TA Triumph-Adler

The Document Business
CONSULTING   REALISATION   EFFICIENCY

Sales Guide

DC 2162 | 2182

Digital Copying System

# Table of Contents

1   Product concept – introduction

Since their introduction in the middle of 2005 the DC 2060 and DC 2080 have proved to be extremely reliable and solid systems for the production of extensive, high volume print and copy jobs. Their successors, DC 2162 and DC 2182, are based on the same reliable technology. Yet, they offer several improvements especially in view of productivity, which becomes evident not only in their increased speed of 62 and 82 A4 pages per minute respectively, but above all in a considerably higher scanning productivity. Moreover, both models have a new and very appealing anthracite design while providing for the same functional versatility and variety of options as their predecessors.

According to the latest market research forecasts, the 60 ppm segment is supposed to stay relatively stable in terms of placements, whereas the 80 ppm segment is expected to show some growth, as this segment is still regarded to be comparatively „resistant" to colour MFP replacements.

2 Positioning

2.1 Positioning in the product portfolio
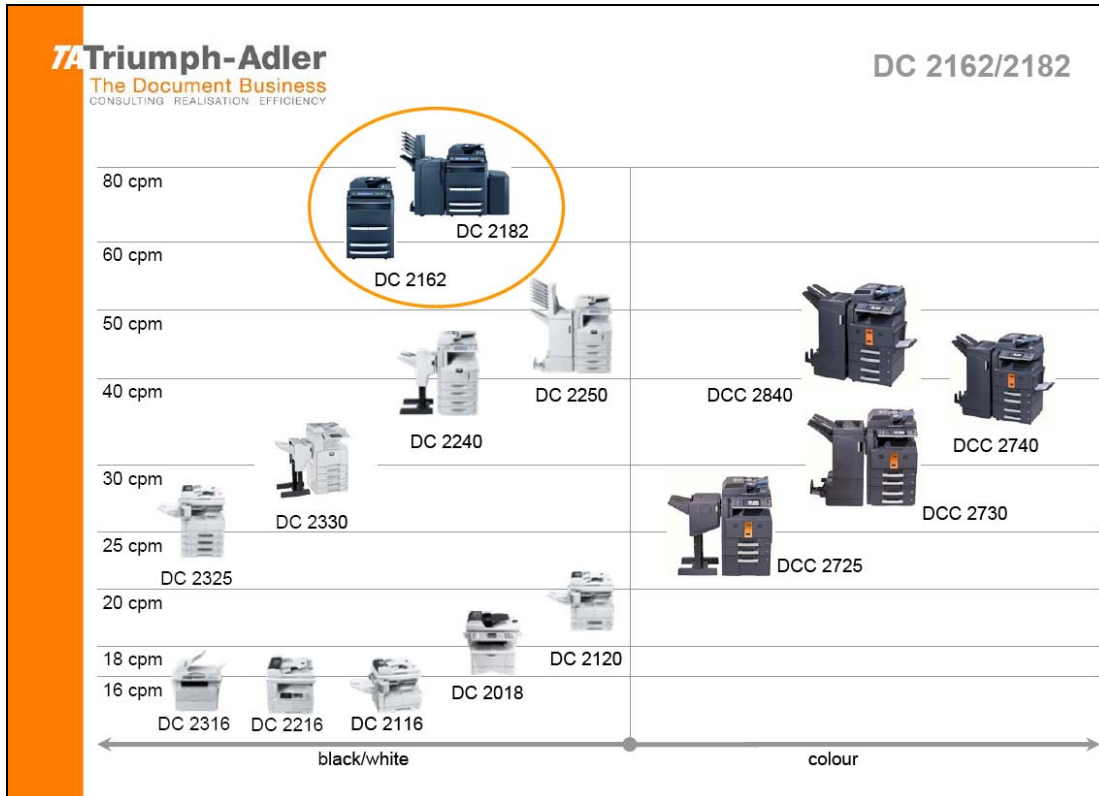
2.2 Target groups and applications

The major target groups for the new high volume copiers with scan and print options are large departments that regularly produce large print volumes as well as central reprographic in-house departments or copy shops.

The DC 2162 and DC 2182 can be installed anywhere where there is a constant demand for the reproduction of high volume b/w copying, printing or scanning. The standard duplex scan and duplex print functions provide for highly efficient output while gently handling the originals and saving paper at the same time.

Application examples for central installations (large departments):

Hand-outs, instruction manuals, statistics, forms, calculations, invoices, delivery notes, etc.

Application examples for in-house reproduction departments:

Internal messages, manuals, budgets, forms, etc.

3 Technology

3.1 Basic technology

The DC 2162 and DC 2182 are based on the same technology as their predecessors DC 2060 and DC 2080. That means they are digital b/w copiers with print and scan options.

3.2 Innovations and improvements

Compared to their predecessors the two new models have a higher print and copy speed of 62 and 82 A4 pages per minute respectively, a higher scanning speed of up to 110 images (= 55 originals) per minute in duplex mode as well as an increased productivity when processing mixed originals and booklets.

The DC 2162 and DC 2182 have a large, adjustable touch screen for easy operation. The document processor has several status indicators and its opening angle can be limited. The cassette handles ensure easy opening and closing of the paper drawers and are especially suitable for physically challenged users. Moreover, both products offer the same range of options as their predecessors, which are, with a few exceptions, not compatible with each other. A new copy kit with a higher yield is also provided.

3.3 Supported operating systems

Printer Drivers			
OS	Classic 32/64 Bit PCL/KPDL	KX 32/64 Bit	TWAIN 32/64 Bit
Windows 2000	yes/-	yes/yes	yes/yes
XP	yes/yes*	yes/yes	yes/yes
Vista	yes/yes*	yes/yes	yes/yes
Server 2003	yes/yes*	yes/yes	yes/yes
Server 2008	yes/yes*	yes/yes	yes/yes
	OS 9.x PPD/Installer	OS X PPD/Installer	
Mac	yes	yes	

Novell NetWare is supported. A Linux PPD (driver Ver. 8.4) is available.
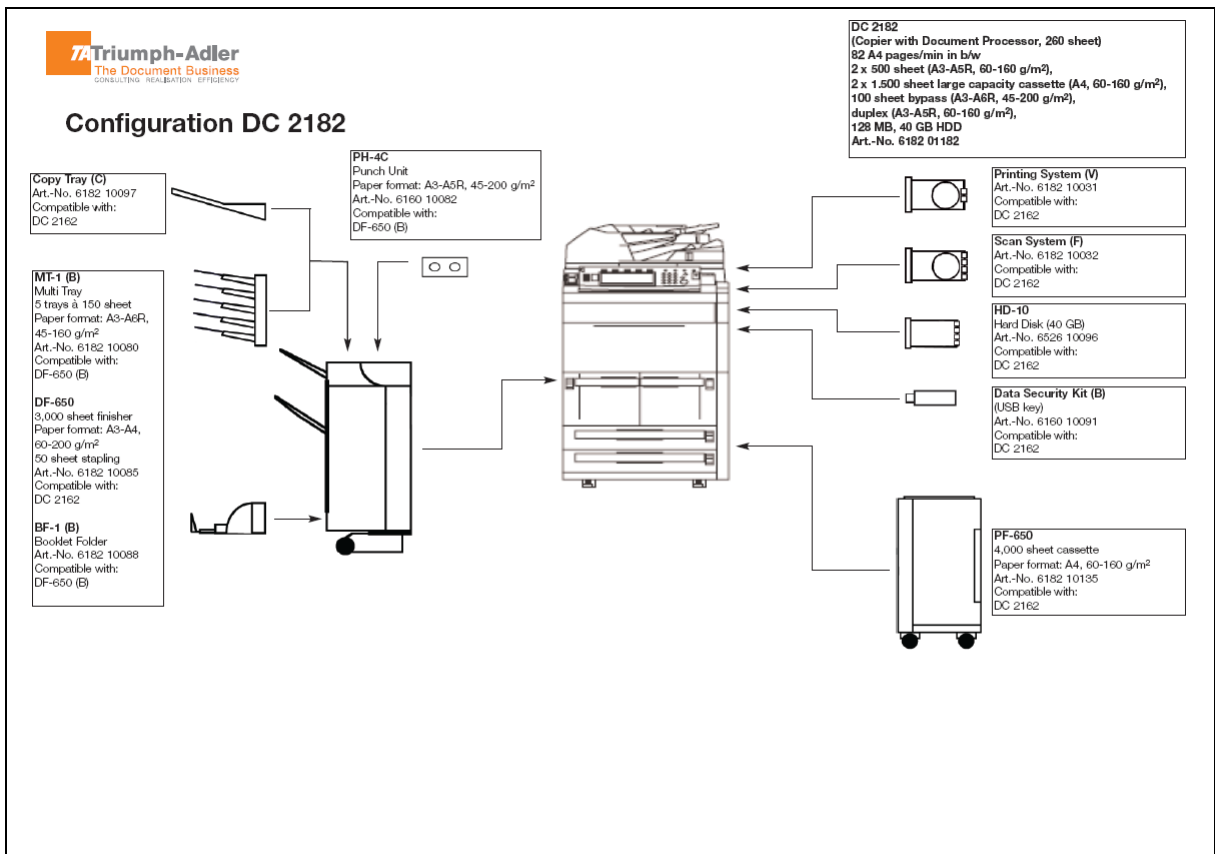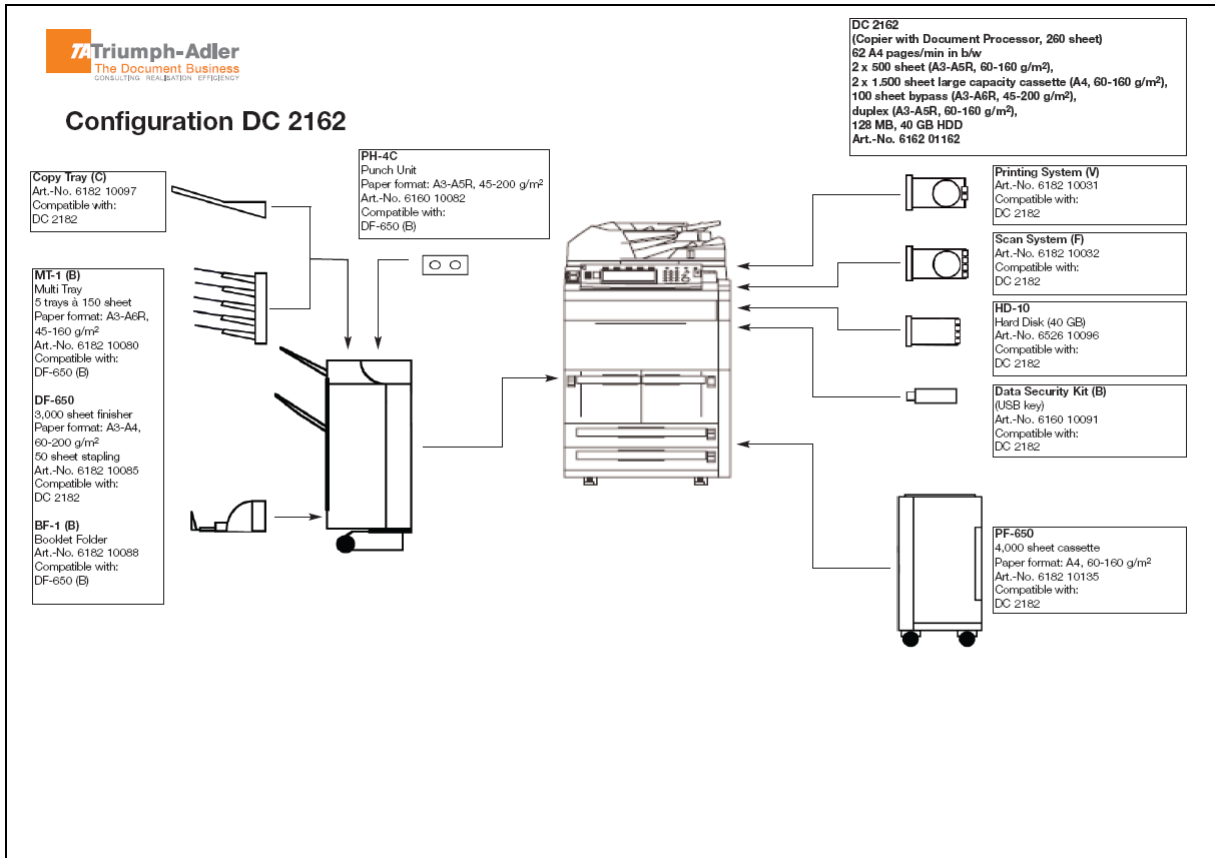
*Windows certified KPDL driver

