Printer Configurations

The following tables list the configurations of the Phaser 6020 and 6022 printers and the WorkCentre 6025 and 6027 MFPs.

Features	Phaser 6020	Phaser 6022
Processor Speed	525 MHz	525 MHz
Memory	128 MB	256 MB
Print Speed (A4)	10 Color / 12 BW	18 Color / 18 BW
Resolution	1200 x 2400 dpi 1bit (IOT)	1200 x 2400 dpi 1bit (IOT)
USB 2.0 Interface	Standard	Standard
USB Host	None	None
Ethernet Interface 10/100 Base-TX	None	Standard
Wireless Interface	Standard	Standard
Manual Feed Slot	None	None
Paper Tray Dust Cover	Standard	None
Paper Tray (150 Sheets)	Standard	None
Paper Cassette (150 sheets)	None	Standard

Features	WorkCentre 6025 Color MFP	WorkCentre 6027 MFP
Processor Speed	525 MHz	525 MHz
Memory	256 MB	512 MB
Print Speed (A4)	10 Color / 12 BW ppm	18 Color / 18 BW ppm
Copy Speed (A4)	2.5 Color / 10 BW cpm	8 Color / 18 BW cpm
Print Resolution	1200 x 2400 dpi 1bit (IOT)	1200 x 2400 dpi 1bit (IOT)
Scan/Copy Resolution - platen Scan/Copy Resolution - ADF IIT resolution (Platen)	600 x 600 dpi max Not Applicable 1200 x 1200 dpi max	600 x 600 dpi max 600 x 300 dpi max 1200 x 1200 dpi max
USB 2.0 Interface	Standard	Standard
USB Host	Standard (front)	Standard (front)
Ethernet Interface 10/100 Base-TX	None	Standard
Wireless Interface	Standard	Standard
Fax	None	Standard
Automatic Document Feeder	None	Standard (15 sheets)
Bypass Sheet Feeder (10 sheets)	Standard	None
Paper Tray (150 Sheets)	Standard	None
Paper Cassette (150 sheets)	None	Standard

Specifications

Printer Specifications

Characteristic	Specifications
Printing Technology	LED xerography
Printer Life	5 years from the start of use, or 30 kPV using LTR/A4, or total number of platen scan + ADF scan reaches 40k.
Warm-Up Time	6020 28s or less to Ready Mode 6022 28s or less to Ready Mode 6025 32s or less to Ready Mode 6027 35s or less to Ready Mode
Power Saver Mode 1 (low power)	The default setting is 5 minutes. Use the Printer Settings Utility to change the default setting from 5 to 60 minutes.
Power Saver Mode 2 (sleep)	The default setting is 6 minutes. Use the Printer Settings Utility to change the default setting from 1 to 60 minutes.
Resolution	1200 x 2400 dpi 1bit (IOT) 600 x 600 dpi 2bit (Firmware) 600 x 600 dpt 8bit (Printer Driver)
Paper Tray (150 Sheets) Paper Cassette (150 Sheets)	Standard (Phaser 6020 and WorkCentre 6025 MFP) Standard (Phaser 6022 and WorkCentre 6027 MFP)
Bypass Tray (10 Sheets) Paper Tray Dust Cover (0 Sheets)	Standard (WorkCentre 6025) Standard (Phaser 6020)
External Interfaces	
USB 2.0 (WorkCentre 6025/6027 MFP)	Connector Type: One Type B Protocol: USB 1.1; Hi-speed USB 2.0 compatible
Ethernet (Phaser 6022 and WorkCentre 6027 MFP Only)	Connector Type: One RJ-45 connector 10 BASE-T/100 BASE-TX compatible
Wireless	Compliant Standard: IEEE802.11b/g/n Security Protocol: WEP (64/128bits), WPA-PSK (TKIP, AES), WPA-2PSK (AES) Certifications: WiFi, WiFi Direct, WPA, WPA2.0 WiFi Protected Setup (WPS): Push Button Configuration (PBC), Personal Identification Number (PIN)
FAX Connection Terminal (WorkCentre 6027 MFP Only)	Connection to public line (FAX line): RJ11 modular jack (2-wire) Terminal for external telephone: RJ11 modular jack (2-wire) Terminal to connect handset: Not provided.
Supported Operating Systems	
Mac	Mac OS X 10.5.8, 10.6.x, 10.7.x, 10.8.x, 10.9.x
Windows	Windows 8/8.1(32/64 bit), Windows 7 (32/64 bit), Vista (32/64 bit), Windows XP, 2003 Server (32/64 bit), 2008/2008R2 Server (32/64 bit), 2012/2012R2 Server (32/64 bit)
Linux (32 and 64 bit versions)	-Red Hat Enterprise Linux Desktop (32/64 bit) -SUSE Linux Enterprise Desktop 11 (32/64 bit) -Ubuntu 12.04 (32/64 bit)

