TOSHIBA
Leading Innovation >>>

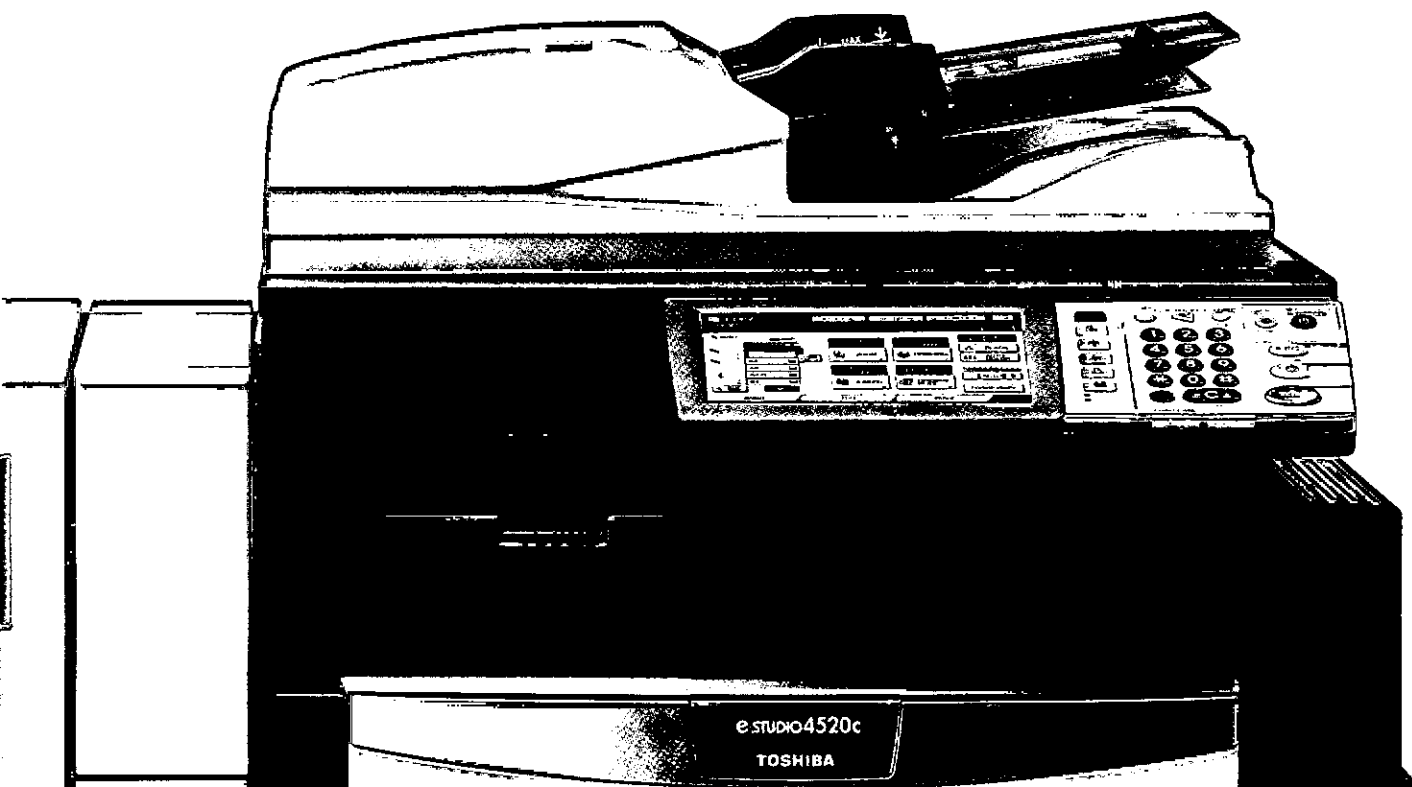**e·STUDIO2820c**
e·STUDIO3520c
e·STUDIO4520c