4   Specifications

4.1   Basic technical data

		DC 2162	DC 2182
Print speed (pages per minute)		62 A4 31 A3	82 A4 41 A3
Memory (MB RAM)		128, 40 GB hard disk	
1st copy (seconds)		3.6	2.9
Warm-up time (seconds)		30	
Warm-up time from sleep-mode (sec.)		approx. 30	
Resolution / greyscales		600 x 600 dpi, up to 1,800 dpi level x 600 dpi / 256	
Paper feed (sheet)	cassette	2 x 500, 2 x 1,500	
	bypass	100	
Optional large capacity cassette (sheet capacity)		4,000	
Paper formats	cassette	A3-A5R, large capacity cassette: A4	
	bypass	A3-A6R	
	duplex	A3-A5R	
Paper weights (g/m^2)	cassette	60-160	
	bypass	45-200	
	duplex	60-160	
Output capacity (sheet)	face-down	250	
Duplex	standard	A3-A5R	
Touch Screen		8.5 inch LCD	
Dimensions in mm (H x W x D)		1,190 x 680 x 811	
Weight (kg)		188	
Life time (pages)		3,600,000	4,800,000
Recommended monthly volume (pages)		60,000	80,000
Maintenance kit (pages)		500,000	
Toner kit yield (pages) at 6 % coverage (ISO 19752/10561)		55,000	

4.2   Configuration

Configuration DC 2162

DC 2162
(Copier with Document Processor, 260 sheet)
62 A4 pages/min in b/w
2 x 500 sheet (A3-A5R, 60-160 g/m²),
2 x 1.500 sheet large capacity cassette (A4, 60-160 g/m²),
100 sheet bypass (A3-A6R, 45-200 g/m²),
duplex (A3-A5R, 60-160 g/m²),
128 MB, 40 GB HDD
Art.-No. 6162 01162

Copy Tray (C)
Art.-No. 6182 10097
Compatible with:
DC 2182

PH-4C
Punch Unit
Paper format: A3-A5R, 45-200 g/m²
Art.-No. 6160 10082
Compatible with:
DF-650 (B)

MT-1 (B)
Multi Tray
5 trays à 150 sheet
Paper format: A3-A6R,
45-160 g/m²
Art.-No. 6182 10080
Compatible with:
DF-650 (B)

DF-650
3,000 sheet finisher
Paper format: A3-A4,
60-200 g/m²
50 sheet stapling
Art.-No. 6182 10085
Compatible with:
DC 2182

BF-1 (B)
Booklet Folder
Art.-No. 6182 10088
Compatible with:
DF-650 (B)

Printing System (V)
Art.-No. 6182 10031
Compatible with:
DC 2182

Scan System (F)
Art.-No. 6182 10032
Compatible with:
DC 2182

HD-10
Hard Disk (40 GB)
Art.-No. 6526 10096
Compatible with:
DC 2182

Data Security Kit (B)
(USB key)
Art.-No. 6160 10091
Compatible with:
DC 2182

PF-650
4,000 sheet cassette
Paper format: A4, 60-160 g/m²
Art.-No. 6182 10135
Compatible with:
DC 2182

Configuration DC 2182

DC 2182
(Copier with Document Processor, 260 sheet)
82 A4 pages/min in b/w
2 x 500 sheet (A3-A5R, 60-160 g/m²),
2 x 1.500 sheet large capacity cassette (A4, 60-160 g/m²),
100 sheet bypass (A3-A6R, 45-200 g/m²),
duplex (A3-A5R, 60-160 g/m²),
128 MB, 40 GB HDD
Art.-No. 6182 01182

Copy Tray (C)
Art.-No. 6182 10097
Compatible with:
DC 2162

PH-4C
Punch Unit
Paper format: A3-A5R, 45-200 g/m²
Art.-No. 6160 10082
Compatible with:
DF-650 (B)

MT-1 (B)
Multi Tray
5 trays à 150 sheet
Paper format: A3-A6R,
45-160 g/m²
Art.-No. 6182 10080
Compatible with:
DF-650 (B)

DF-650
3,000 sheet finisher
Paper format: A3-A4,
60-200 g/m²
50 sheet stapling
Art.-No. 6182 10085
Compatible with:
DC 2162

BF-1 (B)
Booklet Folder
Art.-No. 6182 10088
Compatible with:
DF-650 (B)

Printing System (V)
Art.-No. 6182 10031
Compatible with:
DC 2162

Scan System (F)
Art.-No. 6182 10032
Compatible with:
DC 2162

HD-10
Hard Disk (40 GB)
Art.-No. 6526 10096
Compatible with:
DC 2162

Data Security Kit (B)
(USB key)
Art.-No. 6160 10091
Compatible with:
DC 2162

PF-650
4,000 sheet cassette
Paper format: A4, 60-160 g/m²
Art.-No. 6182 10135
Compatible with:
DC 2162

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Standard	DC 2162/2182
Document processor	260 originals, duplex scan, A3-A5R, 45-160 g/m², 62 / 82 originals A4/min
Paper feed	2 x 500 sheet + 2 x 1,500 sheet + 100 sheet bypass
Duplex	stackless, A3-A5R, 60-160 g/m²
Hard disk	40 GB
Memory	128 MB

Option	Print System (W)
Type	Can be integrated within the system
Print formats	A3-A6R
Resolution	600 x 600 dpi, up to 1,800 dpi level x 600 dpi (Fast 1.200 dpi)
Processor	PowerPC 750FX/600 MHz
Print memory MB RAM	64 / max 512 (2 slots), 40 GB hard disk (optional)
Interfaces	High-Speed USB 2.0, 10/100BaseTX, USB host, CF slot
Network protocols	TCP/IP, IPX/SPX, Net BEUI, EtherTalk
Operating systems	Windows 2000, XP, Server 2003/2008, Vista, Novell NetWare, Linux, Mac ex OS 10.2
Emulations	PCL6, KPDL 3 (PS 3 kompatibel), AES, PRESCRIBE IIe, Line Printer, Diablo 630, KCGL, IBM Proprinter X24E, Epson LQ-850
Fonts	80 (PCL6), 136 (KPDL 3), 1 Bitmap
Functions	PDF direct printing, printing of e-mails, barcode printing (module type A)

Option	Scan System (H)
Scan type	CCD b/w
Scan formats	max A3
Scan speed (A4)	Simplex: max 82 pages/min (600 dpi)/max 100 pages/min (300 dpi) Duplex: max 82 pages/min (600 dpi)/max 110 pages/min (300 dpi)
Scan resolution	200, 300, 400, 600 dpi
Scan mode	Photo, text, photo/text, OCR
File types	TIFF, PDF
Interface	10/100BaseTX
Operating systems	Windows 2000, XP, Vista
Software	Scanner File Utility, address book, address book editor
Functions	Scan to SMB, scan to PC, scan to e-mail, scan to FTP, TWAIN scan, 40 sender addresses, SMTP authentication, LDAP