Characteristic	Specifications
Memory Specifications	**Memory**
6020/6022	Main Memory: 128/256MB
6025/6027	Main Memory: 256/512 MB
Print Speed	**Black/ White** **ppm (A4)**
Phaser 6020	CLR: Print Speed 10 ppm (A4) B/W: Print Speed 12 ppm (A4)
Phaser 6022	CLR: Print Speed 18 ppm (A4) B/W: Print Speed 18 ppm (A4)
WorkCentre 6025 MFP	CLR: Print Speed 10 ppm (A4) B/W: Print Speed 12 ppm (A4)
WorkCentre 6027 MFP	CLR: Print Speed 18 ppm (A4) B/W: Print Speed 18 ppm (A4)

Copy Specifications

Characteristic	Specifications
Auto Exposure	On/Off
Collate	Supported
Color Balance	5 Levels (RGB)
Continuous Copy Speed of Multiple-sheet Document • WorkCentre 6025 MFP • ADF Mode (cpm) (WorkCentre 6027 MFP only)	CLR: Copy Speed 5 cpm (A4) B/W: Copy Speed 12 cpm (A4) CLR: Copy Speed 8 cpm (A4) B/W: Copy Speed 18 cpm (A4)
Grey Balance	Not Supported
Lighten/Darken	5 Levels
Margin Adjustment	Top/Bottom, Left/Right, and Middle.
Multiple Up (N to 1)	Continuous 2, 4, 8, or 32 pages can be printed on one sheet of paper.
Number of Copies	1-99
Original Type	Text, Photo, Text/Photo
Poster	Not Supported
Sharpness	5 Levels
Auto Fit	Not Supported
Cloning	Not Supported
Watermarks	Documents can be printed with pre-registered watermarks.
Copy Mode			
Color (default)	The following modes are available Text/Photo (default) Photo Text

Characteristic	Specifications		
Black and White	The following modes are available Text/Photo (default) Photo Text		
Image Quality			
Resolution WorkCentre 6025 and 6027 MFP IIT WorkCentre 6027 Color MFP IIT Spec.	Platen 600 x 600 dpi max 1200x1200 dpi max 600 x 600 dpi max 1200x1200 dpi max	ADF Not applicable 600 x 300	
Auto Exposure	Data can be copied suppressing document background. On/Off can be selected.		
Color Balance	5 levels (RGB)		
Color Saturation	3 levels		
Density Adjustment	5 levels		
Sharpness	5 levels		
Magnification			
Fixed	200 %, 141 %, 122 %, 100 %, 81 %, 70 %, 50 %		
Variable	25 % to 400 % (Settable in 1 % increments)		

Scanning Specifications

Characteristic	Specifications		
Scan Mode WorkCentre 6025 and 6027 MFP ADF - WorkCentre 6027 MFP only	• Platen Mode: Scan document using the document glass. • Constant Velocity Transport (CVT) Mode: Scan document via the ADF.		
Local (USB) Scanning			
Scan Interface	TWAIN, WIA 2.0		
Resolution			
Platen Glass	600 x 600 dpi		
ADF	600 x 300 dpi		
Network Scanning			
Scan Interface	TWAIN, WIA 2.0		
Color Mode	Color, Black & White		
Original Type	Text, photo, mixed		
Lighten/Darken	5 levels		
Sharpness	3 levels		
Auto Exposure	Off, Normal, Higher(1), Higher(2)		
File Format	TIFF, JPEG, PDF		

Characteristic	Specifications

Resolution	• TWAIN: 75 x 75 to 4800 x 4800 dpi
	• WIA: 75/100/150/200/300/400/600 dpi
	• MAC ICA
	  Platen - 75/100/150/200/300/600/1200/2400/4800 dpi
	  ADF - 75/100/150/200/300/600 dpi
	• Resolutions other than the following are achieved by driver's resolution conversion.
	  200 x 200 dpi
	  300 x 300 dpi
	  600 x 300 dpi
	  1200 x 1200 dpi

