

IF IT WORX, IT'S



# BOOKLET MAKING AT THE TOUCH OF A BUTTON: UNBELIEVABLY EASY.



DIGITAL  MULTIFUNCTIONAL COLOUR SYSTEM

**CDC 1945/1950**



DIGITAL MULTIFUNCTIONAL COLOUR SYSTEM CDC 1945/1950

# YOU WILL BE AMAZED AT EVERYTHING YOU CAN SUDDENLY DO.

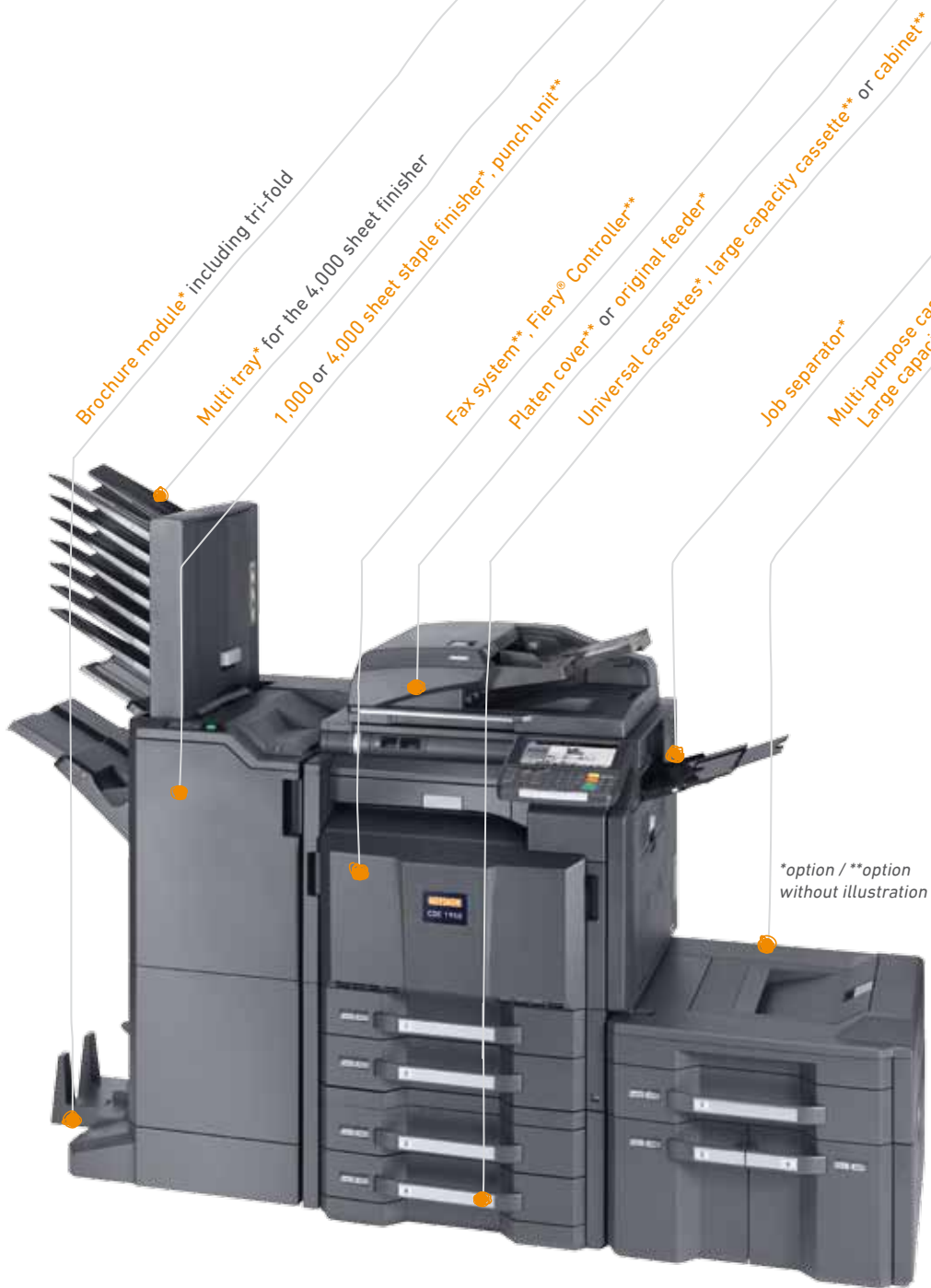
IMAGINE HAVING A MULTI-TALENTED OFFICE WIZARD AT YOUR FINGERTIPS. THIS IS WHAT YOU GET WITH THE CDC 1945 OR CDC 1950 DIGITAL A3 COLOUR MULTIFUNCTIONAL SYSTEM. WHETHER PRINTING, COPYING, SCANNING OR FAXING\*, STAPLING\* OR FOLDING\*, THESE SYSTEMS, FOR MID TO HIGH-LEVEL COLOUR VOLUME, GIVE THE TERM "ALL-ROUNDER" A WHOLE NEW MEANING.

