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1 Product concept – introduction

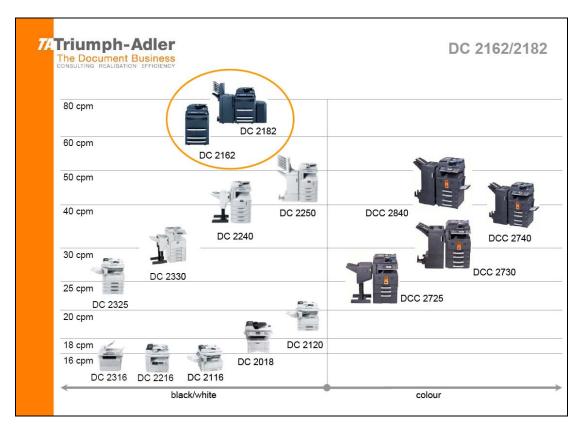


Since their introduction in the middle of 2005 the DC 2060 and DC 2080 have proved to be extremely reliable and solid systems for the production of extensive, high volume print and copy jobs. Their successors, DC 2162 and DC 2182, are based on the same reliable technology. Yet, they offer several improvements 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.

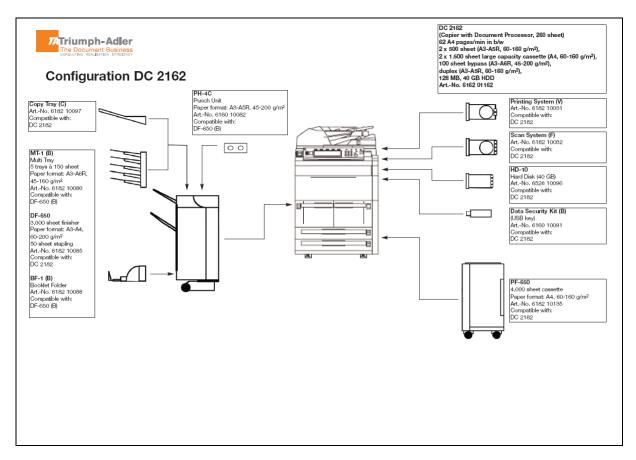
^{*}Windows certified KPDL driver

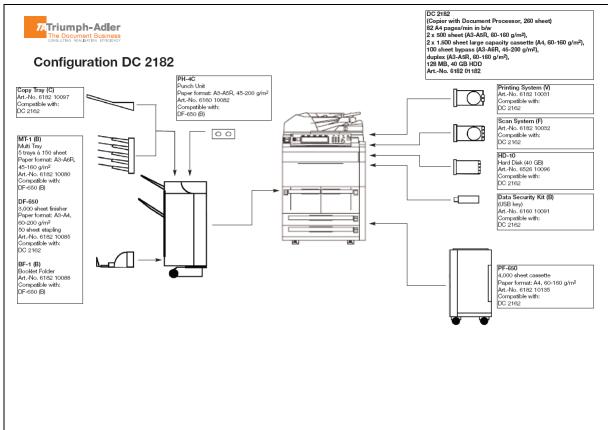
4 Specifications

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 food (shoot)	cassette	2 x 500, 2	2 x 1,500
Paper feed (sheet)	bypass	10	00
Optional large capacity cassette (sheet capacity)		4,0	000
	cassette	A3-A5R, large capacity cassette: A4	
Paper formats	bypass	A3-A6R	
	duplex	A3-A5R	
	cassette	60-160	
Paper weights (g/m²)	bypass	45-200	
	duplex	60-	160
Output capacity (sheet) face-down 250		50	
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)		55,0	000

4.2 Configuration





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)
Туре	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, TWA 40 sender addresses, SMTP authentication, LDAP	

Option	PF-650 (B)
Туре	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)
Туре	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)
Туре	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)
Туре	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)
Туре	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).

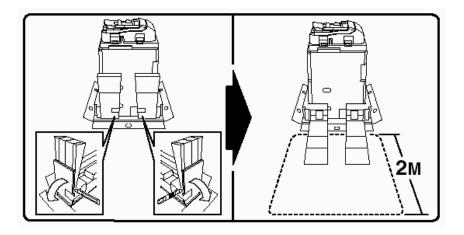
Via the multi-bypass formats from A3-A6R with a weight ranging from 45 to 200 g/m² can be processed, i. e. also special media like

- 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	Simplex	Duplex	Duplex
	(300 dpi)	(600 dpi)	(300 dpi)	(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.

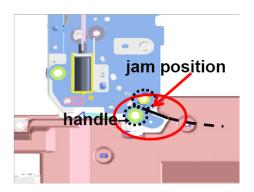
5.4 Reliability and technical improvements

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.

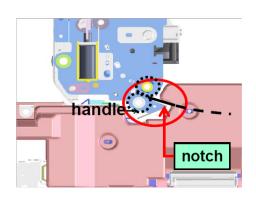
Apart from the above mentioned improvements a constructional modification of the duplex unit now guarantees easier jam removal:

DC 2060/2080



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

DC 2162/2182



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.

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	60/80	62/82
A3	31/41	31/41
Scan speed		
Simplex/A4/300 dpi	80 opm/ipm	100 opm/ipm
Duplex/A4/300 dpi	40 opm/80 ipm	55 opm/110 ipm
Capacity document processor	200 Blatt	260 Blatt
Paper weight duplex	60-105 g/m ²	60-160 g/m ²
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

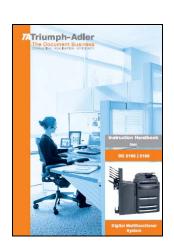
7 Marketing support

7.1 Available marketing materials

Instruction Handbooks

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

- Basic (German, English, French, Italian, Spanish)
- Advanced (English, French, Italian, Spanish)
- 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:





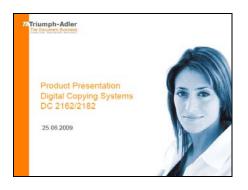
The above mentioned materials are available for download from our website:

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:



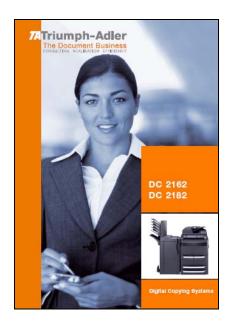
<u>www.triumph-adler.com</u> => Partnersite login => Sales & Marketing => Marketing or Sales, respectively

From our partner area you can also access:

