How to make a big impression

Big impact without the big price
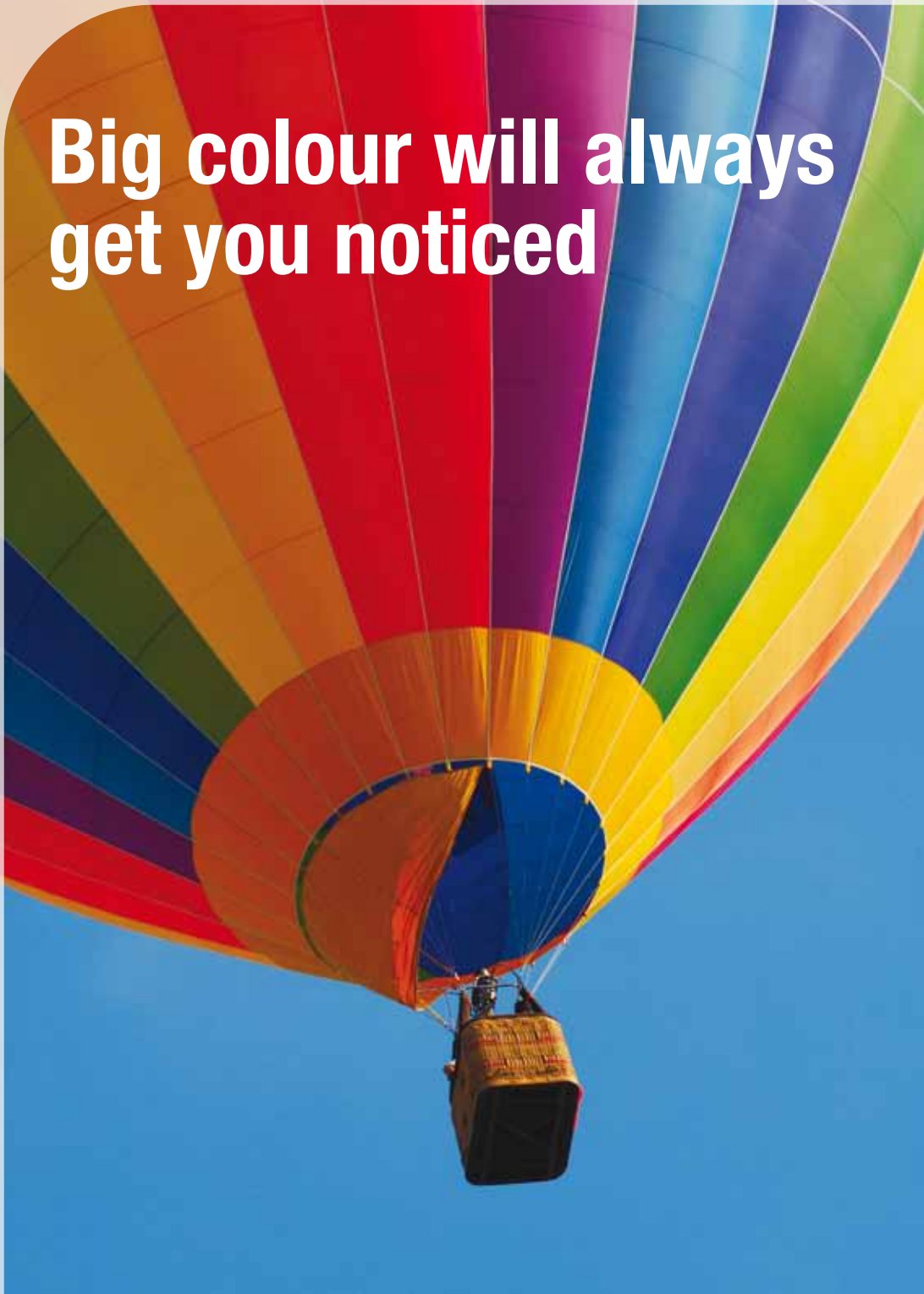
A3 ALL-IN-ONE
INKJET PRINTERS

PRINT, COPY
SCAN AND FAX
ALL IN ONE

TOTAL
CONNECTIVITY

Big colour will always get you noticed

You need to make an impact; whether it's a presentation, a poster or even just a spreadsheet. So you need A3. And with the world's first compact A3 all-in-one inkjet printers from Brother you can have it. Without the big price you might expect too.

