



The powerful new DOCUJET 3816/3820 Series Multifunction Copier offers advanced features such as duplex copy/print and network scan/print to enhance the productivity of your professional workgroup. Streamline and improve the effectiveness of your office with the all-in-one, true multitasking DOCUJET 3816/3820 Series.

Compact, powerful, and flexible, the DOCUJET 3816/3820 Series combines the functions of a digital copier, flat bed scanner, laser printer, and internet fax machine into one space-saving device. Exceptionally clear duplex copies and printouts are produced with the DOCUJET 3816/3820's high-performance, high-resolution 600 dpi digital laser printing engine. Powerful networking features allow the DOCUJET 3816/3820 Series to easily manage the heavy duty document processing demands of your professional office workgroup.

Improve Workgroup Productivity

Save with Fast Duplex Copies

Duplex copying helps you save paper, which reduces office expenses as well as the amount of paper you need to file, shuffle, or carry about. The DOCUJET 3816/3820 Series provides copies at a rapid 16/20 cpm with the optional 50-sheet ADF or the optional extra capacity 80-sheet ADF-R. For added efficiency a mixed document copying feature automatically detects the size of an original document and outputs a copy of the same size. An initial warm up time of less than 15 seconds and an industry leading first copy time of less than 7 seconds saves valuable time and enhances office productivity.

Rapid Network Scans and Printing

With an efficient scan-to-email network scan function, the DOCUJET 3816/3820 Series makes your document distribution faster and more effective. Other network features include express duplex printing of up to 20 pages-per-minute with 600 x 600 dpi high-resolution print quality. A criss-cross printing function (PCL6) allows landscape (odd) and portrait (even) output during the same print job. A long-lasting toner cartridge provides 11,000 pages yield life. Standard paper capacity is 250 sheets up to a maximum 1,350 sheets depending on your requirements. Standard GDI printing fulfills general office printing needs, while the optional PCL6 and 10/100 BaseT Ethernet satisfies complex network print jobs.

Super G3 Fax and i-Fax

Fax capability is standard on the DOCUJET 3816F and 3820F models, which offer full-function fax-copy control panels, a high 33.6k bps transmission speed, standard 32 MB page memory, and an optional 64 MB. The paperless fax receipt feature means there's no need to worry about running out of paper. With i-Fax, you can save the expense of routine calls and complete other jobs at the same time. The i-Fax is also an option for both the DOCUJET 3816 and the DOCUJET 3820.

True Multitasking Saves You Time

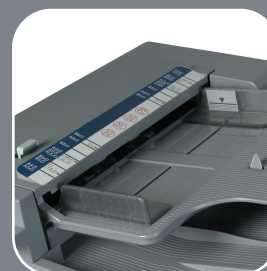
True multitasking lets the members of your workgroup utilize the multiple functions of the DOCUJET 3816/3820 Series simultaneously. One member of your group can print while another is scanning or sending and receiving faxes. The multitasking capability of the DOCUJET 3816/3820 Series improves overall office productivity while saving valuable office space.



Fax-copy control panel with easy-to-use fax/scan/copy buttons and LCD screen



Duplex copying that is quick and easy, to save filing space and paper expense



80-sheet ADF-R for fast and convenient copying and scanning jobs



This digital duplex copier, laser printer and network scanner gives you a powerful all-in-one professional document solution center in a compact, space-saving device.

DOCUJET 3816/3820 Series

The DOCUJET 3816/3820 Series comes in four different models, which are configured with a fax kit as either standard or optional and based on either the GDI or PCL printing format. The 3820 models have a faster print speed of 20 PPM and a faster warm up time of 15 seconds. The following table describes the bundled and optional features available for each model.