- Instruction Handbooks
- o print samples
- o brochures
- o Sales Guides
- o Logos
- 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:

```
<u>www.triumph-adler.com</u> => 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
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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:

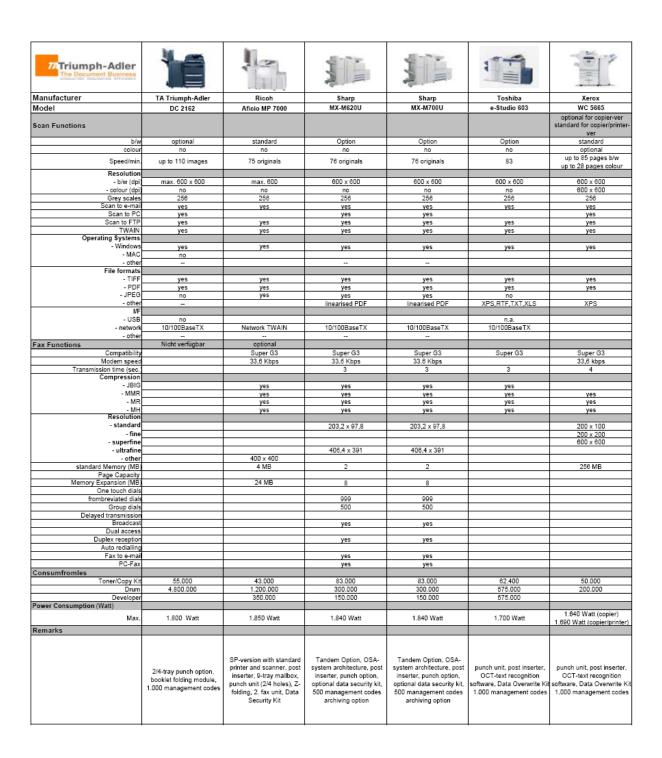
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www.triumph-adler.com => Partnersite login => Sales & Marketing
=> "Who is Who?"
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8 Competition DC 2162

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Triumph-Adler The Document Business This Document Business		1007			
Manufacturer	TA Triumph-Adler	Canon	Konica Minolta	Panasonic	Ricoh
Model Launch Date	DC 2162 07/2009	iR 5065 08/2007	bizhub 601 12/2008	Workio DP 8060 02/2007	Aficio MP 6000 05/2008
Features	0112008	00/2007	12/2006	02/2007	03/2006
Сору	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 - colour	yes no		yes no		yes 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 Monthly Copy/Print Volume	optional 60.000	optional 55.000	optional 30.000-50.000	optional 30.000-50.000	optional 30.000-50.000
Paper capacity					
- cassette(s) - Bypass	4.000 sheet 100 sheet	4.150 sheet 50 sheet	3600 sheet 100 sheet	1.550 + 550 sheet 50 sheet	4.200 sheet 100 sheet
max. paper capacity		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 Paper weights	A3-A6R	A3-A5R	A3-A8	A3-A5R	A3-A5R
- cassette(s)	60-160 g/m²	64-200 g/m²	60-200 g/m²	60-90 g/m²	53-128 g/m²
- Bypass Paper output	60-200 g/m²	64-200 g/m²	50-200 g/m²	55-133 g/m²	53-216 g/m²
- face down	250 sheet			1.000	n.a.
- face up max. original forma	n.a. DIN A3	DIN A3	A3	DIN A3	n.a. DIN A3
	DINAG	DINA		DINAG	DINA
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.)	3,6 600 x 600	3,3 1.200 x 600 interpol.	3,3 1.200 x 600	3,5 600 x 600	4,2 1.200 x 600
Resolution (dpi)	1.800 dpi level x 600 dpi 256	256	256	256	258
Grey scales Zoom	25 - 400%	25 - 400%	25 - 400%	25 - 400%	25 - 400%
Fixed zoom ratios System memory				5R/5E	
- standard (MB)	128	1 GB	1 GB	32 + 32	
					258
- maximum (MB)	128	1 GB	1 GB	160	512
Hard Disk Scan Once - Copy Many	40 GB standard	40 GB standard	80 GB standard	40 GB optional	80 GB
Electronic sort	standard	Starratio			
Rotation sort	standard	optional	standard optional		
Job Reservation	standard	standard	standard		
overlay/Watermark N-up copy	standard standard	standard (overlay) standard	standard standard		
Continuous copy	1 - 9.999	1 - 9.999	1-9.999	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					
- GDI	standard no	optional no	standard no	optional yes	optional 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 - paralle	IEEE 1284			IEEE 1284	IEEE 1284 (optional)
- USB	USB 2.0	USB	USB 2.0		USB 2.0
- network Operating Systems	10/100BaseTX	100BaseTX/10BaseT	10/100/1000BaseT	10/100BaseTX	10Base-T/100BaseTX
- Windows 98/SE/ME		yes (98/ME)		yes	
- NT 4.0 - Windows 2000	yes	no yes	ves	yes yes	yes
- Windows XP	yes	yes	yes	yes	yes
- Novell - MAC	yes yes	yes yes	yes yes	yes yes	yes yes
	(from OS 10.2)	(OS X 10.2.8 or higher)	(9.x/10.x)	(8.6-10.4)	(8.6 or higher or OS X 10.1
- UNIX	yes		yes	,//	or higher) yes
- SAP	yes		yes		yes
Print speed (ppm)	62	65	60	60	(R/3 or higher/mySAP 60
Resolution (dpi)	600 x 600	1.200 x 1.200	2.400 x 600	600 x 600	1.200 x 1.200
Processor	1.800 dpi level x 600 dpi	400 MHz	1 GHz	1.200 x 600	
	600 1411-				
PDF Direct orint	600 MHz yes	optional Multi PDL Printer: 2,8 GHz			
PDF Direct print	yes yes	optional Multi PDL Printer:	yes standard		
LDAP SAP Barcode print OCR-A, -B	yes yes yes	optional Multi PDL Printer: 2,8 GHz	yes		
LDAP SAP Barcode print	yes yes yes	optional Multi PDL Printer: 2,8 GHz	yes		

77 Triumph-Adler The Document Business UNBARING PRESENCE					
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		standard	standard	standard	standard
colour		no	no	no	no
Speed/min. Resolution	up to 110 images	up to 100 images	75 originals	60 originals	75 originals
- 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 Scan to PC	yes yes	optional optional	yes yes	yes	yes
Scan to FTP	yes	optional	yes		yes
TWAIN	yes		yes		yes
Operating Systems					
- Windows	yes	yes	yes	yes	yes
- MAC - other	no 				
File formats					
- TIFF	yes	yes	yes	yes	yes
- PDF	yes	yes	yes	yes	yes
- JPEG	no	no MTIEF	no		yes
- other		MTIFF	XPS		
- 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 Transmission time (sec.)			33.600 bps n.a.	33.6 Kbps 2,9	33,6 Kbps
Compression			II.d.	2,8	
- JBIG		yes	yes	yes	yes
- MMR		yes	yes	yes	yes
- MR - MH		yes	yes	yes	yes
Resolution		yes	yes	yes	yes
- standard				yes	
- fine				yes	
- superfine				yes	
- ultrafine			600 x 600 dpi	900 900	400 400
- other standard Memory (MB)		120	32	600 x 600 3	400 x 400 4 MB
Page Capacity		8.000	02	180	7 1110
Memory Expansion (MB)					24 MB
One touch dials		199	200	270	
frombreviated dials Group dials		1.800	1.000	800	
Group dials Delayed transmission			yes		1
Broadcast			yes		1
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	hard disk for Box function	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

77 Triumph-Adler The Document Business United Parkets of Parkets o				3		0
Manufacturer	TA Triumph-Adler	Ricoh	Sharp MX-M620U	Sharp MX-M700U	Toshiba e-Studio 603	Xerox WC 5665
Model Launch Date	DC 2162 07/2009	Aficio MP 7000 05/2008	03/2007	03/2007	e-Studio 603 03/2008	09/2007
Features						
Copy Print	standard optional	standard optional SP-version with standard printer	standard optional	standard optional	standard optional	standard 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 - colour	yes no	yes no	yes no	yes no	yes no	yes optional
Fax	no	optional	optional	optional	Option	optional
Hardware ADF						
RADF Duplex-Scan	standard (260 sheet)	standard (100 sheet)	standard (150 sheet)	standard (150 sheet)	standard (100 sheet)	standard (100 sheet)