Option	PF-650 (B)
Type	4,000 sheet large capacity cassette
Paper formats	A4
Paper weights	60-160 g/m²
Dimensions	693 x 371 x 589 mm (H x W x D)
Weight	41 kg

Option	DF-650 (B)
Type	External finisher
Capacity	max 3,000 sheet A4 / 1,500 sheet A3, subtray: max 200 sheet A4
Paper formats	A3-A5R
Paper weights	60-200 g/m²
Stapling capacity	50 sheet stapling (A4, 80 g/m²) / 30 sheet (A3, 80 g/m²)
Stapling position	4 positions, upper/lower corner, 2 in the centre
Dimensions	1,070 x 796 x 640 mm (H x W x D)
Weight	75 kg

Option	BF-1 (B) for DF-650 (B)
Type	Brochure folding modules
Capacity	1-5 sheet: 30 sets 6-10 sheet: 20 sets 11-16 sheet: 10 sets
Folding capacity	16 sheet (64 sets)
Paper weights	60-200 g/m²
Dimensions	252 x 590 x 430 mm (H x W x D)
Weight	24 kg

Option	PH-4C for DF-650 (B)
Type	Punch unit, 2/4 hole punching
Paper formats	A3-A5R
Paper weights	45-200 g/m²
Capacity	endless (single page punching)
Capacity punch hole waste box	100,000
Dimensions	100 x 82 x 490 mm (H x W x D)
Weight	3 kg

Option	MT-1 (B) for DF-650 (B)
Type	Mailbin tray (5 trays)
Capacity	150 sheet/tray A4 / 100 sheet A3
Paper formats	A3-A6R
Paper weights	45-200 g/m²
Dimensions	401 x 375 x 573 mm (H x W x D)
Weight	15 kg

Other Options	DC 2162/2182
Data Security Kit B	Upgrade kit for overwriting of hard disk data
Copy Tray C	250 sheet output tray (if no finisher is installed)
HD-10	Printer hard disk (40 GB)
UT-110G	Network card 10/100BaseTX
Barcode Module	Type A

4.3 Consumables

	DC 2162/2182
Copy kit	55,000 pages
Starter copy kit	Not available
Drum/developer	500,000 pages (included as standard)
Maintenance kit	MK-660 A/B (500,000 pages)

The DC 2162 and the DC 2182 use new, exclusive copy, maintenance and parts kits. The waste toner box lasts for 500,000 pages.

The toner cartridges are electronically and mechanically coded. The electronic coding ensures that the system automatically recognises and displays whether original toner has been installed, while the mechanic hardware coding makes installation into other systems that are identical in construction impossible.

Maintenance kit A is used for the first maintenance, kit B for subsequent maintenance.

4.4 Media recommendations

The standard and optional universal paper cassettes hold formats from A3-A5R with a weight of 60-160 g/m². The duplex unit processes weights of 60-160 g/m² (with the predecessors, the weight was limited to max 105 g/m²).

Via the multi-bypass formats from A3-A6R with a weight ranging from 45 to 200 g/m² can be processed, i. e. also special media like

- OHPs
- preprinted paper
- coated paper
- punched paper
- thin paper
- thick paper
- envelopes
- labels

The possibility to proceed such a great variety of media and paper weights perfectly caters for the different user applications and demands.

4.5 Footprint and installation

The DC 2162/2182 require an installation space of 1,480 x 811 mm (W x D) without finisher and 1,848 x 811 mm (W x D) with finisher and large capacity cassette.
The packing of the DC 2162/2182 includes a "ramp", which ensures that the systems can be removed from the carton and installed easily and quickly.
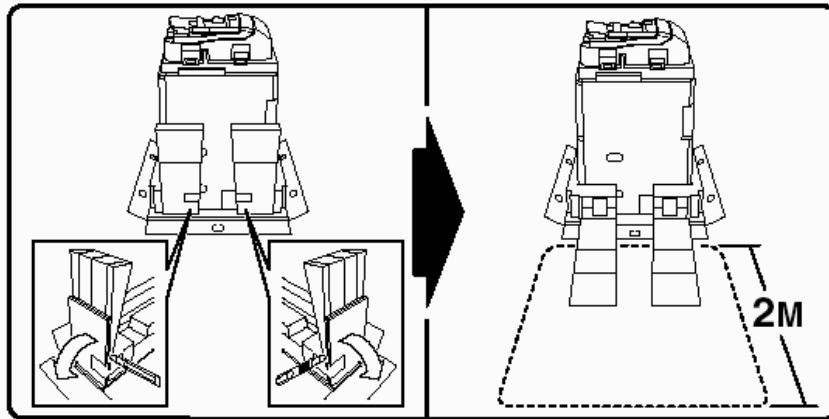
5   Key purchasing factors

5.1   Quality

➢ Resolution/greyscales

The DC 2162/2182 copy, print and scan with a resolution of up to 600 x 600 dpi and 1,800 dpi level x 600 dpi respectively, at 256 greyscales.

5.2   Productivity

➢ Copy/print/scan speed

With 62/82 A4 and 31/41 A3 pages per minute the DC 2162 and DC 2182 are very productive multifunctional systems:

Copying/printing:

Paper format	DC 2162/2182 simplex	DC 2162/2182 duplex
A4	62/82	62/81
A4R	43/54	33/42
A3	31/41	28/36
A5	30/40	30/41

Scanning:

Paper format	Simplex (300 dpi)	Simplex (600 dpi)	Duplex (300 dpi)	Duplex (600 dpi)
A4	100 opm/ipm*	82 opm/ipm	55/110 opm/ipm	41/82 opm/ipm

*opm = originals per minute / ipm = images per minute

The scan productivity is among the highest compared with the competition and also the capacity of the standard document processor is outstanding with 260 originals. This ensures the efficient processing of large print and copy jobs. Moreover, the duplex scan feeding capability of the document processor guarantees gentle handling of the originals and positively impacts the scanning productivity as double-sided originals can be processed in one run without reversing them. In the unlikely event that the large capacity of the feeder is not sufficient, additional originals can be scanned in by selecting the „batch scan" function. All originals that have been scanned in will then be processed in one run and output as complete sets.

The possibility to program jobs considerably facilitates the daily work and increases productivity at the same time, as complex, frequently repeated job settings need not be re-programmed each time.

Additionally, the productivity in processing mixed originals and thick paper as well as booklets has been increased.

➢ 1st page/warm-up time

Also in terms of 1st page output and warm-up time the DC 2162 and the DC 2182 are faster than the majority of their competitors:

Model	1st page	Warm-up time
TA Triumph-Adler DC 2162	**3.6**	**30**
Canon iR5065	3.3	30
Konica Minolta bizhub 601	3.3	370
Panasonic Workio DP 8060	3.5	180
Ricoh Aficio MP 6000	4.2	30
Ricoh Aficio MP 7000	3.5	30
Sharp MX-M620U	4.0	120
Sharp MX-M700U	3.5	120
Toshiba e-Studio603	4.0	130
Toshiba e-Studio723	4.0	130
Xerox WorkCentre 5665	2.7	28

Model	1st page	Warm-up time
TA Triumph-Adler DC 2182	**2.9**	**30**
Canon iR5075	3.1	30
Konica Minolta bizhub 751	2.9	300
Ricoh Aficio MP 8000	3.5	60
Sharp MX-M850	4.0	240
Toshiba e-Studio853	3.5	130
Xerox WorkCentre 5675	2.7	28
Xerox WorkCentre 5687	2.7	28

5.3 Cost effectiveness

The DC 2162/2182 offer attractive TCO (Total Cost of Ownership) values combined with a high level of reliability and low down-times. Thanks to their modular construction, options can be upgraded any time as necessary, which means that the systems grow with the corresponding user requirements.

5.4 Reliability and technical improvements

Excellent print quality at a low jam rate is one of the many strengths of the DC 2162 and the DC 2182. Long life consumables (drum: 500,000 pages, copy kit: 55,000 pages) as well as high monthly volumes of 60,000 and 80,000 pages respectively, complete the concept of these new „light production" systems and guarantee a high level of productivity and low down-times.

Among the technical improvements are the increased capacity of the document processor (260 instead of the current 200 sheets) as well as the possibility to feed paper weights of up to 160 g/m² compared to the current 105 g/m² in duplex mode.
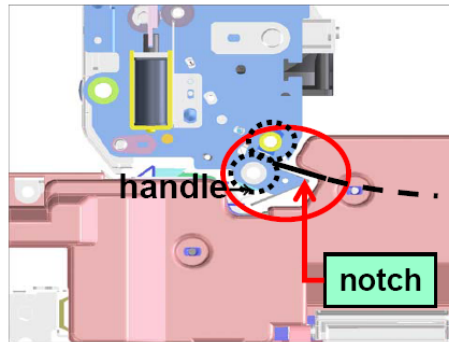
Apart from the above mentioned improvements a constructional modification of the duplex unit now guarantees easier jam removal:

DC 2060/2080
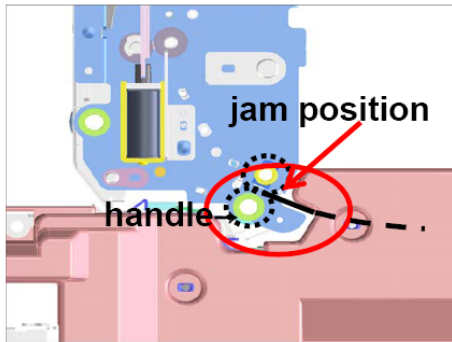
DC 2162/2182

When turning the DC 2060/2080's handle of the duplex transport roller, jammed paper could tear easily and not be removed properly.

The DC 2162/2182's duplex transport roller is equipped with a notch which ensures jammed paper to be removed easily without tearing it.

The paper setting in the cassettes was changed in order to ensure that also non-standard formats are optimally aligned for the printing process.