File Format	JPG, TIFF, PDF
Scan to Desktop via SMB/SMB2	Supported
Scan to FTP	Supported
Scan to E-mail	Supported
E-mail Address Book	Up to 100 E-mail Addresses, and up to 10 E-mail Groups. Addresses are stored in device memory. Each E-mail Group may have up to 10 addresses associated with it.
Maximum Scanning Area			
Document Glass (Letter)	215.9 mm x 297 mm (8.5 in. x 11.7 in.)
ADF (WorkCentre 6027 MFP only)	215.9 mm x 355.6mm (8.5 in. x 14 in.)
Scanning Halftone Level	
Output from the CCD has the following halftone levels.	B/W: 1 bit for Line art and 8 bit for Grayscale. Color: 24 bit.
Platen	
Document Setting Reference Position	Left rear corner as viewed from printer front.
Document Glass Size	220 mm x 300 mm (8.66 in. x 11.8 in.) (Flat glass area)
ADF	
Resolution (Line Density in Fast Scan Direction)	600 x 300 dpi
Document Thickness	60 g/m^2 to 105 g/m^2
Capacity	15 sheets (plain paper)

Fax Specifications (WorkCentre 6027 Color MFP)

Characteristic	Specifications
Communication Mode	Priority 1: ITU-T Super G3 Priority 2: ITU-T G3 ECM Priority 3: ITU-T G3
DirectFAX	Supported

Characteristic	Specifications
Facsimile Communication Network (FAX NET)	Not supported
Fax Send/Receive Buffer	2 MB
Supported Network	PSTN, PBX Note: The printer can not be connected to an ISDN network.
Supported Protocols	• V. 34 (Max.33.6 kbps) • V. 17 (14.4/12/9.6/7.2 kbps) • V. 29 (9.6/7.2 kbps) • V. 27ter (4.8/2.4 kbps)
Transfer	If the machine cannot print received FAX data because of printer trouble, or when the user specifies transfer of received data, received data is automatically sent to a pre-registered machine. Settings: OFF, Forward only, or Print & Forward.
Walk-up Fax			
Incoming Call Control	Telephone Mode, Auto Receive, Fax, Tel/Fax, Ans/Fax, DRPD
Color Fax	Not supported
Resolution	Standard, Fine, Super Fine, and Ultra Fine
Compression Method	B/W: 1bit, JBIG, MMR, MR, MH encoding Color: Not supported
DM Protection	Rejects junk Fax
Polling Receive	Auto, Manual
Auto Reduction Rec	On, Off, and Auto
Delayed Start	Up to 23 hours and 59 minutes
Broadcast Sending	Sequential only
Fax Cover Page	Supported
On Hook	Supported
Remote Receive	Supported
Fax Address Book	Supported
LAN Fax			
Driver	GDI Drivers
Resolution	Normal (200 x 100), Fine (200 x 200), Superfine (200 x 400), Super-High Image Quality (400 x 400)
Color	Not supported
Delayed Start	Up to 24 hours
Broadcast Sending	Up to 30 destinations
Zoom	Same as printer driver.
Auto RE (auto fit)	Same as printer driver.
Rotation	Same as printer driver.
N-up	Same as printer driver.
Watermark	Same as printer driver.
Phone Book	Up to 500 Speed Dial Numbers and up to 500 Group Dial. Local phone book stored on PC.
Secure Receive	Supported

Environmental Specifications

Characteristic	Specifications	
Temperature and Humidity		
Operating	15˚ to 28˚ C (59˚ to 82.4˚ F) at 20 % to 70 % RH	
Storage (Packaged)	-20˚ to 40˚ C (-4˚ to 104˚ F) at 5 % to 90 % RH	
Altitude		
Operating (The altitude must be adjusted at the Control Panel when used above 1000m to ensure print quality.)	0 to 3,100 meters (10,170 feet)	
Storage (Packaged)	0 to 15,000 meters (49,212 feet)	
Acoustic Noise Level		
Printer	Printing	Standby
Phaser 6020	64.4db	39.9db
Phaser 6022	67.2db	38.1db
WorkCentre 6025 MFP	63.9db	39.0db
WorkCentre 6027 MFP	67.5db	40.6db
Power Save Mode (all models)	Background level	