Paper cassette(s)	standard	standard	standard	standard	no	
- standard - optional	1	1	4	4	4	4
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 Data Security Kit	40 GB optional	80 GB optional	40 GB optional	40 GB optional	40 GB optional	80 GB 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 max. paper capacity	100 sheet 8.100 sheet	100 sheet 8.300 sheet	100 sheet 8.050 sheet	100 sheet 8.050 sheet	100 sheet 7.600 sheet	100 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 Paper output	60-200 g/m²	53-216 g/m²	55-209 g/m²	55-209 g/m²	64-209 g/m²	60-216 g/m²
- face down	250 sheet	n.a.	n.a.	n.a.	550	200 sheet
- face up max. original forma	n.a. DIN A3	n.a. DIN A3	n.a. DIN A3	n.a. DIN A3	no 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	158 (copier w/ finisher) 164 (copier/printer w/ finisher)
Copy Functions	62	70	80	70	60	65
Copy speed (cpm) Warm-up time (sec.)	30	60	62 120	70 120	130	28
1st copy (sec.)	3,6 600 x 600	3,5	4	3,5	4	2,7
Resolution (dpi)	1.800 dpi level x 600 dpi 256	1.200 x 600 256	600 x 600 256	600 x 600 256	600 x 600 256	600 x 600 256
Grey scales Zoom	25 - 400%	25 - 400%	25 - 400%	25 - 400%	25 - 400%	25 - 400%
Fixed zoom ratios System memory			5R/5E	5R/5E		
- standard (MB)	128	256	128	128	320	256 (copier) 768 (copier/printer)
	128		384	384	576	768 (copier)
- maximum (MB) Hard Disk	40 GB	512 80 GB	40 GB	40 GB	40 GB	1.024 (copier/printer) 80 GB
Scan Once - Copy Many Electronic sort	standard standard		standard standard	standard standard	standard	standard
Rotation sort	standard		standard	standard	Staridard	
Offset Job Reservation	standard				standard	
overlay/Watermark N-up copy	standard standard		standard	standard		standard
Continuous copy	1 - 9.999	1 - 999	1 -999	1 -999	n.a.	1 - 9.999 optional for copier-ver
Print Functions PDL	optional	optional (standard for SP-version)	optional	optional	optional	standard for copier/printer- ver
- PCL5e/6	standard (PCL 6)	standard	standard	standard	PCL6 standard	standard
- PS2 - PS3	standard	optional	optional	optional	standard	standard
- GDI - other	no AES, PRESCRIBE IIe, Line Printer, Difromlo 630, KCGL, IBM Proprinter X24E, Epson LQ-850	no	no	no	no XPS	no
I/F		IEEE (004 / · · · · ·			IEEE (000 C) : :	
- parallel - USB	IEEE 1284 USB 2.0	IEEE 1284 (optional) USB 2.0	USB 2.0	USB 2.0	IEEE (802.11b/g) Full-Speed-USB	USB 2.0 (Option)
- network Operating Systems	10/100BaseTX	10Base-T/100BaseTX	10Base-T/100BaseTX	10Base-T/100BaseTX	10/100BaseT	10/100BaseT
- Windows 98/SE/ME - NT 4.0			yes	yes	yes	
- Windows 2000		yes	yes yes	yes ves	yes yes	yes
- Windows XP - Novell	yes yes	yes yes	yes no	yes no	yes yes	yes yes
- MAC	yes	yes (8.6 or higher or OS X 10.1	yes	yes (OD O D and blob or)	yes	yes
- UNIX - SAP	(from OS 10.2) yes yes	or higher) yes yes	(OS 9.0 und higher)	(OS 9.0 und higher)	(OS X) yes	
Print speed (ppm)	62	(R/3 or higher/mySAP 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 × 600	1.200 x 1.200
	600 MHz				n.a.	1,4 GHz
PDF Direct print LDAP	yes yes		yes yes	yes yes		
SAP Barcode print	yes		yes	yes		
OCR-A, -B Booklet	yes		yes yes	yes yes	yes	yes
Private print	yes		yes	yes	yes	



Competition DC 2182

Cameric Color Colo	### Canada France	Manufacturer TA Triu Model OC Launch Date OC Features Copy Sta Print OF Scan - blw - colour Fax Hardware ADF Upplex-Scan Paper Cassette(s) - standard - optional Finisher Standard - optional Finisher Standard - optional Memory Expansion Hard Disk 4 Data Security Mid Og Monthly Copy/Print Volume Paper Cassette(s) - cassette(s) - standard - optional Memory Expansion Max. 515 Monthly Copy/Print Volume Paper Cassette(s) - Cassette(s) - Standard - Optional Monthly Copy/Print Volume Paper Cassette(s) - Standard - Optional Monthly Copy/Print Volume Resolution (so in the colour optional Monthly Copy/Print Volume Paper Optional - Cassette(s) - Standard - Standard - Standard - Optional Max. Diplandard - Assette(s) - Standard - Standard - Optional Monthly Copy/Print Volume Resolution - Cassette(s) - Standard - Standa	2182 22009 Indiand Ind	IR 5975 06:2007 standard standard (PCL) optional yes optional yes optional tandard (100 sheet) standard 4 1 1 tray A: 250 sheet, tray B: 1.300 sheet, tray B: 1.300 sheet, tray B: 1.300 sheet 00 sheet	bizhub 751 12/2008 standard optional optional optional optional yes	Afficio MP 8000 05/2008 standard optional SP-Version with standard critter optional SP-Version with standard critter optional SP-Version with standard standard (100 sheet) standard (100 sheet) standard 4 1 1 3.000 sheet/100 sheet stapling, 3.000 sheet/50 sheet stapling, 3.000 sheet bookletfinisher 80 GB optional 50.000-100.000 4.200 sheet 100 sheet 8.300 sheet 8.300 sheet 8.300 sheet 8.300 sheet 9.300 sheet 8.300 sheet	MX-M850
Marcian Dec 2130	## C2122 ## 2872 ## batheb 751 ## Africe MP 6900 ## MX MRS ## SECTION	Model	2182 22009 Indiand Ind	IR 5975 06:2007 standard standard (PCL) optional yes optional yes optional tandard (100 sheet) standard 4 1 1 tray A: 250 sheet, tray B: 1.300 sheet, tray B: 1.300 sheet, tray B: 1.300 sheet 00 sheet	bizhub 751 12/2008 standard optional optional optional optional yes	Afficio MP 8000 05/2008 standard optional SP-Version with standard critter optional SP-Version with standard critter optional SP-Version with standard standard (100 sheet) standard (100 sheet) standard 4 1 1 3.000 sheet/100 sheet stapling, 3.000 sheet/50 sheet stapling, 3.000 sheet bookletfinisher 80 GB optional 50.000-100.000 4.200 sheet 100 sheet 8.300 sheet 8.300 sheet 8.300 sheet 8.300 sheet 9.300 sheet 8.300 sheet	MX-M850