Big possibilities

A3 gives you all sorts of amazing options. You can make spreadsheets and schedules easier to read; you can save money by printing posters, brochures and newsletters in-house; you can even fax A3 documents without having to reduce them first. All in all, it'll make a big difference to the way you work.

Big features, big savings

You get a lot more than just fantastic, big, borderless prints too. You get terrific value for money, as these printers also copy, scan and fax^ up to A3. And all in one compact machine, so you'll save space in the office – especially as everyone can share them, with wired and wireless network options.

With our new MFC-6890CDW there's now another side, literally, to our A3 printer range – A4 double-sided printing. So now you can create professional-looking documents and cut paper costs at the same time.

Snappy snaps

Click…plug your camera or memory stick into your printer and print. That's how easy it is to get lab quality snaps using the PictBridge and Photocapture features. You can also enhance your photos, or say goodbye to red eye and flash reflections using the built-in software and touchscreen[†] LCD. So you get perfect pics every time.

You can even scan photos and documents to your PC or memory stick as PDFs and JPGs for storing or sharing.

[†] Touchscreen on DCP-6690CW and MFC-6890CDW only. ^A3 fax on MFC-6490CDW and MFC-6890CDW only.

"The MFC-6490CW A3 inkjet printer truly added that 'little extra something' to my pictures – well done Brother"

Ray McKay, customer

Enjoy big, bright colours, whatever you're printing

Make menus more mouthwatering

A classy starter to any meal, a piece of tasty design in A3 adds a new dimension to dining out.

Put classwork in a class of its own

For a lesson in how to impress the teacher, try running out course work and projects in A3. Top marks all round!

Add drama to office documents

In business, presentations with more punch impress clients and customers alike – and you can rely on our A3 printer range to deliver.

Big features from a compact A3 printer

Cost effective
wired and wireless connectivity allows sharing between several users, saving money on multiple devices

Make a bigger impact
with borderless A3 prints

Extra flexibility
when copying – enlarge A4 up to A3

Direct printing and scanning
from a USB memory stick and media – no need for PC

Save time
with two paper trays and have plain paper in one and photo paper in the other*

Print, scan, copy
and enlarge A4 documents to A3

MFC-6890CDW

*except MFC-5890CN

Selecting the right printer for you is easy

Our A3 all-in-one inkjet printers have a whole range of features, but choosing the right one for you is simple. Just think about what you'll need – double-sided printing for instance, or wireless network connection – and then check which machine to go for from the table below.

A3 All-in-One Inkjet Printers	MFC-5890CN	DCP-6690CW	MFC-6490CW	MFC-6890CDW
Network ready	●	●	●	●
Wireless		●	●	●
Double-sided A4 printing				●
LCD screen 3.3"	●		●	
LCD touchscreen 4.2"		●		●
A3 fax			●	●
Standard paper capacity	150	400	400	350
In-box cartridge supplies	BK: 900 A4 pages C/M/Y 750 A4 pages	BK: 900 A4 pages C/M/Y 750 A4 pages	BK: 900 A4 pages C/M/Y 750 A4 pages	BK: 900 A4 pages C/M/Y 750 A4 pages
A3 borderless print	●	●	●	●
A3 scan and copy		●	●	●
High speed A4 fax	●	●	●	●
A4 scan & copy	●	●	●	●

Simple to use navigation

You don't need to be some technical whizz-kid to use all this advanced technology. We've made it really easy to get to grips with, using a simple menu system and the LCD touchscreen[†] – so everyone can get the most out of A3!