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5.5 User-friendliness and security

➢ Appealing design, also suitable for physically challenged users

The new DC 2162/2182 convince thanks to their appealing anthracite design as well as the following features, which make them also especially suitable for physically challenged users: an adjustable panel with touch screen (1), a limitable opening angle of the document processor (2), status LEDs (3), cassette handles that can be operated from either side - top and bottom - (4) as well as a large clip holder (5).

➢ Operation panel and functions

The large adjustable operation panel with touch screen ensures easy and intuitive operation of the systems. Separate keys allow for quick selection of the copy, print or scan functions. Via the „program" keys, 8 individually pre-programmed jobs can be accessed quickly. Thus, complex, frequently used settings can be recalled with the touch of a button, eliminating the need to re-program them each time.

Apart from the usual spectrum of copy functions, special features like e.g. form overlay and booklet production are available. When selecting „Proof Copy" a single set of a large print job can be produced in advance so that the result can be checked and revised, if required, prior to producing the whole number of copies. Large amounts of waste copies and prints can thus be avoided.

Programming of multi-page jobs enables users to select different settings for individual parts of their original set, such as exposure, zoom, paper size, duplex mode or finishing requirements, and to process the entire job in one run. Manual collation of individual job sets is thus obsolete.

➢ Modular concept

The modular ancillaries of the DC 2162 and the DC 2182 make sure that both systems grow with the users' needs. As standard b/w copiers they can be upgraded with optional print and scan functions as well as various finishing options including booklet folding and punch modules, an optional large capacity cassette, a Data Security Kit as well as additional options for the print system (printer hard disk, network card, barcode module).

➢ Large capacity of the duplex-scan document processor

Compared with competitive models, the DC 2162 and DC 2182 offer the largest capacity of the document processor in their class, namely 260 originals:

Model	Capacity document processor (sheet)
TA Triumph-Adler DC 2162	**260**
Canon iR5065	100
Konica Minolta bizhub 601	100
Panasonic Workio DP 8060	70
Ricoh Aficio MP 6000	100
Ricoh Aficio MP 7000	100
Sharp MX-M620U	150
Sharp MX-M700U	150
Toshiba e-Studio603	100
Toshiba e-Studio723	100
Xerox WorkCentre 5665	100

Model	Capacity document processor (sheet)
TA Triumph-Adler DC 2182	**260**
Canon iR5075	100
Konica Minolta bizhub 751	100
Ricoh Aficio MP 8000	100
Sharp MX-M850	250
Toshiba e-Studio853	100
Xerox WorkCentre 5675	100
Xerox WorkCentre 5687	100

The „batch scanning" function allows to scan even more than 260 originals in one run with the DC 2162/2182.

➢ Large paper capacity

Also in view of their paper capacity the DC 2162 and DC 2182 are highly competitive:

Model	Paper capacity standard	Paper capacity maximum
TA Triumph-Adler DC 2162	**4,100**	**8,100**
Canon iR5065	4,150	7,650
Konica Minolta bizhub 601	3,600	7,600
Panasonic Workio DP 8060	2,150	6,250
Ricoh Aficio MP 6000	4,300	8,300
Ricoh Aficio MP 7000	4,300	8,300
Sharp MX-M620U	3,100	6,600
Sharp MX-M700U	3,100	6,600
Toshiba e-Studio603	3,600	7,600
Toshiba e-Studio723	3,600	7,600
Xerox WorkCentre 5665	4,700	8,700

Model	Paper capacity standard	Paper capacity maximum
TA Triumph-Adler DC 2182	**4,100**	**8,100**
Canon iR5075	4,150	7,650
Konica Minolta bizhub 751	3,600	7,600
Ricoh Aficio MP 8000	4,300	8,300
Sharp MX-M850	3,000	8,050
Toshiba e-Studio853	3,600	7,600
Xerox WorkCentre 5675	4,700	8,700
Xerox WorkCentre 5687	4,700	8,700

The high standard and optional paper capacity ensure the efficient processing of large jobs as paper needs not be replenished too often, and in case it does, this can be done during the print run without any interruptions.

➢ Efficient data management

Comprehensive „Form Box", „Shared Data Box" and „Synergy Print Box" functions for convenient data management are among the many sophisticated features just as the 1,000 management codes, factors that equally increase efficiency as well as transparency in every company.

Forms that are to be used in combination with the overlay function can be stored in the "Form Box".

The „Shared Data Box" holds electronic copies of frequently used documents, i. e. originals stored into memory can be recalled whenever needed.

The "Synergy Print Box", on the other hand, is meant to contain electronic documents for demand-oriented print output. Up to 10 stored documents can be combined into one job and all documents can also be printed as individual jobs. 100 individual boxes are available under „Synergy Print Box". These can be assigned to individual users or whole departments. If the DC 2162/2182 are equipped with optional print and/or scan functions, print or scan data can also be stored in the "Synergy Print Box".

Queue management allows to control several copy and print jobs in the queue, their priority can be changed and jobs can be cancelled or completely deleted.

➢ Data security

Given such a great variety of features that are accessible via the network, the increasing security requirements of the users have to be taken into account: security functions such as network authentication, IP filtering, SSL encryption in print mode and much more are available with the DC 2162/2182.

Through installation of the optional Data Security Kit B it is possible to overwrite HD data (copier HD as well as printer HD) as soon as the job is finished. Data are thus reliably protected against third party access and unauthorised use. Data Security Kit B complies with the ISO 15408 EAL3 standard.

6 Comparison with predecessors

Feature/model	DC 2060/1080	DC 2162/2182
Copy/print speed A4 A3	 60/80 31/41	 62/82 31/41
Scan speed Simplex/A4/300 dpi Duplex/A4/300 dpi	 80 opm/ipm 40 opm/80 ipm	 100 opm/ipm 55 opm/110 ipm
Capacity document processor	200 Blatt	260 Blatt
Paper weight duplex	60-105 g/m²	60-160 g/m²
Copy kit yield	47,000	55,000
Options		
Copy Tray	Eject Tray	(C)
Finisher	DF-650	DF-650 (B)
Brochure folding module	BF-1	BF-1 (B)
Punch module	PH-4C	PH-4C
Mailbin tray	MT-1	MT-1 (B)
Large capacity cassette	PF-650	PF-650 (B)
Print system	(V)	(W)
Scan system	(F)	(H)
Data Security Kit	(B)	(B)
Hard disk	HD-10	HD-10
Network card	UT-110G	UT-110G

7 Marketing support

7.1 Available marketing materials

➢ Instruction Handbooks

The following Instruction Handbooks are
available for the new DC 2162/2182:

- o Basic
  (German, English, French, Italian, Spanish)

- o Advanced
  (English, French, Italian, Spanish)

- o Combined
  (Dutch, Polish, Portuguese, Lithuanian)

➢ Product pictures

Six press pictures each for use in presentations, press releases, etc. were produced.

➢ Brochure

A four-page brochure each for DC 2162 and DC 2182 were designed:

The above mentioned materials are available for download from our website:

www.triumph-adler.com => Download Centre

➢ Product presentation

A detailed product presentation in PowerPoint format was made which might be used by the sales force for self-training purposes or to present the product to the customer.

The presentation can be downloaded from our partner area:

www.triumph-adler.com => Partnersite login => Sales & Marketing => Marketing or Sales, respectively

From our partner area you can also access:

o Instruction Handbooks
o print samples
o brochures
o Sales Guides
o Logos
o overview of optional network cards
o TA Triumph-Adler Sales Library
o TA Triumph-Adler Encyclopedia
o environmental data and certificates (see below)

➢ Poster

A combined DC 2162/2182 poster was produced:

The above mentioned materials as well as information regarding showroom equipment and other promotional materials can be found in our partner area:

> www.triumph-adler.com => Partnersite login => Sales & Marketing
> => Advertisement

Please also refer to our Sales Promotion CD which offers additional material.

➢ Press releases

Press releases are available from our public website:

> www.triumph-adler.com => Press => Press Products

7.2   Environment

Various certificates and data sheets can be downloaded from our website, also for the DC 2162/2182:

➢ Material safety data sheets for systems, toner and drums or maintenance kits, respectively

> www.triumph-adler.com => Download Centre => Environment / Safety

➢ Declarations of Conformity, CE reports, PTS and TÜV certificates can be found under:

> www.triumph-adler.com => Partnersite login => Sales & Marketing
> => Marketing

Contacts for any additional queries concerning the new DC 2162/2182 as well as other subjects concerning marketing support and environmental issues can be found under:

> www.triumph-adler.com => Partnersite login => Sales & Marketing
> => "Who is Who?"