Model	## DC-2122 ## 3975 bishub 751 bishub 751 Action MP 8000 ## MX 4850	Model	2182 22009 Indiand Ind	06/2007 standard standard (PCL) optional yes optional yes optional tandard (100 sheet) standard 4 1 tray A: 250 sheet ray B: 1,300 sheet, ray B: 1,300 sheet, ray B: 1,300 sheet, ray B: 0,000 sheet, ray B: 1,300 sheet 40 GB optional 60 sheet 7,500 sheet A3-A6R A3-A	12/2008 standard optional (hard disk required) optional yes no optional standard (100 sheet) no optional 4 1 3.200 sheet with 50-sheet-stapling or 100-sheet-stapling 1 GB optional: 80 GB optional: 80 GB optional: 80 GBootion (100 sheet) 100 sheet 100 sheet 100 sheet 4 S3-A6 A3-A6	06/2008 standard optional SP-Version with standard optional SP-Version with standard optional SP-Version with standard scanled yes optional standard (100 sheet) standard (100 sheet) standard 4 4 3.000 sheet/100 sheet stapling, 3.000 sheet 50 sheet stapling, 3.000 sheet 50 sheet stapling, 3.000 sheet 50 sheet stapling, 3.000 sheet 100 sheet 100 sheet 100 sheet 8.300 sheet 100 sheet 100 sheet 8.300 sheet 100 sheet	MX-M850
Print	Copy	Features Copy state Print or Scan - biw - colour Fax Hardware ADF RADF RADF RADF RADF RADF RADF RADF		standard (PCL) optional yes optional yes optional standard (100 sheet) standard 1100 sheet standard 1100 sheet standard 1 1 1 1 tray A: 250 sheet, tray B: 1.300 sheet, tray B: 1.300 sheet staping: 50 sheet staping: 50 sheet staping: 50 sheet staping: 50 sheet 7, 650 sheet 7, 650 sheet 8, 3-4, 50 sheet 8, 3-4, 50 sheet 1, 50 sheet 8, 3-4, 50 sheet 1, 5	standard optional (hard disk required) optional (pard disk required) yes no optional no optional standard (100 sheet) no 4 1 3 200 sheet with 50-sheet- stapling or 100-sheet- staplin	standard optional optional SP-Version with standard optional SP-Version with standard printer optional SP-Version with standard scanner yes no optional standard (100 sheet) standard 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	standard optional optional yes optional optional yes optional optional optional optional optional standard (250 sheet) optional 4 3 3 3.000 sheet/100 sheet staping, 3.000 sheet/sheet staping, 2.000 sheet staping, 2.000 sheet staping, 2.000 sheet/50 sheet staping, 2.000 sheet/50 sheet staping 2.000 sheet/50 sheet staping 2.000 sheet/50 sheet staping 3 00.000-500.000 3.000 sheet A3+A5R 60-205 gim² optional up to 300 gim² n.a. n.a. DIN A3 1.518 x 3.831 x 771
Copy standard standard PCL professor SP-Version with standard pCL professor SP-Version with standard polytone SP-Version	Pre-	Copy St.	tional ti	standard (PCL) optional yes optional yes optional tandard (100 sheet) standard 4 1 tray A: 250 sheet, tray B: 1,300 sheet, yay B: 1,300 sheet, optional 60 000-100 000 4,150 sheet 50 sheet 7,650 sheet A3.46R A3.46R A3.46R A3.46R DIN A3 1,207 x 643 x 743 220	optional (hard disk required) optional yes no optional no optional standard (100 sheet) 1 3 200 sheet with 50-sheet- stapling or 100-sheet- stapling or 100-sheet- stapling or 50 000 optional 50 000-100 000 3600 sheet 100 sheet 7 .600 sheet 4 3-3-6 80-200 g/m² 50-200 g/m² A3 1.140 x 888 x 859	optional SP-Version with standard printer optional SP-Version with standard printer optional SP-Version with standard speed optional SP-Version with standard yes no optional standard (100 sheet) standard 4 1 1 1 3.000 sheet/100 sheet staping, 3.000 sheet/100 sheet staping, 3.000 sheet 9.300	optional yes optional yes optional optional optional optional standard (260 sheet) optional 4 3 3 3.000 sheet/100 sheet staping, 3.000 sheet/staping, 2.000 sheet staping, 2.000 sheet staping, 2.000 sheet staping a conduction of the staping of the staping of the sheet staping of
Pres	Pre-	Print of Scan	tional ti	standard (PCL) optional yes optional yes optional tandard (100 sheet) standard 4 1 tray A: 250 sheet, tray B: 1,300 sheet, yay B: 1,300 sheet, optional 60 000-100 000 4,150 sheet 50 sheet 7,650 sheet A3.46R A3.46R A3.46R A3.46R DIN A3 1,207 x 643 x 743 220	optional (hard disk required) optional yes no optional no optional standard (100 sheet) 1 3 200 sheet with 50-sheet- stapling or 100-sheet- stapling or 100-sheet- stapling or 50 000 optional 50 000-100 000 3600 sheet 100 sheet 7 .600 sheet 4 3-3-6 80-200 g/m² 50-200 g/m² A3 1.140 x 888 x 859	optional SP-Version with standard printer optional SP-Version with standard printer optional SP-Version with standard speed optional SP-Version with standard yes no optional standard (100 sheet) standard 4 1 1 1 3.000 sheet/100 sheet staping, 3.000 sheet/100 sheet staping, 3.000 sheet 9.300	optional yes optional yes optional optional optional optional standard (260 sheet) optional 4 3 3 3.000 sheet/100 sheet staping, 3.000 sheet/staping, 2.000 sheet staping, 2.000 sheet staping, 2.000 sheet staping a conduction of the staping of the staping of the sheet staping of
Scan Spiritual	Some	Scan - biw - colour - biw - colour - Fax ADF RADF RADF RADF Standard - standard - sprinnal - sprin	yes no	yes optional standard (100 sheet) standard (100 sheet) standard 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	yes no optional no optional standard (100 sheet) no no 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	optional SP-Version with standard scanner yes no optional standard (100 sheet) standard (100 sheet) standard (100 sheet) standard 1 1 3.000 sheet 100 sheet stapling, 3.000 sheet 50 sheet stapling, 3.000 sheet 100 sheet stapling, 3.000 sheet 100 sheet 10	yes optional optional optional optional optional optional optional optional as a standard (250 sheet) optional as a solid property optional as a solid property optional optio
Marchane Fast Past Pas	Page	- colour Fax Hardware ADF RADF Duplex-Scar Paper cassette(s) - standard - optional Finisher Memory Expansion Hard Disk ADS Monthly CopyPrint Volume Faper capacity - cassette(s) - standard - optional Memory Expansion Memory Expansion Max. 612 print Hard Disk ADS Monthly CopyPrint Volume Faper capacity - cassette(s) - standard - optional Monthly CopyPrint Volume Faper capacity - cassette(s) - standard - standard - optional Monthly CopyPrint Volume Faper capacity - cassette(s) - standard - stan	no n	optional tandard (100 sheet) standard 4 1 1 1 20 sheet, tray B: 1.300 sheet, tray B: 1.300 sheet, tray B: 1.300 sheet, tray B: 1.300 sheet, and C: 2.450 sheet no 40 GB optional 60 sheet 60 sheet 60 sheet 60 sheet 60 sheet 60 sheet 17,560 sheet 84.200 g/m² 64.200 g/m² DIN A3 11.207 x 643 x 743	100 sheet with 50-sheet-stapling or 100-sheet stapling or 100-sheet-stapling or 100-sheet stapling optional: 80 GB optiona	no optional standard (100 sheet) standard (100 sheet) standard 4 1 1 3.000 sheet/100 sheet stapling, 3.000 sheet for sheet stapling, 3.000 sheet she	optional optional optional optional optional optional optional and complete standard (250 sheet) optional 4 3 3 .3.000 sheet/100 sheet stapling, 3.000 sheet/30 sheet stapling, 2.000 sheet/30 sheet stapling, 2.000 sheet/30 sheet stapling 2.000 complete stapling 2.000 com