Once you install the CDC 1945 or the CDC 1950 in any location with high productivity and output demands, you soon won't be able to live without any of the countless advantages it has to offer. Extremely high quality colour printouts are as efficiently achieved as versatile scans, just as you want them. You can even scan both sides of a page with Dual Scan\*, simultaneously, meaning you don't have to turn the document over at all. The network interface speeds up workflows, as does the quick paper feed:

The CDC 1945 copies the first page after 4.7/6 seconds (b/w or colour); and the CDC 1950 at 4.4/5.7 seconds. There is no need for manual sorting thanks to the automatic detection of colour and b/w originals. Both models can produce stapled booklets\* and tri-folded letters\*, banners (305 x 1,219 mm), and handle heavy paper weights up to 300 g/m<sup>2</sup> as well as A3 oversize formats. With up to 8 paper feeds\* and a total capacity of up to 7,650 sheets\*, the possibilities for customisation with different types of paper are limitless. It will be like having your own in-house print room. Other highly professional features such as print directly from a USB flash drive, via the built-in USB host, or scan data without having to store it first on a separate storage medium are little time saving touches. So that you can always maintain an overview of all these multifunctional features, all operations are carried out on a large, clearly laid out touch panel and via a user-friendly printer driver. \*option



DIGITAL   
 MULTIFUNCTIONAL COLOUR SYSTEM  
**CDC 1945/1950**



Brochure module\* including tri-fold

Multi tray\* for the 4,000 sheet finisher  
 1,000 or 4,000 sheet staple finisher\*

Fax system\*\*, Fiery® Controller\*\*  
 Platen cover\*\* or original feeder\*\*

Universal cassettes\*, large capacity cassette\*\* or cabinet\*\*

Job separator\*

Multi-purpose cassette\* for high media flexibility,  
 Large capacity cassette\* on the side

\*option / \*\*option  
 without illustration

## ALL AT THE PUSH OF A BUTTON

CDC 1945/1950 with 2 x 500 sheet universal cassettes, duplex unit and 2 x 160 GB hard disk

- Output of up to 45/50 colour pages per minute
- Large and clearly laid out touch screen for easy operation
- Processing of heavy paper weights up to 300 g/m<sup>2</sup> and formats up to A3+ (305 x 457 mm)
- Maximum paper capacity of 7,650 sheets\* and up to eight paper feeds\*
- Multi-purpose cassette for coated paper and special stocks
- Duplex unit for double-sided printing and copying
- Finisher\* for producing stapled/hole-punched copies or distributable booklets, tri-folded letters\*, offline stapling
- Dual Scan\* for efficient scanning of both sides of the page in a single pass
- Authentication for control of user authorisation





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**GENERAL**

Type	Desktop
Function	Copy, print, scan, optional: fax
Print technology	Laser colour and b/w
Original format	max A3 from platen glass
Copy/print speed	CDC 1945: max 45 A4 pages/min and max 22 A3 pages/min in colour and b/w CDC 1950: max 50 A4 pages/min and max 25 A3 pages/min in colour and max 55 A4 pages/min and max 27 A3 pages/min in b/w and max 27 A3 pages/min in b/w
1st page (Copy/Print)	Colour: 6/6.6 seconds*, b/w: 4.7/5.4 seconds* (CDC 1945) Colour: 5.7/6.2 seconds*, b/w: 4.4/4.9 seconds* (CDC 1950)
Warm-up time	30 seconds
Copy resolution	600 x 600 dpi, 9,600 x 600 dpi level
Greyscales	256
Paper feed	2 x 500 sheet universal cassettes (A5R-A3+ [max 305 x 457 mm]), 150 sheet multi-bypass (A6R-A3+, Banner [305 x 1,219 mm])
Paper weights	Universal cassette 60–256 g/m <sup>2</sup> , multi-bypass 60–300 g/m <sup>2</sup> , duplex 60–256 g/m <sup>2</sup>
Paper output	250 sheet A4
System memory	2,048 MB RAM, 2 x 160 GB HDD**
Continuous copying	1–999 copies
Zoom	25%–400% in steps of 1%
Functions	Adjustable touch screen, duplex, 1,000 management codes, multi tasking controller, direct printing from USB stick, colour optimizer for printing, etc.