Electrical Specifications

Characteristic	Specifications
Inrush Current All Models	Maximum of 100 A within 10 msec (half cycle) or less
Power Supply Voltage/Frequency	
Phase	Single-phase with ground
Line Voltages*	110V M/C: 100 to 127V±10 % (90 to 140V) 220V M/C: 220 to 240V±10 % (198 to 264V)
Max Current	110V M/C: 7A or less 220V M/C: 5A or less
Frequency Range	60Hz±3Hz; 50Hz±3Hz
Power Consumption	
Continuous Printing • Phaser 6020 • Phaser 6022 • WorkCentre 6025 MFP • WorkCentre 6027 MFP	220 W or less 340 W or less 220 W or less 330 W or less
Ready Mode • Phaser 6020 • Phaser 6022 • WorkCentre 6025 MFP • WorkCentre 6027 MFP	42 W or less 42 W or less 42 W or less 42 W or less
Power Saver Mode 1 • Phaser 6020 • Phaser 6022 • WorkCentre 6025 MFP • WorkCentre 6027 MFP	10 W or less 10 W or less 25 W or less 27 W or less
Power Saver Mode 2 • Phaser 6020 • Phaser 6022 • WorkCentre 6025 MFP • WorkCentre 6027 MFP	2 W or less 3 W or less 2W or less 3 W or less

*See the Rating label on the machine for the correct voltage, frequency (hertz), and current for your machine.

Image Specifications

Note: Edge-to-edge printing is not available.

Area Definition	Specifications
Usable Area (maximum paper size)[1]	215.9mm x 355.6mm (8.5 inches x 14 inches)
Unprintable Area	4.0mm from edge of all four sides
Printable Area[2]	207.9 x 347.6mm

1. Maximum width 220mm for Envelope (DL LEF).
2. Maximum printable width of paper which paper width is more than 215.9mm is 210.9mm, therefore, maximum printable area is 210.9 x 351.6mm.

Media and Tray Specifications

Media recommended for use with this printer is known as standard paper. The feed performance, reliability, and print quality satisfy the specifications.

Supported media types.

Size	Paper Tray	Bypass Tray
A4 (210 x 297 mm (8.27 x 11.69 in.))	Y	Y
B5 (182 x 257 mm (7.17 x 10.12 in.))	Y	Y
A5 (148 x 210 mm (5.83 x 8.27 in.))	Y	Y
C5 (162 x 229 mm (6.38 x 9.02 in.))	Y	Y
Monarch (98 x 191 mm (3.875 x 7.5 in.))	Y	Y
Monarch LEF (191 x 98mm (7.5 x 3.875 in.))	Y	Y
Envelope #10 (105 x 241 mm (4.125 x 9.5 in.))	Y	Y
DL (110 x 220 mm (4.33 x 8.66 in.))	Y	Y
DL LEF (220 x 110 mm (8.66 x 4.33 in.))	Y	Y
Letter (216 x 279 mm (8.5 x 11 in.))	Y	Y
Legal (216 x 356mm (8.5 x 14 in.))	Y	Y
Folio (216 x 330 mm (8.5 x 13 in.))	Y	Y
Executive (184 x 267 mm (7.25 x 10.5 in.))	Y	Y
Custom	Y	Y
Width: 76.2 to 215.9 mm (3 to 8.5 in.) Length: 127 to 355.6mm (5 to 14 in.) Maximum width of 220 mm for envelope (DL LEF) Minimum length of 98.4 mm for envelope (Monarch LEF)		

Media	Weight (g/m^2)	Paper Tray
Plain	60 to 90	Y
Plain Thick	91 to 105	Y
Recycled	60 to 105	Y
Label	-	Y
Covers Normal (lightweight card stock)	106 to 163	Y
Coated Normal (lightweight glossary card stock)	106 to 163	Y
Envelope	-	Y
Output Tray	100 sheets plain paper, 5 sheets for Label, Envelope, thick paper, or other paper	

ADF Specifications

Description	Specification
Capacity	15 sheets plain paper, or paper stack height of 2.2 mm or less
Paper Size	A5 SEF - Legal Min: Fast scan direction 148.0 mm (5.83") x Slow scan direction 210.0 mm (8.27") Max: Fast scan direction 215.9 mm (8.5") x Slow scan direction 355.6mm (14")
Basis Weight	60 g/m^2 to 105 g/m^2
Feeding Order	Top to bottom feed
Document Size Detection	Not Supported

Warm Up Time

The Phaser 6020 and 6022 reach the Ready state within 28 seconds after power on, transition from Low Power to Ready, and transition from Sleep to Ready.

The WorkCentre 6025 and 6027 reach the Ready state within 32 seconds after power on, transition from Low Power to Ready, and transition from Sleep to Ready.