8 Competition DC 2162

	TA Triumph-Adler	Canon	Konica Minolta	Panasonic	Ricoh
Manufacturer	TA Triumph-Adler	Canon	Konica Minolta	Panasonic	Ricoh
Model	DC 2162	iR 5065	bizhub 601	Workio DP 8060	Aficio MP 6000
Launch Date	07/2009	06/2007	12/2008	02/2007	05/2008
Features					
Copy	standard	standard	standard	standard	standard
Print	optional	standard (PCL)	optional (hard disk required)	standard	optional SP-version with standard printer
Scan	optional	optional	optional	standard	optional SP-version with standard scanner
- b/w	yes		yes		yes
- colour	no		no		no
Fax	no	optional	optional	optional	optional
Hardware					
ADF					
RADF	standard (260 sheet)	standard (100 sheet)	standard (100 sheet)	standard (70 sheet)	standard (100 sheet)
Duplex-Scan	standard	standard	no		standard
Paper cassette(s)					
- standard	4	4	4	2	4
- optional	1	1	1	2	1
Finisher	3.000 sheet/ 50 sheet stapling	tray A: 250 sheet, tray B: 1.300 sheet, tray C: 2.450 sheet - stapling: 50 sheet	3.200 sheet with 50-sheet-stapling or 100-sheet-stapling	1- or 2-tray finisher with 50 sheet stapling, booklet stapling	3.000 sheet/100 sheet stapling, 3.000 sheet/ 50 sheet stapling, 2.000 sheet bookletfinisher
Memory Expansion	max. 512 (only for printoption)	no	1 GB	16/64/128 (for copier) 50 MB + 6 GB (only for printer)	no
Hard Disk	40 GB	40 GB	optional: 80 GB	40 GB	80 GB
Data Security Kit	optional	optional	optional	optional	optional
Monthly Copy/Print Volume	60.000	55.000	30.000-50.000	30.000-50.000	30.000-50.000
Paper capacity					
- cassette(s)	4.000 sheet	4.150 sheet	3600 sheet	1.550 + 550 sheet	4.200 sheet
- Bypass	100 sheet	50 sheet	100 sheet	50 sheet	100 sheet
max. paper capacity	8.100 sheet	7.650 sheet	7.600 sheet	6.250 sheet	8.300 sheet
Paper formats					
- cassette(s)	A3-A5R	A3-A5R	A3-A5	A3-A5R	A3-A5R
- Bypass	A3-A6R	A3-A5R	A3-A6	A3-A5R	A3-A5R
Paper weights					
- cassette(s)	60-160 g/m²	64-200 g/m²	60-200 g/m²	60-90 g/m²	53-128 g/m²
- Bypass	60-200 g/m²	64-200 g/m²	50-200 g/m²	55-133 g/m²	53-216 g/m²
Paper output					
- face down	250 sheet			1.000	n.a.
- face up	n.a.				n.a.
max. original format	DIN A3	DIN A3	A3	DIN A3	DIN A3
Dimensions in mm (H x B x T)	1.190 x 680 x 811	1.207 x 643 x 743	1.140 x 886 x 859	900 x 600 x 757	1.165 x 690 x 790
Weight (kg)	188	220	224	138	206
Copy Functions					
Copy speed (cpm)	62	65	60	60	60
Warm-up time (sec.)	30	30	270	180	30
1st copy (sec.)	3,6	3,3	3,3	3,5	4,2
Resolution (dpi)	600 x 600 1.800 dpi level x 600 dpi	1.200 x 600 interpol.	1.200 x 600	600 x 600	1.200 x 600
Grey scales	256	256	256	256	256
Zoom	25 - 400%	25 - 400%	25 - 400%	25 - 400%	25 - 400%
Fixed zoom ratios				5R/5E	
System memory					
- standard (MB)	128	1 GB	1 GB	32 + 32	256
- maximum (MB)	128	1 GB	1 GB	160	512
Hard Disk	40 GB	40 GB	80 GB	40 GB optional	80 GB
Scan Once - Copy Many	standard	standard	standard		
Electronic sort	standard				
Rotation sort	standard		standard		
Offset		optional	optional		
Job Reservation	standard	standard	standard		
overlay/Watermark	standard	standard (overlay)	standard		
N-up copy	standard	standard	standard		
Continuous copy	1 - 9.999	1 - 9.999	1-999	1-999	1 - 999
Print Functions	optional	standard (PCL)	optional hard disk required	standard	optional (standard for SP-version)
PDL					
- PCL5e/6	standard (PCL 6)	standard	standard	optional	standard
- PS2					
- PS3	standard	optional	standard	optional	optional
- GDI	no	no	no	yes	no
- other	AES, PRESCRIBE IIe, Line Printer, Difromlo 630, KCGL, IBM Proprinter X24E, Epson LQ-850	UFR II	Direktprint USB-Stick	Panasonic Printing System for Windows	
I/F					
- parallel	IEEE 1284	--	--	IEEE 1284	IEEE 1284 (optional)
- USB	USB 2.0	USB	USB 2.0	USB 2.0	USB 2.0
- network	10/100BaseTX	100BaseTX/10BaseT	10/100/1000BaseT	10/100BaseTX	10Base-T/100BaseTX
Operating Systems					
- Windows 98/SE/ME		yes (98/ME)		yes	
- NT 4.0		no		yes	
- Windows 2000	yes	yes	yes	yes	yes
- Windows XP	yes	yes	yes	yes	yes
- Novell	yes	yes	yes	yes	yes
- MAC	yes (from OS 10.2)	yes (OS X 10.2.8 or higher)	yes (9.x/10.x)	yes (8.6-10.4)	yes (8.6 or higher or OS X 10.1 or higher)
- UNIX	yes		yes		yes
- SAP	yes		yes		(R/3 or higher/mySAP)
Print speed (ppm)	62	65	60	60	60
Resolution (dpi)	600 x 600 1.800 dpi level x 600 dpi	1.200 x 1.200	2.400 x 600	600 x 600 1.200 x 600	1.200 x 1.200
Processor	600 MHz	400 MHz optional Multi PDL Printer: 2,8 GHz	1 GHz		
PDF Direct print	yes		yes		
LDAP	yes	yes	standard		
SAP Barcode print	yes				
OCR-A, -B					
Booklet	yes		standard		
Private print	yes		standard		

	TA Triumph-Adler	Canon	Konica Minolta	Panasonic	Ricoh
Manufacturer	TA Triumph-Adler	Canon	Konica Minolta	Panasonic	Ricoh
Model	DC 2162	iR 5065	bizhub 601	Workio DP 8060	Aficio MP 6000
Scan Functions					
b/w	optional	standard	standard	standard	standard
colour	no	no	no	no	no
Speed/min.	up to 110 images	up to 100 images	75 originals	60 originals	75 originals
Resolution					
- b/w (dpi)	max. 600 x 600	600 x 600	600 x 600	600 x 600	max. 600
- colour (dpi)	no	no	no	no	no
Grey scales	256	256	256	256	256
Scan to e-mail	yes	optional	yes	yes	yes
Scan to PC	yes	optional	yes		
Scan to FTP	yes	optional	yes		yes
TWAIN	yes		yes		yes
Operating Systems					
- Windows	yes	yes	yes	yes	yes
- MAC	no				
- other	--				
File formats					
- TIFF	yes	yes	yes	yes	yes
- PDF	yes	yes	yes	yes	yes
- JPEG	no	no	no		yes
- other	--	MTIFF	XPS		
I/F					
- USB	no		n.a.		
- network	10/100BaseTX		n.a.	10/100BaseTX	Network TWAIN
- other	--		--		--
Fax Functions	Nicht verfügbar			optional	optional
Compatibility		Super G3	Super G3	G 3	Super G3
Modem speed			33.600 bps	33.6 Kbps	33,6 Kbps
Transmission time (sec.)			n.a.	2,9	
Compression					
- JBIG		yes	yes	yes	yes
- MMR		yes	yes	yes	yes
- MR		yes	yes	yes	yes
- MH		yes	yes	yes	yes
Resolution					
- standard				yes	
- fine				yes	
- superfine				yes	
- ultrafine			600 x 600 dpi		
- other				600 x 600	400 x 400
standard Memory (MB)		120	32	3	4 MB
Page Capacity		8.000		180	
Memory Expansion (MB)					24 MB
One touch dials		199	200	270	
frombreviated dials		1.800	1.000	800	
Group dials					
Delayed transmission			yes		
Broadcast			yes		
Dual access			yes		
Duplex reception			yes		
Auto redialling			yes		
Fax to e-mail					
PC-Fax					
Consumfromles					
Toner/Copy Kit	55.000	45.000	55.000	37.000	43.000
Drum	4.800.000	3.000.000	500.000	360.000	1.200.000
Developer			250.000	240.000	350.000
Power Consumption (Watt)					
Max.	1.800 Watt	2.300	2.000 Watt	1.500	1.850 Watt
Remarks					
	2/4-tray punch option, booklet folding module, 1.000 management codes	N-version = copy/print standard, C- and Z-folding option, post inserter, data security kit, barcode printing security watermark, offset output, 1.000 management codes	bookletfinisher, post inserter Z-folding unit, Security-Chip, Card Reader, Finger vene-scanner, print-controller, hard disk for Box function etc., 1.000 management codes	punch option	SP-version with standard printer and scanner, post inserter, 9-tray mailbox, punch unit (2/4 holes), Z-folding, 2. fax unit, Data Security Kit