Fact No	Part	Fax	(200 sheet) st (200 sheet) sheet	tandard (100 sheet) standard 4 1 1 tray A: 550 sheet, tray B: 1,000 sheet, tray B: 1,000 sheet, tray C: 2,450 sheet- staping: 50 sheet no 40 GB optional 60 1000-100 1000 4,150 sheet 60 sheet 7,500 sheet A3-A6R A3-A6R A3-A6R A3-A6R DIN A3 1,207 x 643 x 743 220 75	optional standard (100 sheet) 1 3 200 sheet with 50-sheet- stapling or 100-sheet- stapling or 100-sheet- stapling or 50 GB optional: 80 GB optional: 80 GB optional: 50 000-100 000 3600 sheet 100 sheet 7 .600 sheet A3-A6 A3-A6 80-200 g/m² 50-200 g/m² A3 1.140 x 888 x 859	optional standard (100 sheet) standard 4 1 1 3.000 sheet/100 sheet staping, 3.000 sheet 80.08 9050nal 80	optional standard (250 sheet) optional 4 3 3.000 sheet/100 sheet stapling, 3.000 sheet/stapling, 2.000 sheet stapling, 2.000 sheet stapling, 2.000 sheet stapling 2.000 sheet stapling 2.000 sheet stapling 2.000 sheet/50 sheet stapling 4 768 MB 80 GB optional 200.000-500.000 3.000 sheet no 8.050 sheet A3-A5R 60-205 gim² optional up to 300 gim² n.a. n.a. DIN A3 1.518 x 3.831 x 771
Marchester Marchester Marchest (100 sheet)	Public Standard (750 Sheet)	ADF RADF RADF RADF RADF RADF RADF RADF R	MB (only for opplied) MB (tandard (100 sheet) standard 4 1 1 tray A: 550 sheet, tray B: 1,000 sheet, tray B: 1,000 sheet, tray C: 2,450 sheet- staping: 50 sheet no 40 GB optional 60 1000-100 1000 4,150 sheet 60 sheet 7,500 sheet A3-A6R A3-A6R A3-A6R A3-A6R DIN A3 1,207 x 643 x 743 220 75	standard (100 sheet) 1 4 1 3.200 sheet with 50-sheet-stapling or 100-sheet-stapling or 100-sheet-stapling or 100-sheet-stapling or 100-sheet-stapling 1 GB optional: 80 GB optional: 80 GB-spetonal 00.000-100.000 3800 sheet 100 sheet 100 sheet 43-A5 A3-A6 60-200 g/m² 50-200 g/m² A3 1.140 x 880 x 859	standard (100 sheet) standard 4 1 3.000 sheet)100 sheet stapling, 3.000 sheet for stapling, 3.000 sheet for sheet stapling, 3.000 sheet for sheet stapling, 3.000 sheet for no 80 GB optional 0.000-100.000 4.200 sheet 100 sheet 100 sheet 100 sheet 3.300 sheet 53-28 g/m² 53-218 g/m² n.a. n.a. DIN A3	optional 4 3 3 3.000 sheet/100 sheet staping, 3.000 sheet/50 sheet staping, 2.000 sheet/50 sheet staping, 2.000 sheet/50 sheet staping 1 766 MB 60 GB optional 200.000-500.000 3.000 sheet 00 6.050 sheet A3-A5R 60-205 gim² optional up to 300 gim² n.a. n.a. DIN A3
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- Windows 80/SE/ME	- Windows 86/SE/ME		DBaseTX 10	00BaseTX/10BaseT	10/100/1000BaseT	10Base-T/100BaseTX	10Base-T/100BaseTX
- Windows 2000	- Windows 2000 yes	- Windows 98/SE/ME					
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		PDE Direct print		onal Multi PDL Printer:			
LDAP yes yes standard yes	LDAP yes yes standard yes	LDAP) MHz optio				yes.
SAP Barcode print yes yes	SAP Barcode print yes yes	SAP Barcode print) MHz optio	onal Multi PDL Printer: 2,8 GHz	yes		
Booklet yes standard yes	Booklet yes standard yes	Booklet) MHz optio	onal Multi PDL Printer: 2,8 GHz	yes		yes
Private print yes standard yes		Private print	0 MHz optio	onal Multi PDL Printer: 2,8 GHz	yes standard		yes yes yes yes

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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	258	256	256
Scan to e-mail Scan to PC	yes	optional	yes	yes	yes
Scan to FTP	yes yes	optional optional	yes yes	yes	yes yes
TWAIN	yes	- Constitution	yes	yes	yes
Operating Systems					
- Windows	yes	yes	yes	yes	yes
- MAC - other	no 				
File formats	-				-
- TIFF	yes	yes	yes	yes	yes
- PDF	yes	yes	yes	yes	yes
- JPEG - other	no	no MTIFF	no XPS	yes	yes encrypted PDF
- outer		MIIII	AI J		encrypted FDF
- USB	no		n.a.		
- network	10/100BaseTX		n.a.	Network TWAIN	
- other	Minht availformula				
Fax Functions Compatibility	Nicht availfromle	Super G3	Super G3	optional Super G3	Super G3
Modem speed		Super GS	33.600 bps	33,6 Kbps	33.6 Kbps
Transmission time (sec.)			n.a.		3
Compression					
- JBIG - MMR		yes yes	yes yes	yes yes	yes yes
- MR		yes yes	yes	yes	yes yes
- MH		yes	yes	ýes	yes
Resolution - standard					
- fine					203,2 x 97,8
- superfine					
- ultrafine			600 x 600 dpi		406,4 x 391
- other		400		400 x 400	2.142
standard Memory (MB) Page Capacity		120 8.000	32	4 MB	8 MB
Memory Expansion (MB)		0.000		24 MB	
One touch dials		199	200		
frombreviated dials		1.800	1.000		
Group dials Delayed transmission			yes		
Broadcast			yes yes		
Dual access			yes		
Duplex reception			yes	<u>-</u>	
Auto redialling Fax to e-mai			yes		
PC-Fax					yes
Consumfromles					7.5
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 Power Consumption (Watt)			250.000	350.000	
Max.	1.950 Watt	2.300	2.000 Watt	1.850 Watt	21 kW/week
	1.650 YVdii	2.300	2.000 Wall	1.000 Watt	2 i kiv/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	hard disk for Box function	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" colou monitor, OSA-system architecture, spirale binding option, Z-folding unit, punch option, post inserter optiona data security kit, 1,000 management codes, barcode font option, archiving option

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Manufacturer Model	TA Triumph-Adler DC 2182	Toshiba e-Studio 723	Toshiba e-Studio 853	Xerox WC 5675	Xerox 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 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 - colour	yes no	yes no	yes no	yes optional	yes optional