First Print Output Time (FPOT)

First Print Output Time (FPOT) is defined as the time from when the engine receives a Start signal, until a single A4 sized page is printed and delivered to the output tray.

FPOT		
Printer	Color Mode	Ready Mode
Phaser 6020 and WorkCentre 6025	Color	17.3 seconds or less
	B&W	15 seconds or less
Phaser 6022 and WorkCentre 6027	Color	15 seconds or less
	B&W	12.5 seconds or less

First Copy Output Time (WorkCentre 6025 and 6027 MFP)

First Copy Output Time (FCOT) is the time required for the printer to deliver the first sheet of paper after the user presses **Start**. The following conditions are applied:
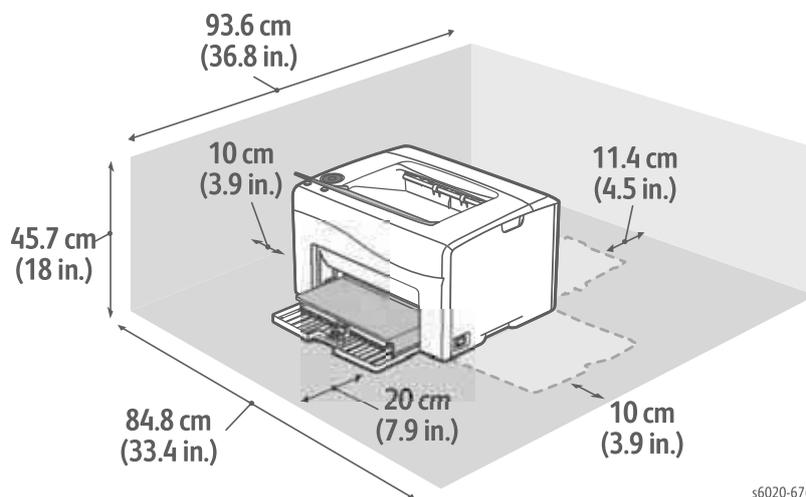
- Printer is in the Ready state
- Document setting: Platen mode
- Magnification Ratio: 100 %
- Paper source: Feed from the standard paper tray
- Paper type: Standard paper
- Paper size: A4
- Mode: Standard mode (Factory default)

FCOT		
Printer	**Color Mode**	**Ready Mode**
WorkCentre 6025 MFP	Color	40 seconds or less
	B&W	24 seconds or less
WorkCentre 6027 MFP	Color	30 seconds or less
	B&W	20 seconds or less

Physical Dimensions and Clearances
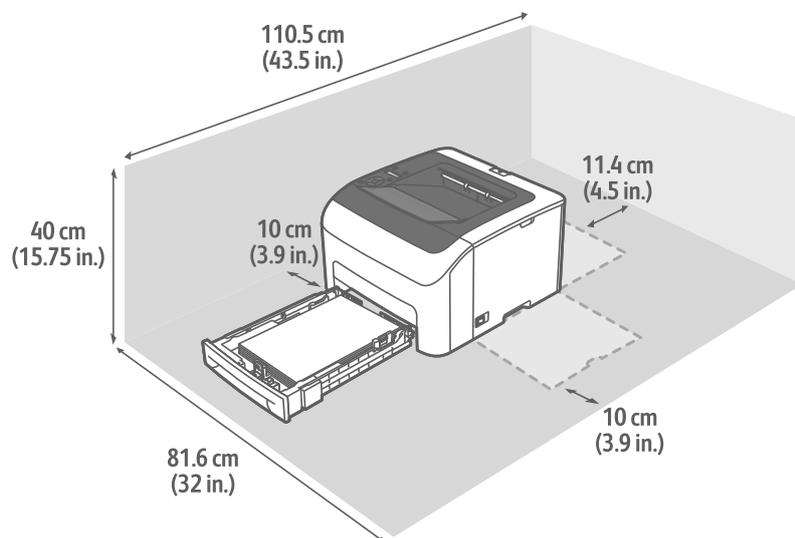
Phaser 6020 Dimensions and Weight

s6020-676

Note: All weights and measurements at ± 5 %.