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	TA Triumph-Adler	Ricoh	Sharp	Sharp	Toshiba	Xerox
Manufacturer	TA Triumph-Adler	Ricoh	Sharp	Sharp	Toshiba	Xerox
Model	DC 2162	Aficio MP 7000	MX-M620U	MX-M700U	e-Studio 603	WC 5665
Launch Date	07/2009	05/2008	03/2007	03/2007	03/2008	09/2007
Features						
Copy	standard	standard	standard	standard	standard	standard
Print	optional	optional SP-version with standard printer	optional	optional	optional	optional for copier-ver standard for copier/printer-ver
Scan	optional	optional SP-version with standard scanner	optional	optional	optional	optional for copier-ver standard for copier/printer-ver
- b/w	yes	yes	yes	yes	yes	yes
- colour	no	no	no	no	no	optional
Fax	no	optional	optional	optional	Option	optional
Hardware						
ADF						
RADF	standard (260 sheet)	standard (100 sheet)	standard (150 sheet)	standard (150 sheet)	standard (100 sheet)	standard (100 sheet)
Duplex-Scan	standard	standard	standard	standard	no	
Paper cassette(s)						
- standard	4	4	4	4	4	4
- optional	1	1	1	1	1	1
Finisher	3.000 sheet/ 50 sheet stapling	3.000 sheet/100 sheet stapling, 3.000 sheet/ 50 sheet stapling, 2.000 sheet bookletfinisher	3.000 sheet/50 sheet stapling, 2.000 sheet/50 sheet stapling + 15 sheet saddle stapling	3.000 sheet/50 sheet stapling, 2.000 sheet/50 sheet stapling + 15 sheet saddle stapling	4.000 sheet/50 sheet stapling, 4.000 sheet/50 sheet stapling with saddle stapling (15 pages),4.000 sheet/100 stapling	1.500 sheet/ 50 sheet stapling, 60-page booklet, 2-tray punching; 3.000 sheet/ 100 sheet stapling, 2-tray punching; 3.000 sheet/ 100 sheet stapling, 60-page booklet
Memory Expansion	max. 512 (only for printoption)	no	348	348	256	max. 768 MB for copier, max. 1.024 for copier/printer
Hard Disk	40 GB	80 GB	40 GB	40 GB	40 GB	80 GB
Data Security Kit	optional	optional	optional	optional	optional	standard for copier/printer
Monthly Copy/Print Volume	60.000	50.000-100.000	50.000-100.000	50.000-100.000	30.000-50.000	250.000
Paper capacity						
- cassette(s)	4.000 sheet	4.200 sheet	3.000 sheet	3.000 sheet	3.500 sheet	8.600 sheet
- Bypass	100 sheet	100 sheet	100 sheet	100 sheet	100 sheet	100 sheet
max. paper capacity	8.100 sheet	8.300 sheet	8.050 sheet	8.050 sheet	7.600 sheet	8.700 sheet
Paper formats						
- cassette(s)	A3-A5R	A3-A5R	A3+-A5R	A3+-A5R	A5R-A3	A3-A5R
- Bypass	A3-A6R	A3-A5R	A3-A5R	A3-A5R	A5R-A3	A3-A6R
Paper weights						
- cassette(s)	60-160 g/m²	53-128 g/m²	60-105 g/m²	60-105 g/m²	64-209 g/m²	60-200 g/m²
- Bypass	60-200 g/m²	53-216 g/m²	55-209 g/m²	55-209 g/m²	64-209 g/m²	60-216 g/m²
Paper output						
- face down	250 sheet	n.a.	n.a.	n.a.	550	200 sheet
- face up	n.a.	n.a.	n.a.	n.a.	no	
max. original format	DIN A3	DIN A3	DIN A3	DIN A3	DIN A3	DIN A3
Dimensions in mm (H x B x T)	1.190 x 680 x 811	1.165 x 690 x 790	1.192 x 728 x 679	1.192 x 728 x 679	1.213 x 698 x 789	1.147 x 1.271 x 704 (copier w/ finisher) 1.147 x 1.556 x 725 (copier/printer w/ finisher)
Weight (kg)	188	206	185	185	210	156 (copier w/ finisher) 164 (copier/printer w/ finisher)
Copy Functions						
Copy speed (cpm)	62	70	62	70	60	65
Warm-up time (sec.)	30	60	120	120	130	28
1st copy (sec.)	3,6	3,5	4	3,5	4	2,7
Resolution (dpi)	600 x 600 1.800 dpi level x 600 dpi	1.200 x 600	600 x 600	600 x 600	600 x 600	600 x 600
Grey scales	256	256	256	256	256	256
Zoom	25 - 400%	25 - 400%	25 - 400%	25 - 400%	25 - 400%	25 - 400%
Fixed zoom ratios			5R/5E	5R/5E		
System memory						
- standard (MB)	128	256	128	128	320	256 (copier) 768 (copier/printer)
- maximum (MB)	128	512	384	384	576	768 (copier) 1.024 (copier/printer)
Hard Disk	40 GB	80 GB	40 GB	40 GB	40 GB	80 GB
Scan Once - Copy Many	standard		standard	standard		standard
Electronic sort	standard		standard	standard	standard	
Rotation sort	standard		standard	standard		
Offset						
Job Reservation	standard				standard	
overlay/Watermark	standard					
N-up copy	standard		standard	standard		standard
Continuous copy	1 - 9.999	1 - 999	1 -999	1 -999	n.a.	1 - 9.999
Print Functions	optional	optional (standard for SP-version)	optional	optional	optional	optional for copier-ver standard for copier/printer-ver
PDL						
- PCL5e/6	standard (PCL 6)	standard	standard	standard	PCL6 standard	standard
- PS2						
- PS3	standard	optional	optional	optional	standard	standard
- GDI	no	no	no	no	no	no
- other	AES, PRESCRIBE IIe, Line Printer, Difromlo 630, KCGL, IBM Proprinter X24E, Epson LQ-850				XPS	
I/F						
- parallel	IEEE 1284	IEEE 1284 (optional)	--	--	IEEE (802.11b/g)	
- USB	USB 2.0	USB 2.0	USB 2.0	USB 2.0	Full-Speed-USB	USB 2.0 (Option)
- network	10/100BaseTX	10Base-T/100BaseTX	10Base-T/100BaseTX	10Base-T/100BaseTX	10/100BaseT	10/100BaseT
Operating Systems						
- Windows 98/SE/ME			yes	yes	yes	
- NT 4.0			yes	yes	yes	
- Windows 2000	yes	yes	yes	yes	yes	yes
- Windows XP	yes	yes	yes	yes	yes	yes
- Novell	yes	yes	no	no	yes	yes
- MAC	yes (from OS 10.2)	yes (8.6 or higher or OS X 10.1 or higher)	yes (OS 9.0 und higher)	yes (OS 9.0 und higher)	yes (OS X)	yes
- UNIX	yes	yes			yes	
- SAP	yes	yes (R/3 or higher/mySAP)				
Print speed (ppm)	62	70	70	70	60	75
Resolution (dpi)	600 x 600 1.800 dpi level x 600 dpi	1.200 x 1.200	600 x 600	600 x 600	2.400 x 600	1.200 x 1.200
Processor	600 MHz				n.a.	1,4 GHz
PDF Direct print	yes		yes	yes		
LDAP	yes		yes	yes		
SAP Barcode print	yes		yes	yes		
OCR-A, -B			yes	yes		
Booklet	yes		yes	yes	yes	yes
Private print	yes		yes	yes	yes	

Manufacturer	TA Triumph-Adler	Ricoh	Sharp	Sharp	Toshiba	Xerox
Model	DC 2162	Aficio MP 7000	MX-M620U	MX-M700U	e-Studio 603	WC 5665
Scan Functions						optional for copier-ver standard for copier/printer-ver
b/w	optional	standard	Option	Option	Option	standard
colour	no	no	no	no	no	optional
Speed/min.	up to 110 images	75 originals	76 originals	76 originals	83	up to 85 pages b/w up to 28 pages colour
Resolution						
- b/w (dpi)	max. 600 x 600	max. 600	600 x 600	600 x 600	600 x 600	600 x 600
- colour (dpi)	no	no	no	no	no	600 x 600
Grey scales	256	256	256	256	256	256
Scan to e-mail	yes	yes	yes	yes	yes	yes
Scan to PC	yes		yes	yes		yes
Scan to FTP	yes	yes	yes	yes	yes	yes
TWAIN	yes	yes	yes	yes	yes	yes
Operating Systems						
- Windows	yes	yes	yes	yes	yes	yes
- MAC	no					
- other	--		--	--		
File formats						
- TIFF	yes	yes	yes	yes	yes	yes
- PDF	yes	yes	yes	yes	yes	yes
- JPEG	no	yes	yes	yes	no	
- other	--		linearised PDF	linearised PDF	XPS,RTF,TXT,XLS	XPS
I/F						
- USB	no				n.a.	
- network	10/100BaseTX	Network TWAIN	10/100BaseTX	10/100BaseTX	10/100BaseTX	
- other	--		--	--	--	
Fax Functions	Nicht verfügbar	optional				
Compatibility		Super G3	Super G3	Super G3	Super G3	Super G3
Modem speed		33,6 Kbps	33,6 Kbps	33,6 Kbps		33,6 kbps
Transmission time (sec.)			3	3	3	4
Compression						
- JBIG		yes	yes	yes	yes	
- MMR		yes	yes	yes	yes	yes
- MR		yes	yes	yes	yes	yes
- MH		yes	yes	yes	yes	yes
Resolution						
- standard			203,2 x 97,8	203,2 x 97,8		200 x 100
- fine						200 x 200
- superfine						600 x 600
- ultrafine			406,4 x 391	406,4 x 391		
- other		400 x 400				
standard Memory (MB)		4 MB	2	2		256 MB
Page Capacity						
Memory Expansion (MB)		24 MB	8	8		
One touch dials						
frombreviated dials			999	999		
Group dials			500	500		
Delayed transmission						
Broadcast			yes	yes		
Dual access						
Duplex reception			yes	yes		
Auto redialling						
Fax to e-mail			yes	yes		
PC-Fax			yes	yes		
Consumfromles						
Toner/Copy Kit	55.000	43.000	83.000	83.000	62.400	50.000
Drum	4.800.000	1.200.000	300.000	300.000	575.000	200.000
Developer		350.000	150.000	150.000	575.000	
Power Consumption (Watt)						
Max.	1.800 Watt	1.850 Watt	1.840 Watt	1.840 Watt	1.700 Watt	1.640 Watt (copier) 1.690 Watt (copier/printer)
Remarks						
	2/4-tray punch option, booklet folding module, 1.000 management codes	SP-version with standard printer and scanner, post inserter, 9-tray mailbox, punch unit (2/4 holes), Z-folding, 2. fax unit, Data Security Kit	Tandem Option, OSA-system architecture, post inserter, punch option, optional data security kit, 500 management codes archiving option	Tandem Option, OSA-system architecture, post inserter, punch option, optional data security kit, 500 management codes archiving option	punch unit, post inserter, OCT-text recognition software, Data Overwrite Kit 1.000 management codes	punch unit, post inserter, OCT-text recognition software, Data Overwrite Kit 1.000 management codes

