)<br>- Finishing Tray: 3,000 Sheets (A4/LT @ 80 gsm) |
| Output Stacking | Face Down |

#### Others

| | |
|---|---|
| General | Job Separator, Work Table,<br>Multipurpose Table, Tray Locking Kit |
| Network | Wireless / NFC Kit, Wireless / BLE / NFC Kit, Additional LAN Kit, FDI Kit, Fax Kit, Dual Fax Kit |
| Punch Kit | Auto change 2/3 or 2/4 hole, Swedish 4 |

### Consumable

| | |
|---|---|
| Toner Capacity* | (K) 45,000 pages |
| Drum Capacity* | (K) 450,000 pages |
| Waste Toner Container | 300,000 pages |

* Estimated Toner Yield @ 6% coverage. For best performance and yield, we recommended using genuine Samsung parts and consumables.

# LEGAL AND ADDITIONAL INFORMATION

## SMARTIFY YOUR BUSINESS.
PRINTING INNOVATION.

**In modern society,** keeping up with technology is critical to the success of any business or the productivity of any individual. The choice of technology can be the difference between survival and leadership.

As the workplace becomes more digitized and the workforce becomes more mobile, printer and copier devices must also adapt and evolve.

Printer technology and satisfaction lag the electronics innovation most employees expect. Nor has there been any major entrant to help shake change.

Until now.

Samsung is applying its ingenuity to develop breakthrough printing solutions that ignite productivity. Only Samsung has the electronics expertise to design and build a printer that fits the way society works today.

Printing for the modern world has arrived.

**Samsung is printing innovation.**

**For more information about Samsung Printing Solutions,**
visit www.samsung.com/PrintingInnovation

## About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies, redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems and semiconductors. We are also leading in the Internet of Things space through, among others, our Digital Health and Smart Home initiatives. We employ 307,000 people across 84 countries. To discover more, please visit our official website at www.samsung.com and our official blog at global.samsungtomorrow.com.

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