**DIMENSIONS/WEIGHT**

Dimensions	747 x 668 x 767 mm (H x W x D)
Weight	approx. 114 kg

**ENVIRONMENT**

Mains voltage	220/240 V, 50/60 Hz
Power consumption	approx. 2,400 max, approx. 1,070 W (CDC 1945)/1,230 W (CDC 1950) in operation, approx. 200 W in stand-by mode, approx. 21 W in sleep mode
Safety	GS/TÜV, CE

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**PRINT SYSTEM**

Type	Integrated within the system
Print format	A6R–A3+
Print resolution	600 x 600 dpi, 9,600 x 600 dpi level
Processor	PowerPC 750GL/750 MHz
Interfaces	USB 2.0, 10/100/1000BaseTX, USB host, CF slot
Network protocols	TCP/IP, IPX/SPX, Net BEUI, EtherTalk
Operating systems	Windows XP, Vista, Windows 7, Server 2003/2008 R2, Novell NetWare, Linux, Mac OS 10.4
Emulations	PCL6, KPDL 3 (PostScript 3 compatible), XPS, PRESCRIBE IIc
Functions	PDF/XPS direct printing, printing of e-mails, private printing, barcode printing

**SCAN SYSTEM**

Scan type	CCD colour and b/w
Scan format	max A3
Scan speed	b/w: max 80/140 A4 originals/min (simplex/duplex), colour: max 80/110 A4 originals/min (simplex/duplex) with DP-771
Scan resolution	200 dpi, 300 dpi, 400 dpi, 600 dpi
Scan mode	Photo, text, photo/text, OCR
File types	TIFF, PDF, JPEG, XPS
Interface	10/100/1000BaseTX
Network protocol	TCP/IP
Operating systems	Windows XP, Vista, Windows 7, Server 2003/2008 R2
Functions	Scan to SMB, scan to e-mail, scan to FTP, scan to USB, TWAIN scan (Windows XP, Vista, Windows 7, Server 2003/2008), WIA scan (Windows Vista, Windows 7, Server 2008), SMTP authentication, LDAP, PDF compression and encryption

**OPTIONAL FAX SYSTEM (V)**

Compatibility	Super G3
Original format	max A3
Modem speed	33.6 kbps
Transmission speed	3 seconds or less using JBIG
Compression method	JBIG, MMR, MR, MH
Fax resolution	Standard (200 x 100 dpi), fine (200 x 200 dpi), super fine (200 x 400 dpi), ultra fine (400 x 400 dpi), 600 x 600 dpi
Fax memory	12 MB (max. 120 MB)
Abbreviated dial	2,000 numbers
One touch dial	100 numbers
Group dial	500 numbers
Operating systems	Windows XP, Vista, Windows 7, Server 2003/2008 R2
Functions	Network fax driver, automatic redialling, delayed transmission, max 2 fax kits for parallel transmission and reception

**OPTIONS**

Original feeder	DP-770 document processor with automatic reverse function (A5R-A3, capacity: 100 sheet A4, paper weight 45–160 g/m <sup>2</sup> ), DP-771 document processor with simultaneous duplex scanning (A5R-A3, capacity: 175 sheet A4, paper weight 35–220 g/m <sup>2</sup> )
Platen cover Finisher	Platen cover type E (if document processor is not installed) DF-770 (capacity: 1,000 sheet A4, stapling max 50 sheet A4), DF-790 (capacity: 4,000 sheet A4, stapling max 65 sheet A4), PH-7C hole punch unit for DF-770/790, BF-730 brochure module for DF-790 (max 16 sheet saddle stitching and folding A4/A3, tri-folding max 5 sheet A4), MT-730 multi tray for DF-790
Job Separator Paper feed	JS-730 (inner), JS-731 (outer) max 2 x PF-730 (2 x 500 sheet universal cassettes [A5R-A3+]), max 2 x PF-740 (3,000 sheet large capacity cassette [A4]), PF-780 (500 sheet multi-purpose cassette [A5R-A3+], required if two PF-730/PF-740 are installed), PF-770 (3,000 sheet large capacity tray [A4], side deck)
Other options	Data security kit (E), Internet fax kit (A), Printed document guard kit (A), Card authentication kit (B), UG-33 ThinPrint® kit, UG-34 Emulation option kit, IB-50 Gigabit Ethernet card, DT-730 Document tray, cabinet no. 63, Fiery® Controller

\*Depending on operating status.

\*\*For copy, print, scan, fax.

Specifications subject to change without notice. Image shows machine with optional accessories. The CDC 1945 and the CDC 1950 are manufactured in accordance with the requirements of the Energy Star Program.

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