Competition DC 2182

	TA Triumph-Adler	Canon	Konica Minolta	Ricoh	Sharp
Manufacturer	TA Triumph-Adler	Canon	Konica Minolta	Ricoh	Sharp
Model	DC 2182	iR 5075	bizhub 751	Aficio MP 8000	MX-M850
Launch Date	09/2009	06/2007	12/2008	05/2008	03/2007
Features					
Copy	standard	standard	standard	standard	standard
Print	optional	standard (PCL)	optional (hard disk required)	optional SP-Version with standard printer	optional
Scan	optional	optional	optional	optional SP-Version with standard scanner	optional
- b/w	yes	yes	yes	yes	yes
- colour	no		no	no	optional
Fax	no	optional	optional	optional	optional
Hardware					
ADF					
RADF	standard (260 sheet)	standard (100 sheet)	standard (100 sheet)	standard (100 sheet)	standard (250 sheet)
Duplex-Scan	standard	standard	no	standard	optional
Paper cassette(s)					
- standard	4	4	4	4	4
- optional	1	1	1	1	3
Finisher	3.000 sheet/ 50 sheet stapling	tray A: 250 sheet, tray B: 1.300 sheet, tray C: 2.450 sheet - stapling: 50 sheet	3.200 sheet with 50-sheet-stapling or 100-sheet-stapling	3.000 sheet/100 sheet stapling, 3.000 sheet/ 50 sheet stapling, 2.000 sheet bookletfinisher	3.000 sheet/100 sheet stapling, 3.000 sheet/50 sheet stapling, 2.000 sheet/50 sheet stapling + 15 sheet saddlestapling
Memory Expansion	max. 512 MB (only for printoption)	no	1 GB	no	768 MB
Hard Disk	40 GB	40 GB	optional: 80 GB	80 GB	80 GB
Data Security Kit	optional	optional	optional	optional	optional
Monthly Copy/Print Volume	80.000	50.000-100.000	50.000-100.000	50.000-100.000	200.000-500.000
Paper capacity					
- cassette(s)	4.000 sheet	4.150 sheet	3600 sheet	4.200 sheet	3.000 sheet
- Bypass	100 sheet	50 sheet	100 sheet	100 sheet	no
max. paper capacity	8.100 sheet	7.650 sheet	7.600 sheet	8.300 sheet	8.050 sheet
Paper formats					
- cassette(s)	A3-A5R	A3-A6R	A3-A5	A3-A5R	A3+-A5R
- Bypass	A3-A6R	A3-A5R	A3-A6	A3-A5R	--
Paper weights					
- cassette(s)	60-160 g/m²	64-200 g/m²	60-200 g/m²	53-128 g/m²	60-205 g/m² optional up to 300 g/m²
- Bypass	60-200 g/m²	64-200 g/m²	50-200 g/m²	53-216 g/m²	--
Paper output					
- face down	250 sheet			n.a.	n.a.
- face up				n.a.	n.a.
max. original format	DIN A3	DIN A3	A3	DIN A3	DIN A3
Dimensions in mm (H x B x T)	1.190 x 680 x 811	1.207 x 643 x 743	1.140 x 886 x 859	1.165 x 690 x 790	1.518 x 3.831 x 771
Weight (kg)	188	220	224	206	300
Copy Functions					
Copy speed (cpm)	82	75	75	80	85
Warm-up time (sec.)	30	30	300	60	240
1st copy (sec.)	2,9	3,1	2,9	3,5	4
Resolution (dpi)	600 x 600 1.800 dpi level x 600 dpi	1.200 x 600 interpol.	1.200 x 600	1.200 x 600	600 x 600
Grey scales	256	256	256	256	256
Zoom	25 - 400%	25 - 400%	25 - 400%	25 - 400%	25 - 400%
Fixed zoom ratios					5R/5E
System memory					
- standard (MB)	128	1 GB	1 GB	256	768
- maximum (MB)	128	1 GB	1 GB	512	1.536
Hard Disk	40 GB	40 GB	80 GB	80 GB	80 GB
Scan Once - Copy Many	standard	standard	standard		
Electronic sort	standard				
Rotation sort	standard		standard		
Offset	standard	optional	optional		
Job Reservation	standard	standard	standard		
overlay/Watermark	standard	standard (overlay)	standard		
N-up copy	standard	standard	standard		
Continuous copy	1 - 9.999	1 - 9.999	1-9.999	1 - 999	1 - 9.999
Print Functions	optional	standard (PCL)	optionale hard disk required	optional (standard for SP-Version)	optional
PDL					
- PCL5e/6	standard (PCL 6)	standard	standard	standard	standard
- PS2					
- PS3	standard	optional	standard	optional	optional
- GDI	no	no	no	no	no
- other	AES, PRESCRIBE IIe, Line Printer, Difromlo 630, KCGL, IBM Proprinter X24E, Epson LQ-850	UFR II	Direktprint USB-Stick		
I/F					
- parallel	IEEE 1284	--	--	IEEE 1284 (optional)	--
- USB	USB 2.0	USB	USB 2.0	USB 2.0	USB 2.0
- network	10/100BaseTX	100BaseTX/10BaseT	10/100/1000BaseT	10Base-T/100BaseTX	10Base-T/100BaseTX
Operating Systems					
- Windows 98/SE/ME		yes (98/ME)			yes
- NT 4.0		no			yes
- Windows 2000	yes	yes	yes	yes	yes
- Windows XP	yes	yes	yes	yes	yes
- Novell	yes	yes	yes	yes	yes
- MAC	yes (from OS 10.2)	yes	yes	yes	yes
		(OS X 10.2.8 or higher)	(9.x/10.x)	(8.6 or higher or OS X 10.1 or higher)	(OS 9.0 and higher)
- UNIX	yes		yes	yes	
- SAP	yes		yes	yes	
- other				(R/3 or higher/mySAP)	
Print speed (ppm)	82	75	75	80	85
Resolution (dpi)	600 x 600 1.800 dpi level x 600 dpi	1.200 x 1.200	2.400 x 600	1.200 x 1.200	1.200 x 1.200
Processor	600 MHz	400 MHz optional Multi PDL Printer: 2,8 GHz	1 GHz		
PDF Direct print	yes		yes		yes
LDAP	yes	yes	standard		yes
SAP Barcode print	yes				yes
OCR-A, -B					yes
Booklet	yes		standard		yes
Private print	yes		standard		yes

Manufacturer	TA Triumph-Adler	Canon	Konica Minolta	Ricoh	Sharp
Model	DC 2182	iR 5075	bizhub 751	Aficio MP 8000	MX-M850
Scan Functions					
b/w	optional	standard	standard	standard	option
colour	no	no	no	no	option
Speed/min	up to 110 images	up to 100 images	75 originals	75 originals	85 originals
Resolution					
- b/w (dpi)	max. 600 x 600	600 x 600	600 x 600	max. 600	600 x 600
- colour (dpi)	no	no	no	no	optional
Grey scales	256	256	256	256	256
Scan to e-mail	yes	optional	yes	yes	yes
Scan to PC	yes	optional	yes		yes
Scan to FTP	yes	optional	yes	yes	yes
TWAIN	yes		yes	yes	yes
Operating Systems					
- Windows	yes	yes	yes	yes	yes
- MAC	no				
- other	--				--
File formats					
- TIFF	yes	yes	yes	yes	yes
- PDF	yes	yes	yes	yes	yes
- JPEG	no	no	no	yes	yes
- other	--	MTIFF	XPS		encrypted PDF
I/F					
- USB	no		n.a.		
- network	10/100BaseTX		n.a.	Network TWAIN	
- other	--		--	--	--
Fax Functions	Nicht availfromle			optional	
Compatibility		Super G3	Super G3	Super G3	Super G3
Modem speed			33.600 bps	33,6 Kbps	33.6 Kbps
Transmission time (sec.)			n.a.		3
Compression					
- JBIG		yes	yes	yes	yes
- MMR		yes	yes	yes	yes
- MR		yes	yes	yes	yes
- MH		yes	yes	yes	yes
Resolution					
- standard					203,2 x 97,8
- fine					
- superfine					
- ultrafine			600 x 600 dpi		406,4 x 391
- other				400 x 400	
standard Memory (MB)		120	32	4 MB	8 MB
Page Capacity		8.000			
Memory Expansion (MB)				24 MB	
One touch dials		199	200		
frombreviated dials		1.800	1.000		
Group dials					
Delayed transmission			yes		
Broadcast			yes		
Dual access			yes		
Duplex reception			yes		
Auto redialling			yes		
Fax to e-mail					
PC-Fax					yes
Consumfromles					
Toner/Copy Kit	55.000	45.000	55.000	43.000	
Drum	4.800.000	3.000.000	500.000	1.200.000	1.000.000
Developer			250.000	350.000	
Power Consumption (Watt)					
Max.	1.950 Watt	2.300	2.000 Watt	1.850 Watt	21 kW/week
Remarks					
	2/4-tray punch option, booklet folding module, 1.000 management codes	N-Version = copy/print standard, C- and Z-folding option, post inserter, data security kit, barcode printing security watermark, offset output, 1.000 management codes	bookletfinisher, post inserter Z-folding unit, Security-Chip Card Reader, Finger vene-scanner, print-controller, hard disk for Box function etc., 1.000 management codes	SP-Version with standard printer and scanner, post inserter, 9-tray mailbox, punch unit (2/4 holes), Z-folding, 2. fax unit, Data Security Kit	Fiery Controller option, Tandem option, 10,4" colour monitor, OSA-system architecture, spirale binding option, Z-folding unit, punch option, post inserter optional data security kit, 1.000 management codes, barcode font option, archiving option