High-Quality Colour Document System

The New Face of Efficiency

e·STUDIO4520c

TOSHIBA
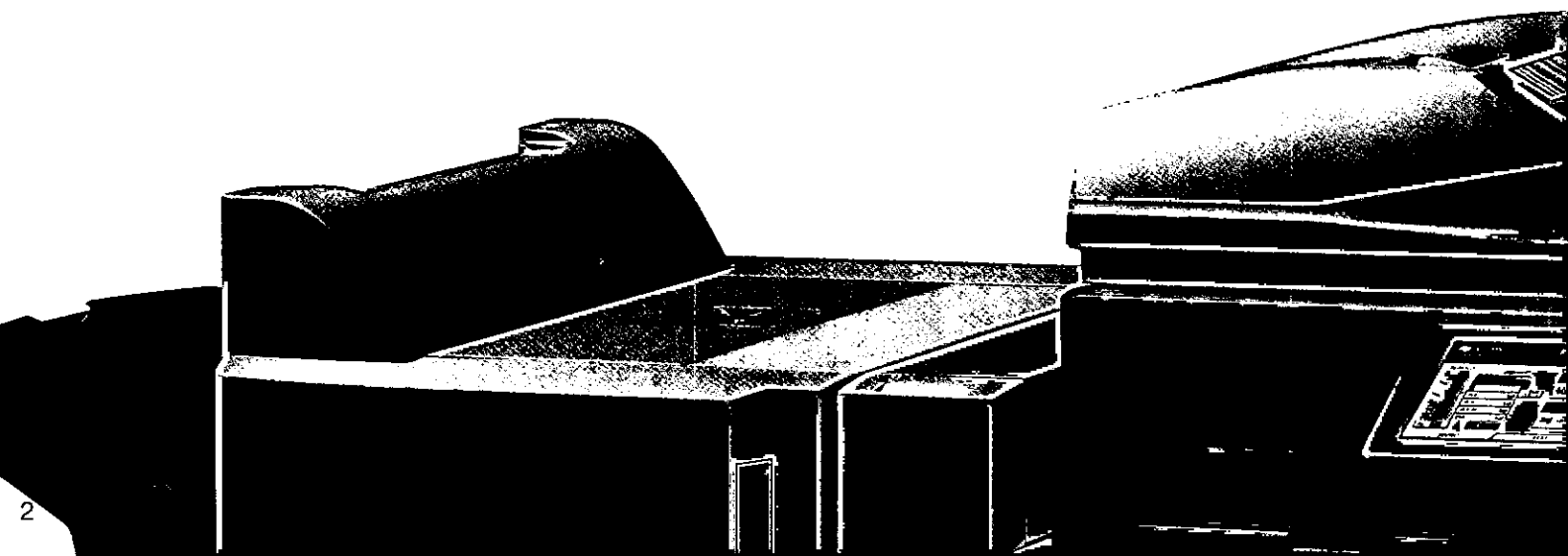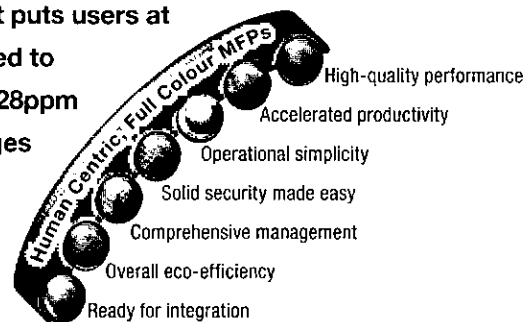
Unwavering full-colour performance

New Toshiba e-STUDIO2820c/3520c/4520c full-colour MFPs streamline your everyday workflow. Based on Toshiba's unique Human Centric concept that puts users at the center of MFP research and development, every detail is refined to achieve high performance with ease. The full lineup ranging from 28ppm to 45ppm answers diverse business needs. Discover the advantages of high image quality, outstanding reliability, steady input/output productivity, operational simplicity, solid security, excellent eco-efficiency, and easy integration. Toshiba exists to meet the real needs of real people.

High-quality performance
Accelerated productivity
Operational simplicity
Solid security made easy
Comprehensive management
Overall eco-efficiency
Ready for integration

for business needs.