Model name	UA3816F	UA3820F	UA3816	UA3820
Print Speed	16PPM	20PPM	16PPM	20PPM
Warm Up Time	30sec	15sec	30sec	15sec
Duplex Unit	N/A	Option	N/A	Option
ADF-R (80 sheet)	N/A	Option	N/A	Option
ADF (50 sheet)	Option	Option	Option	Option
Universal Cassette Unit	Max.1	Max.4	Max.1	Max.4
Multi Feed Bypass Tray	Option	Option	Option	Option
Fax Kit	Standard	Standard	Option	Option
Network Print Card	Option	Option	Option	Option
Network Scan / I-Fax chip	Option when Network Print Card is installed	Option when Network Print Card is installed	Option when Fax kit and Network Print Card are installed	Option when Fax kit and Network Print Card are installed

DOCUJET 3816/3820 Series Specifications

General

Item	
Platen Type	Stationary
Photo Conductor	OPC
Copy System	Electrostatic Dry Powered Image Transfer
Transfer System	Transfer Roller System
Copy Speed	16/20 CPM
1 to 1 Copy Speed	16 CPM
Scan Resolution	600x600 dpi
Gray Scale	256 Level
First Copy Time	7 sec or less (Platen) 11 sec or less (ADF, ADF-R)
Warm Up Time	15 sec or less (UA3820/ 3820F) 30 sec or less (UA3816/ 3816F)
Max. Original Size	A3-L (11" x 17")
Standard Paper Input	250 sheets + 1 sheet Bypass
Max. Paper Capacity	1,350 sheets
Media Output	250 sheets (A4 Face down)
Copier Memory	32 MB/ 96 MB (Max.)
Zoom Range	50% to 200% (1% increment)
Multiple Copies	1-99
Copy Function	Auto density control 9 manual steps adjustment 2 in 1, 4 in 1, Group/ Sort X/Y Zoom, Reverse
Power Supply	120V or 230V, 60Hz
Power Consumption	Less than 1,250W
Dimensions (W)x(D)x(H)(Main Unit)	599mm x 620mm x 520mm (23" x 24" x 20")
Weight (Main Unit)	38 Kg (84 lbs.)

PCL Printing Function

Item	
Print Speed	16/ 20 PPM
Memory	16 MB/ 144 MB (Max.)
PC Interface	Parallel, USB1.1
PCL	PCL5e, PCL6
Resolution	600x600 dpi, 1200x600 dpi (Enhanced)
Duplex	Yes (Optional)
Operating System	Window 95/98/NT4.0/2000/Me/XP
Font	45 Scalable fonts and 8 line printer fonts Download True type and bitmap Font
Network PCL Interface	10/100 Base-TX (Optional)
Special Features	RIP once print many Security printing Criss Cross

Network Scan Function

Item	
Scan System	CCD
Duplex Scan	Yes (When ADF-R is installed)
Network Scan Resolution	600 x 600 dpi
Driver	Twain
PC Interface	USB1.1
Operating System	Win 98/Me/2000/XP
Image Data Type	TIFF, PDF
Network Image Transmission	Scan to E-Mail Scan to FTP URL notification

Fax Function

Item	
Compatibility	ECM/Super G3
Line	PSTN, PBX
Modem Speed	V.34 Up to 33.6K bps
Transmission Speed	3 spp
Compression Mode	MH/MR/MMR/JBIG
Output Resolution	600 x 600 dpi
Gradation	256
One Touch Dial	27
Speed Dial	200
Program Dial	4
Group Dial	16
Broadcast	Yes
Memory Backup	Yes
Receiving Memory	Standard 32 MB (320 pages) Max. 96 MB
Smoothing	Yes
Upgrade F/W	Yes via USB
LSD	Yes via USB

Options

- ADF: 50 sheets (A5L~A3)
- ADF-R: 80 sheets (B6L~A3)
- Universal Cassette Unit: 250 sheet x Max. 4
- Multi Feed Bypass Tray: 100 sheet
- Duplex Unit
- i-Fax
- Network Interface Card

Operating

- Environment
Temperature: 10 to 30 °C
Relative Humidity: 15 to 85 %
- Drum Cartridge: Average 40,000 prints or more (6% coverage)
- Toner Cartridge: Average 11,000 prints or more (6% coverage)
- Max. Monthly Copy Volume:
12,000 copies/Month (UA3816/ 3816F)
16,000 copies/Month (UA3820/ 3820F)

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Printed in Taiwan

DOCUJET 3816/3820 Series

Multifunction Copier

True network multitasking and duplex output for the professional workgroup

All-in-One Document Solution Center for the Professional Workgroup



TECO Image Systems

TECO Image Systems Co., Ltd.

This product is designed and manufactured by TECO Image Systems
http://www.tecoimage.com.tw