	TA Triumph-Adler	Toshiba	Toshiba	Xerox	Xerox
Manufacturer	TA Triumph-Adler	Toshiba	Toshiba	Xerox	Xerox
Model	DC 2182	e-Studio 723	e-Studio 853	WC 5675	WC 5687
Launch Date	09/2009	03/2008	03/2008	09/2007	09/2007
Features					
Copy	standard	standard	standard	standard	standard
Print	optional	optional	optional	optional for copier-ver. standard for copier/printer-ver.	optional for copier-ver. standard for copier/printer-ver.
Scan	optional	optional	optional	optional for copier-ver. standard for copier/printer-ver.	optional for copier-ver. standard for copier/printer-ver.
- b/w	yes	yes	yes	yes	yes
- colour	no	no	no	optional	optional
Fax	no	option	option	optional	optional
Hardware					
ADF					
RADF	standard (260 sheet)	standard (100 sheet)	standard (100 sheet)	standard (100 sheet)	standard (100 sheet)
Duplex-Scan	standard	no	no		
Paper cassette(s)					
- standard	4	4	3	4	4
- optional	1	1	1	1	1
Finisher	3.000 sheet/ 50 sheet stapling	4.000 sheet/50 sheet stapling, 4.000 sheet/50 sheet stapling with saddlestapling (15 pages),4.000 sheet/100 stapling	4.000 sheet/50 sheet stapling, 4.000 sheet/50 sheet stapling with saddlestapling (15 pages),4.000 sheet/100 stapling	1.500 sheet/ 50 sheet stapling, 60-page booklet, 2-tray punching; 3.000 sheet/ 100 sheet stapling, 2-tray punching; 3.000 sheet/ 100 sheet stapling, 60-page booklet	1.500 sheet/ 50 sheet stapling, 60-page booklet, 2-tray punching; 3.000 sheet/ 100 sheet stapling, 2-tray punching; 3.000 sheet/ 100 sheet stapling, 60-page booklet
Memory Expansion	max. 512 MB (only for printoption)	256	256	max. 768 MB for copier, max. 1.024 for copier/printer	max. 768 MB for copier, max. 1.024 for copier/printer
Hard Disk	40 GB	40 GB	40 GB	80 GB	80 GB
Data Security Kit	optional	optional	optional	standard for copier/printer	standard for copier/printer
Monthly Copy/Print Volume	80.000	50.000-100.000	100.000-150.000	300.000	400.000
Paper capacity					
- cassette(s)	4.000 sheet	3.500 sheet	3.500 sheet	8.600 sheet	8600 sheet
- Bypass	100 sheet	100 sheet	100 sheet	100 sheet	100 sheet
max. paper capacity	8.100 sheet	7.600 sheet	7.600 sheet	8.700 sheet	8.700 sheet
Paper formats					
- cassette(s)	A3-A5R	A5R-A3	A5R-A3	A3-A5R	A3-A5R
- Bypass	A3-A6R	A5R-A3	A5R-A3	A3-A6R	A3-A6R
Paper weights					
- cassette(s)	60-160 g/m²	64-209 g/m²	64-209 g/m²	60-200 g/m²	60-200 g/m²
- Bypass	60-200 g/m²	64-209 g/m²	64-209 g/m²	60-216 g/m²	60-216 g/m²
Paper output					
- face down	250 sheet	550	550	200 sheet	200 sheet
- face up		no	no		
max. original format	DIN A3	DIN A3	DIN A3	DIN A3	DIN A3
Dimensions in mm (H x B x T)	1.190 x 680 x 811	1.213 x 698 x 789	1.213 x 698 x 789	1.147 x 1.271 x 704 (copier w/ finisher) 1.147 x 1.556 x 725 (copier/printer w/ finisher)	1.147 x 1.271 x 704 (copier w/ finisher) 1.147 x 1.556 x 725 (copier/printer w/ finisher)
Weight (kg)	188	210	210	156 (copier w/ finisher) 164 (copier/printer w/ finisher)	156 (copier w/ finisher) 164 (copier/printer w/ finisher)
Copy Functions					
Copy speed (cpm)	82	72	85	75	87
Warm-up time (sec.)	30	130	130	28	28
1st copy (sec.)	2,9	4	3,5	2,7	2,7
Resolution (dpi)	600 x 600 1.800 dpi level x 600 dpi	600 x 600	600 x 600	600 x 600	600 x 600
Grey scales	256	256	256	256	
Zoom	25 - 400%	25 - 400%	25 - 400%	25 - 400%	25 - 400%
Fixed zoom ratios					
System memory					
- standard (MB)	128	320	320	256 (copier) 768 (copier/printer)	256 (copier) 768 (copier/printer)
- maximum (MB)	128	576	576	768 (copier) 1.024 (copier/printer)	768 (copier) 1.024 (copier/printer)
Hard Disk	40 GB	40 GB	40 GB	80 GB	80 GB
Scan Once - Copy Many	standard			standard	standard
Electronic sort	standard	standard	standard		
Rotation sort	standard				
Offset					
Job Reservation	standard	standard	standard		
overlay/Watermark	standard				
N-up copy	standard			standard	standard
Continuous copy	1 - 9.999	n.a.	n.a.	1 - 9.999	1 - 9.999
Print Functions	optional	optional	optional	optional for copier-ver. standard for copier/printer-ver.	optional for copier-ver. standard for copier/printer-ver.
PDL					
- PCL5e/6	standard (PCL 6)	PCL6 standard	PCL6 standard	standard	standard
- PS2					
- PS3	standard	standard	standard	standard	standard
- GDI	no	no	no	no	no
- other	AES, PRESCRIBE IIe, Line Printer, Difromio 630, KCGL, IBM Proprinter X24E, Epson LQ-850	XPS	XPS		
I/F					
- parallel	IEEE 1284	IEEE (802.11b/g)	IEEE (802.11b/g)		
- USB	USB 2.0	Full-Speed-USB	Full-Speed-USB	USB 2.0 (option)	USB 2.0 (option)
- network	10/100BaseTX	10/100BaseT	10/100BaseT	10/100BaseT	10/100BaseT
Operating Systems					
- Windows 98/SE/ME		yes	yes		
- NT 4.0		yes	yes		
- Windows 2000	yes	yes	yes	yes	yes
- Windows XP	yes	yes	yes	yes	yes
- Novell	yes	yes	yes	yes	yes
- MAC	yes (from OS 10.2)	yes (OS X)	yes (OS X)	yes	yes
- UNIX	yes	yes	yes		
- SAP	yes				
- other					
Print speed (ppm)	82	72	85	75	87
Resolution (dpi)	600 x 600 1.800 dpi level x 600 dpi	2.400 x 600	2.400 x 600	1.200 x 1.200	1.200 x 1.200
Processor	600 MHz	n.a.	n.a.	1,4 GHz	1,4 GHz
PDF Direct print	yes				
LDAP	yes				
SAP Barcode print	yes				
OCR-A, -B					
Booklet	yes	yes	yes	yes	yes
Private print	yes	yes	yes		

Manufacturer	TA Triumph-Adler	Toshiba	Toshiba	Xerox	Xerox
Model	DC 2182	e-Studio 723	e-Studio 853	WC 5675	WC 5687
Scan Functions				optional for copier-ver. standard for copier/printer-ver.	optional for copier-ver. standard for copier/printer-ver.
b/w	optional	option	option	standard	standard
colour	no	no	no	optional	optional
Speed/min.	up to 110 images	83	83	up to 85 pages b/w up to 28 pages colour	up to 85 pages b/w up to 28 pages colour
Resolution					
- b/w (dpi)	max. 600 x 600	600 x 600	600 x 600	600 x 600	600 x 600
- colour (dpi)	no	no	no	600 x 600	600 x 600
Grey scales	256	256	256	256	256
Scan to e-mail	yes	yes	yes	yes	yes
Scan to PC	yes			yes	yes
Scan to FTP	yes	yes	yes	yes	yes
TWAIN	yes	yes	yes	yes	yes
Operating Systems					
- Windows	yes	yes	yes	yes	yes
- MAC	no				
- other	--				
File formats					
- TIFF	yes	yes	yes	yes	yes
- PDF	yes	yes	yes	yes	yes
- JPEG	no	no	no		
- other	--	XPS,RTF,TXT,XLS	XPS,RTF,TXT,XLS	XPS	XPS
I/F					
- USB	no	n.a.	n.a.		
- network	10/100BaseTX	10/100BaseTX	10/100BaseTX		
- other	--				
Fax Functions	Nicht availfromle				
Compatibility		Super G3	Super G3	Super G3	Super G3
Modem speed				33,6 kbps	33,6 kbps
Transmission time (sec.)		3	3	4	4
Compression					
- JBIG		yes	yes		
- MMR		yes	yes	yes	yes
- MR		yes	yes	yes	yes
- MH		yes	yes	yes	yes
Resolution					
- standard				200 x 100	200 x 100
- fine				200 x 200	200 x 200
- superfine				600 x 600	600 x 600
- ultrafine					
- other					
standard Memory (MB)				256 MB	256 MB
Page Capacity					
Memory Expansion (MB)					
One touch dials					
frombreviated dials					
Group dials					
Delayed transmission					
Broadcast					
Dual access					
Duplex reception					
Auto redialling					
Fax to e-mail					
PC-Fax					
Consumfromles					
Toner/Copy Kit	55.000	62.400	62.400	50.000	50.000
Drum	4.800.000	575.000	600.000	200.000	200.000
Developer		575.000	600.000		
Power Consumption (Watt)					
Max.	1.950 Watt	1.700 Watt	1.700 Watt	1.640 Watt (copier) 1.690 Watt (copier/printer)	1.790 Watt (copier) 1.840 Watt (copier/printer)
Remarks					
	2/4-tray punch option, booklet folding module, 1.000 management codes	punch unit, post inserter, OCT-text recognition software, Data Overwrite Kit 1.000 management codes	punch unit, post inserter, OCT-text recognition software, Data Overwrite Kit 1.000 management codes	copier and copier/printer-version availfromle, optional folding modul for 3.000 sheet finisher and booklet finisher, 250 sheet inserter, Internet Fax-Kit, network-faxserver	punch unit, post inserter, OCT-text recognition software, Data Overwrite Kit 1.000 management codes