e·STUDIO2820c
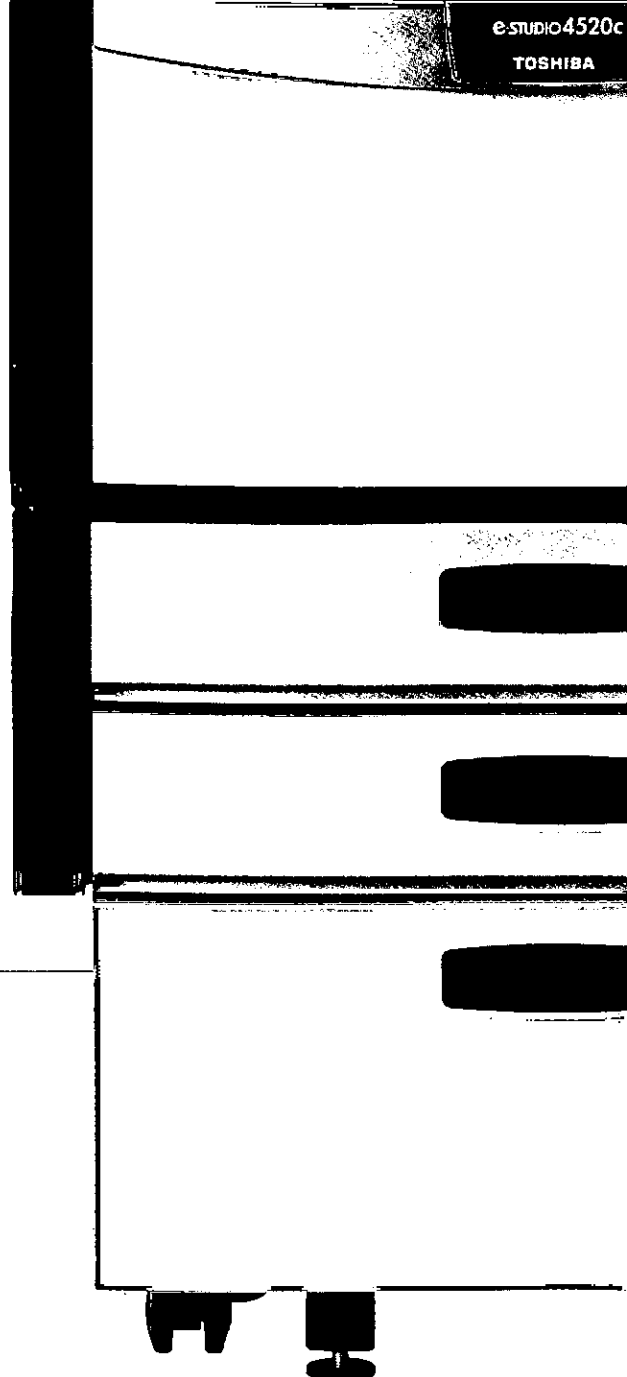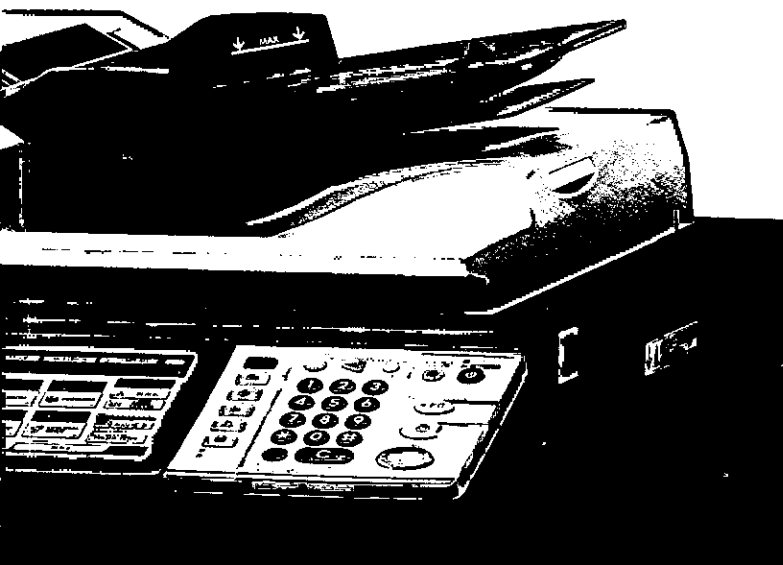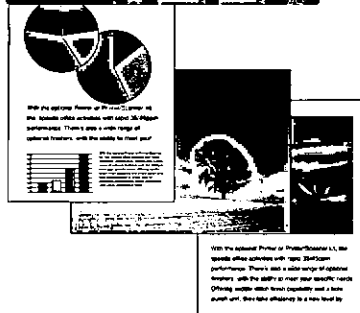Full colour: 28ppm B/W: 28ppm

e·STUDIO3520c
Full colour: 35ppm B/W: 35ppm

e·STUDIO4520c
Full colour: 45ppm B/W: 45ppm

Toshiba MFPs deliver impressive reliability and the utmost in image quality, without sacrificing speed or ease of maintenance. They ensure all your needs are fully and consistently met.