Minimal costs and minimal impact on the environment too

More colour for your money

Each printer comes with longer lasting high yield ink cartridges too, which are not only better for the environment but make sure you get more colour for your money. Especially as the design uses individual ink cartridges, so you only have to replace the one that's run out. Clever.

Little extras to make you feel good

No one wants to feel 'stranded' so in the unlikely event of something going wrong with your printer we're happy to take control. You're covered by a 12 month warranty plus 24 hour online support and a dedicated helpline during office hours.

Green and clean

Worried about being green? Our A3 compact printers feature low power consumption, minimal noise, non-hazardous materials and recycling-friendly design – that's why they've been awarded Energy Star and Blue Angel environmental accreditations.

All Brother consumables can be recycled for free at our award-winning plant in North Wales. We were even awarded 100 out of 100 by the Ethical Company Organisation for the third year in a row – the only printer manufacturer to achieve this.

And our commitment to the environment now includes sponsoring 4 square kilometres of Amazon rainforest in partnership with Cool Earth, which protects endangered areas to help combat global warming.

Technical Specifications MFC-5890CN & DCP-6690CW

General

Technology	Inkjet
Memory capacity	64MB
Warm-up time	0 seconds
Interfaces	Hi-speed USB 2.0 / USB Direct / PictBridge / Media Card
Network	10/100 Base-TX
Wireless (DCP-6690CW)	LAN IEEE802.11b/g (Infrastructure Mode/ Adhoc Mode)
Protocol	TCP/IP (IPv4 & IPv6)
Wireless Setup (DCP-6690CW)	Secure Easy Setup™ (SES), Wi-Fi Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
Easy Wireless Security (DCP-6690CW)	WEP 64/128, WPA-PSK (TKIP), WPA2-PSK (TKIP&AES)
Display MFC-5890CN	Wide 3.3" Colour LCD Display
Display DCP-6690CW	Wide 4.2" Colour Touchscreen LCD Display

Colour Printer

Speed	Up to 35ppm mono & 28ppm colour
Resolution	Up to 6,000 x 1,200 (Vertical x Horizontal)
Borderless Printing	Available for A3, A4, LTR, A6, Photo 4 x 6", Index Card, Postcard
Colour Enhancement	Brother Image enhancement allows you to customise colour output
Minimum Droplet Size	1.5pl (when used with Brother BP71 paper, see Supplies section)
Direct Photo Print	Print photos direct from a USB Flash Memory Drive / Media Cards (See Direct Photo Print section)

Colour Fax MFC-5890CN only

Modem	33.6kbps
Colour	Using the ITU.T-30E Colour Fax Protocol to other compatible fax machines
Data Compression	MH, MR, MMR (Mono), JPEG (Colour)
Automatic Redial	Automatic redial if the recipient fax is busy
Speed Dials	80 locations for pre-stored numbers
Group Dials	Up to 6 groups
Fax / Tel Switch	Automatic recognition of fax and telephone reception
Distinctive Ring Detection	Yes
Super Fine	Enables quality transmission and reception of very small print or line drawings
Grey Scale	256 shades of grey
Transit/Receive Memory	Up to 400 pages (ITU-T Test Chart No 1)
Out of paper reception	Up to 400 pages (ITU-T Test Chart No 1)
Broadcasting Locations	Send the same fax message to up to 256 locations
Auto Reduction	Automatically reduces a received fax to fit on to a single A4 sheet
Error Correction Mode	Where machines share the ECM feature, errors during transmission are corrected automatically ensuring received documents are error free
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number (Mono only)
Remote Access	Allows the user to remotely access their machine by using another touch tone phone
Fax Retrieval	Allows the user to retrieve fax messages using another touch tone
Dual Access	Scan a fax for transmission whilst receiving a fax (Mono only)
Internet Fax (I-Fax)	Fax documents anywhere in the world over the internet without the use of a telephone line
PC-FAX*	Send & Receive faxes from your PC (phone line required)