Hardware Fax	no	option	option	optional	optional
ADF RADF Duplex-Scan	standard (260 sheet) standard	standard (100 sheet)	standard (100 sheet) no	standard (100 sheet)	standard (100 sheet)
Paper cassette(s) - standard	4	4	3	4	4
- optional Finisher	1 2 000 shoot/ 50 shoot	1 4.000 sheet/50 sheet stapling, 4.000 sheet/50 sheet stapling with saddlestapling (15 pages), 4.000 sheet/100 stapling	1 4.000 sheet/50 sheet stapling, 4.000 sheet/50 sheet stapling with saddlestapling (15 pages), 4.000 sheet/100 stapling	1 1.500 sheet/ 50 sheet	1 1.500 sheet/ 50 sheet stapling, 80-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/printe
Hard Disk Data Security Ki		40 GB optional	40 GB optional	80 GB standard for copier/printer	80 GB standard for copier/printer
Monthly Copy/Print Volume Paper capacity	80.000	50.000-100.000	100.000-150.000	300.000	400.000
- cassette(s - Bypass	4.000 sheet 100 sheet	3.500 sheet 100 sheet	3.500 sheet 100 sheet	8.600 sheet 100 sheet	8600 sheet 100 sheet
max. paper capacit		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 - Bypass	60-160 g/m² 60-200 g/m²	64-209 g/m² 64-209 g/m²	64-209 g/m² 64-209 g/m²	60-200 g/m² 60-216 g/m²	60-200 g/m² 60-216 g/m²
Paper output - face down	250 sheet	550	550	200 sheet	200 sheet
- face up max. original forma		no DIN A3	no DIN A3	DIN A3	DIN A3
Dimensions in mn (H x B x T		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 1.558 x 725	1.147 x 1.271 x 704 (copier w/ finisher) 1.147 x 1.558 x 725
Weight (kg)	188	210	210	(copier/printer w/ finisher) 156 (copier w/ finisher) 164 (copier/printer w/ finisher)	(copier/printer w/ finisher) 158 (copier w/ finisher) 164 (copier/printer w/ finisher)
Copy Functions				Tirisner)	illistier)
Copy speed (cpm	82	72	85	75	87
warm-up time (sec.	30	130	130	28	28
Warm-up time (sec. 1st copy (sec.	2,9	4	3,5	2,7	2,7
1st copy (sec.) Resolution (dpi	2,9 600 x 600 1.800 dpi level x 600 dpi	4 600 x 600	3,5 600 x 600	2,7 600 x 600	
1st copy (sec.) Resolution (dpi Grey scales Zoom	2,9 600 x 600 1.800 dpi level x 600 dpi	4	3,5	2,7	2,7
1st copy (sec.) Resolution (dpi Grey scales Zoom Fixed zoom ratio	2,9 600 x 600 1.800 dpi level x 600 dpi 258	4 600 × 600 256	3,5 600 x 600 256	2,7 600 x 600 256	2,7 600 x 600
1st copy (sec.) Resolution (dpi Grey scales Zoom	2,9 600 x 600 1.800 dpi level x 600 dpi 258	4 600 × 600 256	3,5 600 x 600 256	2,7 600 x 600 256 25 - 400% 256 (copier)	2,7 600 x 600 26 - 400% 256 (copier)
1st copy (sec.) Resolution (dpi Grey scales Zoom Fixed zoom raito System memory - standard (MB)	2,9 800 x 800 1.800 dpi level x 800 dpi 256 25 - 400%	4 600 x 600 256 25 - 400%	3,5 600 x 600 256 25 - 400%	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier) 768 (copier)	2,7 600 x 600 25 - 400% 256 (copier) 768 (copier) 768 (copier)
1st copy (sec.) Resolution (dpi Grey scalet Zeom Fixed zoom raino System memory - standard (MB) - maximum (MB) Hard Disk	2.9 600 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB	4 600 x 600 266 25 - 400%	3,5 600 x 600 256 25 - 400%	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier/printer) 768 (copier/printer) 1.024 (copier/printer) 8 0 GB	2,7 600 x 600 26 - 400% 256 (copier) 768 (copier/printer) 768 (copier/printer) 1.024 (copier/printer) 80 GB
1st copy (sec.) Resolution (dg) Grey scales Zoom Fixed zoom root System memory - standard (MB) - maximum (MB) Hard Disk Scan Once - Copy Maximum (MB)	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB standard	4 600 x 600 256 25 - 400% 320 576 40 GB	3,5 600 x 600 256 25 - 400% 320 576 40 GB	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier) 768 (copier) 1,024 (copier) 1,024 (copier)	2,7 800 x 600 26 - 400% 256 (copier) 768 (copier) 768 (copier) 1.024 (copier)
1st copy (sec.) Resolution (dg) Grey scales Zoom Fixed zoom room System memory - standard (MB) - maximum (MB) Hard Disk Scan Once - Copy Maximum Electronic soon Rotation soon	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB standard standard	4 600 x 600 266 25 - 400% 320 576	3,5 600 x 600 256 25 - 400% 320 576	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier/printer) 768 (copier/printer) 1.024 (copier/printer) 8 0 GB	2,7 600 x 600 26 - 400% 256 (copier) 768 (copier/printer) 768 (copier/printer) 1.024 (copier/printer) 80 GB
1st copy (sec.) Resolution (dg) Grey scales Zoom Fixed zoom room System memory - standard (MB) - maximum (MB) Hard Disk Soan Once - Copy May Electronic sor Rotation sor Offsets Job Reservation	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB standard standard standard	4 600 x 600 256 25 - 400% 320 576 40 GB	3,5 600 x 600 256 25 - 400% 320 576 40 GB	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier/printer) 768 (copier/printer) 1.024 (copier/printer) 8 0 GB	2,7 600 x 600 26 - 400% 256 (copier) 768 (copier/printer) 776 (copier/printer) 1.024 (copier/printer) 80 GB
1st copy (sec.) Resolution (dg) Grey scales Zonon Fixed zoon scales System memory - standard (MB) - maximum (MB) Hard Disk Scan Once - Copy Many Electronic sor Rotation sor Offset Job Research Veryegory Nurse Nurse Nurse Nurse Service Resolution sor Nurse	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB standard standard standard standard standard	4 600 x 600 256 25 - 400% 320 576 40 GB	3,5 600 x 600 256 25 - 400% 320 576 40 GB	2,7 600 x 600 256 25-406% 25-406% 256 (copier) 768 (copier)r768 (copier)r10.24 (copier)rinter) 80 GB standard	2,7 600 x 600 25 - 400% 25 - 400% 256 (copier) 768 (copier) 1024 (copierprinter) 80 GB standard
1st copy (sec.) Resolution (dg) Grey scales Zoom Fixed zoom raio System memory - standard (MB) - maximum (MB) Hard Disk Soan Once - Copy May Electronic sor Rotation sor Offset Job Reservation overlay/Watermark N-up copy Continuous copy	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB standard standard standard standard standard	4 600 x 600 256 25 - 400% 320 576 40 GB	3,5 600 x 600 256 25 - 400% 320 576 40 GB	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier)rinter) 768 (copier)sprinter) 80 GB standard 1 - 9.990	2,7 600 x 600 26 - 400% 256 (copier) 768 (copier) 1,024 (copier) 1,024 (copier) 3,036 standard standard 1 - 0,999