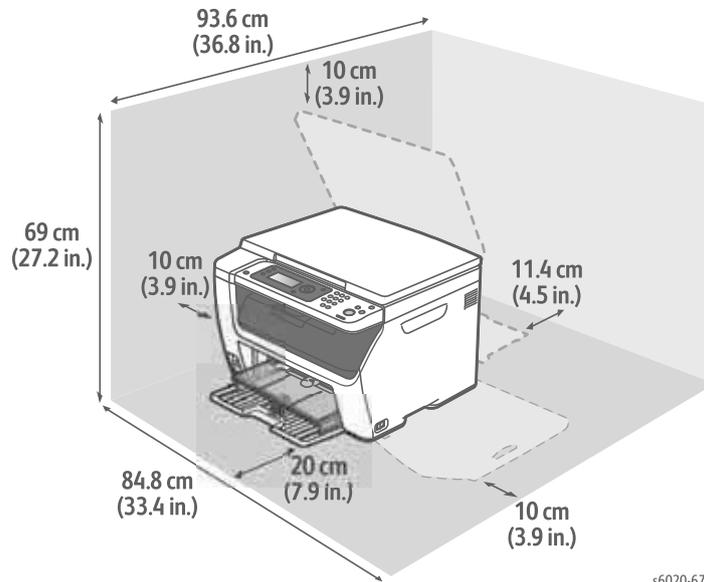| Print Engine	Specification
Height (Output Tray open)	234 mm (9.2 in.)
Width (Toner Door Open)	394 mm (15.5 in.)
Depth (Paper Tray open)	304 mm (12 in.)
Weight	Net.: 10.5 kg (23.2 lb.)

Phaser 6022 Dimensions and Weight

110.5 cm
(43.5 in.)

11.4 cm
(4.5 in.)

40 cm
(15.75 in.)

10 cm
(3.9 in.)

10 cm
(3.9 in.)

81.6 cm
(32 in.)

s6020-677

Note: All weights and measurements at ± 5 %.

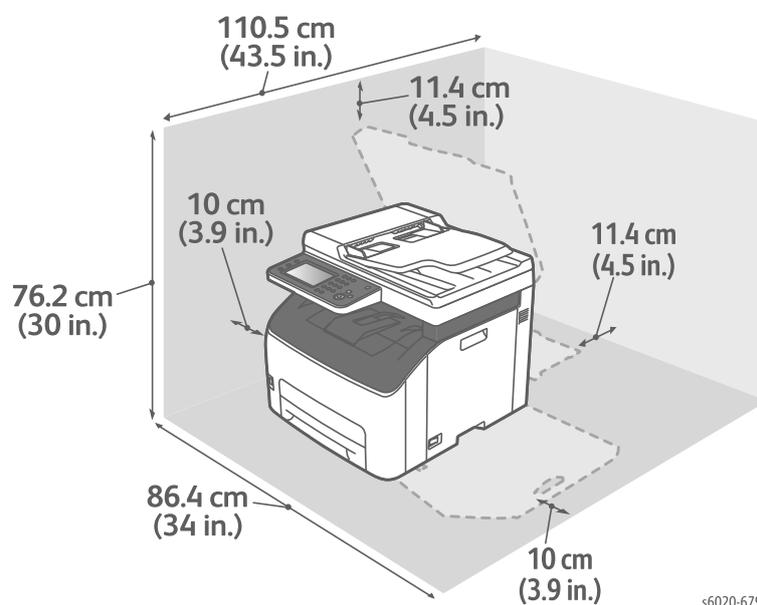| Print Engine	Specification
Height (Output Tray open)	246 mm (9.7 in.)
Width (Toner Door Open)	397 mm (15.6 in.)
Depth (Paper Tray open)	398 mm (15.7 in.)
Weight	Net.: 12.3kg (27.1 lb.)

WorkCentre 6025 MFP Dimensions and Weight

93.6 cm
(36.8 in.)

10 cm
(3.9 in.)

69 cm
(27.2 in.)

10 cm
(3.9 in.)

11.4 cm
(4.5 in.)

84.8 cm
(33.4 in.)

20 cm
(7.9 in.)

10 cm
(3.9 in.)

s6020-678

Note: All weights and measurements at ± 5 %.

Print Engine	Specification
Height (Output Tray open)	318 mm (12.5 in.)
Width (Toner Door Open)	410 mm (16.2 in.)
Depth (Paper Tray open)	398 mm (15.7 in.)
Weight	Net: 14.95kg (32.96 lbs.)

WorkCentre 6027 MFP Printer Dimensions and Weight

Note: All weights and measurements at ± 5 %.

Print Engine	Specification
Height	387.5 mm (15.3 in.)
Width	410 mm (16.2 in.)
Depth (Paper Tray closed).	438.5 mm (17.3 in.)
Weight (Toner Cartridges installed)	16.6kg (37.26 lbs.) ± 5 %