Colour Copier

Speed	Up to 23ppm mono & 20ppm colour
Resolution	Up to 1,200 x 1,200dpi (colour), 1,200 x 1,200dpi (mono)
Multi copy	Produces up to 99 copies of each original
Enlargement / Reduction Ratio	25% - 400% in 1% increments
N in 1	Reduce 2 or 4 pages on to a single sheet
Poster Printing	Enlarge an image to print onto 3 x 3 pages of A4 size (available for A4 only)

Colour Scanner

Resolution	Optical: Up to 1,200 x 2,400dpi Interpolated: Up to 19,200 x 19,200dpi
Scan Speed	From 4 seconds Mono & from 6 seconds Colour (A4 size, 100 x 100dpi)
Grey Scale	256 shades of grey
Colour Depth	36bit internal processing colour scanner
'Scan' Key	Allows the user to scan to E-mail, OCR, Image, File, Card or a USB Flash Memory Drive, FTP (MFC-6490CW only) Supporting: JPEG, BMP, PDF, TIFF, PNG (USB Flash Memory Drive supports PDF Mono & Colour, JPEG, TIFF).

Paper Handling

Paper Input	150 sheet standard paper tray 250 sheet lower tray (DCP-6690CW only) 50 sheet automatic document feeder (ADF)
Paper Output	50 sheets
Paper Handling Sizes	A3, A4, LTR, LGL, EXE, A5, A6, Photo 4 x 6", Index Card, Postcard, Envelope plus additional sizes
Media Type	Plain, Inkjet, Glossy, Transparency

Direct Photo Printing

PictBridge	Print directly from a PictBridge enabled Digital Camera
USB Direct Interface	Print directly from a USB Flash Memory Drive
PhotoCapture Centre™	Compact Flash: 4MB-8GB (Type1 only, Type2 & Microdrive are not compatible)
(Acceptable Media Cards)	Memory Stick: 16MB-128MB (Duo with Adapter)
	Memory Stick Pro: 256MB-8GB (MagicGate: YES if not use MG function)
	Secure Digital: 16MB-2GB (MiniSD with Adapter)
	Secure Digital High Capacity (SDHC): 4-8GB
	xD Picture Card: 16-512MB
	xD Picture Card TypeM / M+ / TypeH: 256MB-2GB
Media Card Drive	Save & retrieve files using any of the above listed media cards
Network Media Card Drive	Save & retrieve files using any of the above listed media cards through the network
Image Format	Photo Print: JPEG Scan to Card: JPEG, PDF (colour), TIFF, PDF (mono)

Software

Driver Software Included	Brother MFL-Pro Suite
Windows ®	Brother ControlCentre3, ScanSoft ® Paperport ® 11 SE with OCR
Macintosh ®	Brother ControlCentre2, NewSoft ® Presto! ® PageManager7
Reallusion FaceFilter	A simple and easy to use photo editor that enables you to fine-tune your photos to print perfect, professional looking photos with or without borders.
Studio Software	Windows Vista ® / Windows ® XP Professional (32 & 64 bit editions) / X
Supported Operating Systems	Home Edition / Windows ® 2000 Professional (SP4) / Mac OS X 10.2.4 or greater

Supplies

Standard Cartridges	**BK**: LC1100BK - Approx 450** A4 pages **C/M/Y**: LC1100C/M/Y - Approx 325** A4 pages
High Yield Cartridges	**BK**: LC1100HYBK - Approx 900** A4 pages **C/M/Y**: LC1100HYC/M/Y - Approx 750** A4 pages
Brother Paper	BP71GA3: A3 glossy photo paper, 20 sheets BP71GLA: A4 glossy photo paper, 20 sheets BP71GLP: 4x6" glossy photo paper, 50 sheets BP60MA: A4 Matte inkjet paper, 25 sheets BP60PA: A4 inkjet paper, 250 sheet BP60MA3: A3 Matte inkjet paper, 25 sheets

innobella™   use ORIGINAL brother

Weight & Dimensions DCP-6690CW

With Carton	656(W) x 597(D) x 460(H) mm / 22.1kg
Without Carton	540(W) x 488(D) x 323(H) mm / 15.6kg

Weight & Dimensions MFC-5890CN

With Carton	525(W) x 490(D) x 325(H) mm / 13.7kg
Without Carton	440(W) x 403(D) x 222(H) mm / 9.6kg

Others

Power Consumption MFC-5890CN	Operating 27W Standby 6W Power Save - 4.5W
Power Consumption DCP-6690CW	Operating 26W Standby 6W Power Save - 4.5W
Noise level	50dBA (Maximum)

* Receiving is for Windows ® only

** Approx cartridge yield is declared in accordance with ISO/IEC 24711

All specifications correct at time of printing. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks of their respective companies.