1st copy (sec.) Resolution (dg) Grey scales Zoom Fixed zoom ratio System memory - standard (MB) - maximum (MB) Hard Disk Scan Once - Copy May Electronic sor Rotation sor Rotation sor Offset Job Reservatio overlay/Watermari N-up copy Continuous copy Print Functions	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB standard standard standard standard standard standard standard standard standard	4 600 x 600 256 256 25 - 400% 320 576 40 GB standard standard n.a. optional	3,5 600 x 600 256 256 25 - 400% 320 576 40 GB standard standard n.a. optional	2,7 e00 x e00 256 25-400% 256 (copier) 768 (copier)rinter) 768 (copier)rinter) 80 GB standard 1 - 0.999 optional for copier-ver. standard for copier/inter-ver.	2,7 600 x 600 26 - 400% 256 (copier) 768 (copier) 1.024 (copier/printer) 80 GB standard 1 - 0.300 optional for copier-ver- standard voor standard very stand
1st copy (sec.) Resolution (dg) Grey scales Zonon Fixed zoon recommend (MB) System memory - standard (MB) - maximum (MB) Hard Dis Scan Once - Copy Many Electronic sor Rotation sor Rotation sor Offset Job Reservation oversyWatermart N-up copy Print Functions	2.9 60 x 600 1.800 dpi level x 600 dpi 258 25 - 400% 128 128 40 GB standard	4 600 x 600 266 25 - 400% 320 576 40 GB standard n.a.	3,5 600 x 600 256 25 - 400% 320 576 40 GB standard standard	2,7	2,7 600 x 600 26 - 400% 256 (copier) 768 (copier) 1.024 (copier/printer) 80 GB standard 1 - 0.909 optional for copier-ver- standard
1st copy (sec.) Resolution (dg) Grey scales Zonato Fixed zoom recommender System memory - standard (MB) - maximum (MB) - maximum (MB) Betwome soon Rotatons soon Rotatons soon Rotatons soon Rotatons soon Rotatons soon Print Functions Print Functions	2.9 600 x 600 1.800 dpi level x 600 dpi 25 - 400% 128 128 128 40 GB standard	4 600 x 600 286 285 - 400% 320 576 40 GB standard standard n.a. optional	3,5 600 x 600 256 256-400% 320 576 40 GB standarda. optional PCL6 standard	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier)rinter) 768 (copier)rinter) 80 GB standard standard standard standard for copier-ver. standard for copier-ver. standard standard	2,7 600 x 600 25 - 400% 25 - 400% 256 (copier) 768 (copier) 768 (copier) 104 (copierprinter) 80 GB standard 1 - 0 900 optional for copier-ver. standard for copierprinter- standard standard standard
1st copy (sec.) Resolution (dg) Grey scales Zonato Fixed zoon recommend (MB) - maximum (MB) - maximum (MB) Hard Disk Scan Once - Copy May Electronic sor Rotation sor Rotation sor Rotation sor Rotation sor Offsets Job Reservation overlay/Watermark N-Uso copy Continuous copy Print Functions PDL - PCLSerie - PS2 - PS3 - GD) - other	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB standard	4 600 x 600 266 25 - 400% 320 576 40 GB standard standard n.a. optional	3,5 600 x 600 256 256 - 400% 320 576 40 GB standarda. optional	2,7 e00 x e00 256 25-400% 256 (copier) 768 (copier/printer) 768 (copier/printer) 80 GB standard 1 - 9.999 optional for copier-ver. standard for copier/inter-ver.	2,7 600 x 600 26 - 400% 26 - 400% 256 (copier) 768 (copier) 1.024 (copierprinter) 80 GB standard standard 1 - 0.909 optional for copierprinter ver. standard
1st copy (sec.) Resolution (dg) Grey scales Zonatio Fixed zoom scales System memory - standard (MB) - maximum (MB) - maximum (MB) Mard Disk Scan Once - Copy Many Electronic soor Rotators soor Rotators soor Rotators soor Rotators soor Offsets Job Reservation oversyWatermark N-up copy Continuous copy Print Functions PDL - PCL5e/e/ - PS2 - PS3 - GD - other	2,9 600 x 600 1.800 dpi level x 600 dpi 25 - 400% 128 128 128 40 GB standard	4 600 x 600 286 25 - 400% 320 576 40 GB standard standard no	3,5 600 x 600 256 255 - 400% 320 576 40 GB standard standard pCL6 standard standard standard standard	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier)rinter) 768 (copier)rinter) 80 GB standard standard standard standard for copier-ver. standard for copier-ver. standard standard	2,7 600 x 600 25 - 400% 25 - 400% 256 (copier) 768 (copier) 768 (copier) 104 (copierprinter) 80 GB standard 1 - 0 900 optional for copier-ver. standard for copierprinter- standard standard standard
1st copy (sec.) Resolution (dg) Grey scales Zoom ratio System memory - standard (MB) - maximum (MB) Hard Diss Scan Once - Copy Many Electronic sor Rotation sor Rotation sor Rotation sor Coffset John Reservation overlay/Watermari N-up copy Print Functions PDL - PCL5e/e - PS2 - PS3 - G0 - other UF - paralle - USB	2,9 600 x 600 1.800 dpi level x 600 dpi 25 - 400% 128 128 128 40 GB standard standa	4 600 x 600 266 25 - 400% 320 576 40 GB standarda. optional PCL6 standard no XPS	3,5 600 x 600 256 256 25 - 400% 320 576 40 GB standard standard n.a. optional PCL6 standard no XPS	2,7 600 x 600 256 25-400% 256 (copier) 768 (copier)rinter) 768 (copier)rinter) 80 GB standard 1 - 9.999 optional for copier-ver. standard for copier-ver. standard standard standard standard uno	2,7 600 x 600 25 - 400% 25 - 400% 256 (copier) 768 (copier) 768 (copier) 1041 (copierprinter) 80 GB standard 1 - 0.909 polional for copier-ver. standard for copierprinter- standard for copierprinter- yer standard for copie
1st copy (sec.) Resolution (dg) Grey scales Zoon ratio Fixed zoon matio System memory - standard (MB) - maximum (MB) Hard Disk Scan Once - Copy Many Electronic sor Rotation sor Rotation sor Offset Job Reservation overlayWatermari N-up copy Print Functions PDL - PCL5eid - PS2 - PS3 - GD - other UF - paralle - USB - USB - USB - PS2 - PS3 - GD - Other - PS3 - GD - Other - PS4 - PS4 - PS5 - PS5 - PS5 - PS6 - Other - PS7 - PS8 - PS8 - Retwork - PS8 - PS9 -	2,9 600 x 600 1.800 dpi level x 600 dpi 25 - 400% 128 128 128 40 GB standard	4 600 x 600 266 25 - 400% 320 576 40 GB standard standard n.a. optional PCL6 standard standard standard standard ptional PCL6 standard standard standard standard no XPS	3,5 600 x 600 256 256-400% 320 576 40 GB standard n.a. optional PCL6 standard no XPS IEEE (802.11b/g) FUII-Speed-USB 10/100BaseT	2,7 600 x 600 256 25-400% 256 (copier) 768 (copier/printer) 768 (copier/printer) 80 GB standard 1 - 0,899 optional for copier-ver. standard for copier/printer-ver. standard standard	2,7 600 x 600 25 - 400% 25 - 400% 256 (copier) 768 (copier) 768 (copier) 1.024 (copier)rinter) 80 GB standard 1 - 0 200 optional for copier-ver- standard for copier-ver-
1st copy (sec.) Resolution (dg) Grey scales Zoon ratio System memory - standard (MB) - maximum (MB) Hard Disk Scan Once - Copy Many Electronic sor Rotation sor Rotation sor Offset Job Reservation overlayWatermari N-up copy Print Functions PDL - PCL5eid - PS2 - PS3 - GD - other UF - paralle - Uservation - Uservation - Rotation sor - PS2 - PS3 - GD - other - PS2 - PS3 - GD - other - PS2 - PS3 - GD - other - Uservation - System - Network - Windows 96/5E/ME - Vindows 96/5E/ME	2,9 600 x 600 1.800 dpi level x 600 dpi 25 - 400% 128 128 128 40 GB standard	4 600 x 600 286 25 - 400% 320 576 40 GB standard standard n.a. optional PCL6 standard standard standard standard ptional PCL6 standard standard standard no XPS	3,5 600 x 600 256 256-400% 320 576 40 GB standard n.a. optional PCL6 standard no XPS IEEE (802.11b/g) FUII-Speed-USB 10/100BaseT yes	2,7 600 x 600 256 25 - 400% 256 (copier) 768 (copier) 768 (copier) 1.024 (copier) 80 GB standard standard standard for copier-ver. standard for copier-ver. standard for copier-ver. standard standard standard no USB 2.0 (option) 10/100BaseT	2,7 600 x 600 25 - 400% 25 - 400% 256 (copier) 768 (copier) 768 (copier) 1,024 (copier) 80 GB standard 1 - 0,000 optional for copier-ver. standard for copier-printer- extendard for copier-printer- extendard for copier-printer- extendard for copier-ver. standard no USB 2,0 (option) 10/100BaseT
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1st copy (sec.) Resolution (dg) Grey scales Zonatio Fixed zoom scales System memory - standard (MB) - maximum (MB) Hard Dis Scan Once - Copy Many Electronic sor Rotation sor	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 40 GB standard standar	4 600 x 600 266 25 - 400% 320 320 576 40 GB standard standard n.a. optional PCL6 standard no XPS IEEE (802.11b/g) Full-Speed-USB 10/10063eseT yes yes yes yes	3,5 600 x 600 256 250 x 600 256 25 - 400% 320 576 40 GB standard standard n.a. optional PCL6 standard nc XPS IEEE (802.11big) Full-Speed-USB 10110BaseT yes yes yes yes	2,7 600 x 600 256 25-406% 25-406% 256 (copier) 768 (copier) 768 (copier) 1.024 (copier) 1.024 (copier) standard 1 - 9.999 optional for copier-ver. standard for copier-ver. standard standard no 0 USB 2.0 (option) 10/1008aseT	2,7 600 x 600 25 - 400% 25 - 400% 256 (copier) 768 (copier) 768 (copier) 1,024 (copier)niner) 80 GB standard 1 - 9,99 optional for copier-ver. standard for copier-printer- ver. standard standard 10 1,000 standard standard 1,000 sta
1st copy (sec.) Resolution (dg) Grey scales Zoom Fixed zoom ratio System memory - standard (MB) - maximum (MB) Hard Disk Scan Once - Copy Man Electronis core Rodostronis Scan Once - Copy Man Electronis core Rodostronis Offset Job Reservatior overlayWatermari OverlayWatermari N-up copy Continuous copy Print Functions PDL - PCLSet - P32 - P33 - GD - other Wiff - parallel - USB - netword Operating System - Windows 96/SEM4 - Windows 200 - Windows 200 - Windows 200	2.9 60 x 600 1.800 dpi level x 600 dpi 256 25 - 400% 128 128 128 40 GB standard standard standard standard standard standard standard for hold standard sta	4 600 x 600 286 25 - 400% 320 576 40 GB standard standard no XPS IEEE (802.11b/g) FUI-Speed-USB 10/100BaseT yes yes yes	3,5 600 x 600 256 256-400% 320 576 40 GB standard n.a. optional PCL6 standard no XPS IEEE (802.11b/g) FUII-Speed-USB 10/100BaseT yes yes	2,7 600 x 600 256 25-400% 256 (copier) 768 (copier) 768 (copier) 768 (copier) 80 GB standard standard 1 - 9,999 optional for copier-ver. standard for copier-ver. standard no USB 2.0 (option) 10/100BaseT	2,7 600 x 600 25 - 400% 25 - 400% 256 (copier) 768 (copier) 768 (copier) 1,024 (copier) 80 GB standard 1 - 0,000 optional for copier-ver. standard for copier-printer- extendard for copier-printer- extendard for copier-ver. standard standard 1,000 0,000
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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 up to 85 pages b/w	optional up to 85 pages b/w
Speed/min.	up to 110 images	83	83	up to 28 pages colour	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	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 Scan to FTP	yes yes	yes	yes	yes yes	yes yes
TWAIN	yes	yes	yes	yes	yes
Operating Systems					
- Windows	yes	yes	yes	yes	yes
- MAC - other	no 				
File formats	-				
- TIFF	yes	yes	yes	yes	yes
- PDF	yes	yes	yes	yes	yes
- JPEG	no	no No pre tyr vi o	no Non Deep Turk VII o	V50	V56
- other	-	XPS,RTF,TXT,XLS	XPS,RTF,TXT,XLS	XPS	XPS
- USB	no	n.a.	n.a.		
- network	10/100BaseTX	10/100BaseTX	10/100BaseTX		
- other					
Fax Functions Compatibility	Nicht availfromle	Super G3	Super G3	Super G3	Super G3
Modern speed		Super GS	Super GS	33,6 kbps	33,6 kbps
Transmission time (sec.)		3	3	4	4
Compression					
- JBIG - MMR		yes	yes		
- MMR - MR		yes yes	yes yes	yes yes	yes yes
- MH		yes	yes	yes	yes
Resolution		Í	Í		
- standard				200 x 100	200 x 100
- fine - superfine				200 x 200 600 x 600	200 x 200 600 x 600
- ultrafine				555 x 555	000 x 000
- 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-mai 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)				1.640 Watt (copier)	1.790 Watt (copier)
Max.	1.950 Watt	1.700 Watt	1.700 Watt	1.690 Watt (copier/printer)	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