Technical Specifications MFC-6490CW & MFC-6890CDW

General

Technology	Inkjet
Memory capacity	64MB
Warm-up time	0 seconds
Interfaces	Hi-speed USB 2.0 / USB Direct / PictBridge / Media Card
Network	10/100 Base-TX, Wireless LAN IEEE 802.11b/g (Infrastructure Mode/Adhoc Mode)
Protocol	TCP/IP (IPv4 & IPv6)
Wireless Setup	Secure Easy Setup™ (SES), Wi-Fi Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
Easy Wireless Security	WEP 64/128, WPA-PSK (TKIP), WPA2-PSK (TKIP&AES)
Display MFC-6490CW	Wide 3.3" Colour LCD Display
Display MFC-6890CDW	Wide 4.2" Colour Touchscreen LCD Display

Colour Printer

Speed	Up to 35ppm mono & 28ppm colour
Resolution	Up to 6,000 x 1,200 (Vertical x Horizontal)
Borderless Printing	Available for A3, A4, LTR, A6, Photo 4 x 6", Index Card, Postcard
Colour Enhancement	Brother Image enhancement allows you to customise colour output
Minimum Droplet Size	1.5pl (when used with Brother BP71 paper, see Supplies section)
Direct Photo Print	Print photos direct from a USB Flash Memory Drive / Media Cards (See Direct Photo Print section)
A4 Duplex Print	MFC-6890CDW only

Colour Fax

Modem	33.6kbps
Colour	Using the ITU.T-30E Colour Fax Protocol to other compatible fax machines
Data Compression	MH, MR, MMR (Mono), JPEG (Colour)
Automatic Redial	Automatic redial if the recipient fax is busy
Speed Dials	100 locations for pre-stored numbers
Group Dials	Up to 6 groups
Fax / Tel Switch	Automatic recognition of fax and telephone reception
Distinctive Ring Detection	Yes
Super Fine	Enables quality transmission and reception of very small print or line drawings
Grey Scale	256 shades of grey
Transit/Receive Memory	Up to 400 pages (ITU-T Test Chart No 1)
Broadcasting Locations	Send the same fax message to up to 256 locations
Auto Reduction	Automatically reduces a received fax to fit on to a single A4 sheet
Error Correction Mode	Where machines share the ECM feature, errors during transmission are corrected automatically ensuring received documents are error free
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number (Mono only)
Remote Access	Allows the user to remotely access their machine by using another touch tone phone
Fax Retrieval	Allows the user to retrieve fax messages using another touch tone
Dual Access	Scan a fax for transmission whilst receiving a fax (Mono only)
Internet Fax (I-Fax)	Fax documents anywhere in the world over the internet without the use of a telephone line
PC-FAX*	Send & Receive faxes from your PC (phone line required)

Colour Copier

Speed	Up to 23ppm mono & 20ppm colour
Resolution	Up to 1,200 x 1,200dpi (colour), 1,200 x 1,200dpi (mono)
Multi copy	Produces up to 99 copies of each original
Enlargement / Reduction Ratio	25% - 400% in 1% increments
N in 1	Reduce 2 or 4 pages on to a single sheet
Poster Printing	Enlarge an image to print onto 3 x 3 pages of A4 size (available for A4 only)

Colour Scanner

Resolution	Optical: Up to 1,200 x 2,400dpi Interpolated: Up to 19,200 x 19,200dpi
Scan Speed	From 4 seconds Mono & from 6 seconds Colour (A4 size, 100 x 100dpi)
Greyscale	256 shades of grey
Colour Depth	36bit internal processing colour scanner 48bit internal processing scanner (MFC-6890CDW)
'Scan' Key	Allows the user to scan to E-mail, OCR, Image, File, Card or a USB Flash Memory Drive, FTP Supporting: JPEG, BMP, PDF, TIFF, PNG (USB Flash Memory Drive supports PDF Mono & Colour, JPEG, TIFF).

Paper Handling

Paper Input	150 sheet standard paper tray
	100 sheet standard paper tray (MFC-6890CDW only)
	250 sheet lower tray
	50 sheet automatic document feeder (ADF)
Paper Output	50 sheets
Paper Handling Sizes	A3, A4, LTR, LGL, EXE, A5, A6, Photo 4 x 6", Index Card, Postcard, Envelope plus additional sizes
Media Type	Plain, Inkjet, Glossy, Transparency

Direct Photo Printing

PictBridge	Print directly from a PictBridge enabled Digital Camera
USB Direct Interface	Print directly from a USB Flash Memory Drive
PhotoCapture Centre™	Compact Flash: 4MB-8GB (Type1 only, Type2 & Microdrive are not compatible)
(Acceptable Media Cards)	Memory Stick: 16MB-128MB (Duo with Adapter)
	Memory Stick Pro: 256MB-8GB (MagicGate: YES if not use MG function)
	Secure Digital: 16MB-2GB (MiniSD with Adapter)
	Secure Digital High Capacity (SDHC): 4-8GB
	xD Picture Card: 16-512MB
	xD Picture Card TypeM / M+ / TypeH: 256MB-2GB
Media Card Drive	Save & retrieve files using any of the above listed media cards
Network Media Card Drive	Save & retrieve files using any of the above listed media cards through the network
Image Format	Photo Print: JPEG
	Scan to Card: JPEG, PDF (colour), TIFF, PDF (mono)

Software

Driver Software Included	Brother MFL-Pro Suite
Windows®	Brother ControlCentre3, ScanSoft® Paperport® 11 SE with OCR
Macintosh®	Brother ControlCentre2, NewSoft® Presto!® PageManager7
Reallusion FaceFilter	A simple and easy to use photo editor that enables you to fine-tune your photos to print perfect, professional looking photos with or without borders
Studio Software	Windows Vista® / Windows® XP Professional (32 & 64 bit editions) / XP
Supported Operating Systems	Home Edition / Windows® 2000 Professional (SP4) / Mac OS X 10.2.4 or greater

Supplies

Standard Cartridges	**BK**: LC1100BK - Approx 450** A4 pages
	C/M/Y: LC1100C/M/Y - Approx 325** A4 pages
High Yield Cartridges	**BK**: LC1100HYBK - Approx 900** A4 pages
	C/M/Y: LC1100HYC/M/Y - Approx 750** A4 pages
Brother Paper	BP71GA3: A3 glossy photo paper, 20 sheets
	BP71GLA: A4 glossy photo paper, 20 sheets
	BP71GLP: 4x6" glossy photo paper, 50 sheets
	BP60MA: A4 Matte inkjet paper, 25 sheets
	BP60PA: A4 inkjet paper, 250 sheet
	BP60MA3: A3 Matte inkjet paper, 25 sheets

Weight & Dimensions

With Carton	656(W) x 597(D) x 460(H) mm / 22.1kg
Without Carton	540(W) x 488(D) x 323(H) mm / 15.6kg

Others

Power Consumption	Operating 29W Standby 6W Power Save - 4.5W
Noise level	50dBA (Maximum)

* Receiving is for Windows® only

** Approx cartridge yield is declared in accordance with ISO/IEC 24711

For more information on our A3 range visit www.brother.co.uk

Do More coolearth

USB | Certified for Windows Vista | Mac | PictBridge | WiFi CERTIFIED | Secure Easy Setup

FSC Mixed Sources
Product group from well managed forests and other controlled sources
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