Toshiba's advanced image processing technology, e-TAIP Technology, is your assurance of impressive image output stability and quality.

Output approaching offset printing quality is maintained even during high-volume jobs, thanks to Toshiba's digital image processing technology. Image quality is extremely stable and new toner ingredients are blended exclusively for vivid results.

The Outside Erase function automatically detects and removes the dark areas that often appear near the edges when books and other thick materials are being copied/ scanned. This will result in sharper images, neater output and also reduce toner usage.

The Omit Blank Page function automatically identifies blank pages amongst a set of original documents that are being copied/scanned. Blank pages are omitted in the output or data storage – all without the need of extra software.
Note: This function is off by default.

Uptime and productivity are increased by an ERU (Easy Replaceable Unit) design and longer-lasting consumables.

The ICC profile allows customisation of colour conversion that precisely meets your needs when printing from a PC.
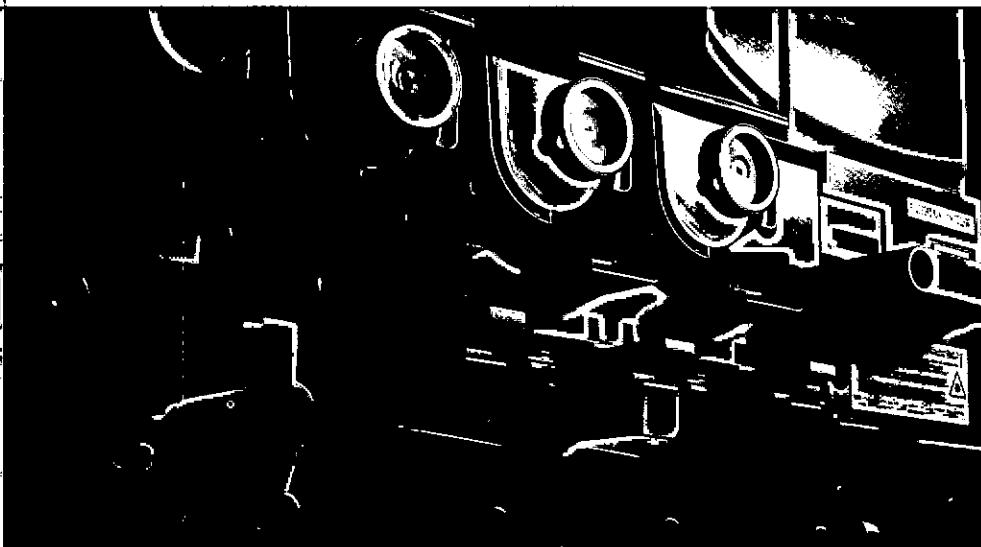
A multitasking document system with optional EFI controller (to be made available).

Versatile paper handling extends to a wide range of paper choices

Drawer:	A3 – A5R, 64 – 256gm^2
Stack Feed Bypass (multi-feed):	320 x 460mm – A6R, 64 – 280gm^2
Duplex:	A3 wide (305 x 457mm) – A5R, 64 – 256gm^2
Banner (from SFB):	305 x 1200mm, 64 – 163gm^2
Other paper:	Waterproof paper (two-sided printing/banner printing), tab paper printing (from SFB), tab paper insertion (from SFB)

Other features
• Background Adjustment • One Touch Adjustment (Warm/Cool/Vivid/Clear/Marker) • Sharpness
• Twin Colour Copy
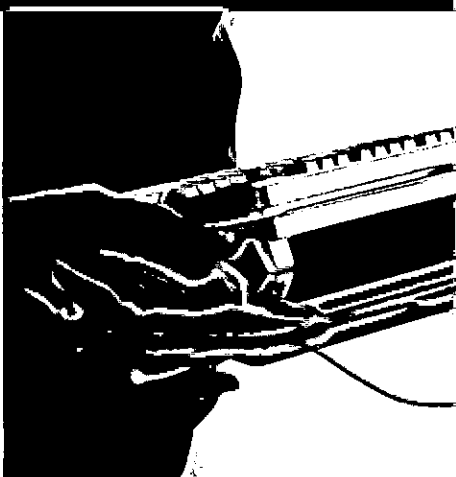
Toshiba MFPs offer large control panels and countless refinements that simplify every job for every user. They free you from the frustrations of unintuitive operation.
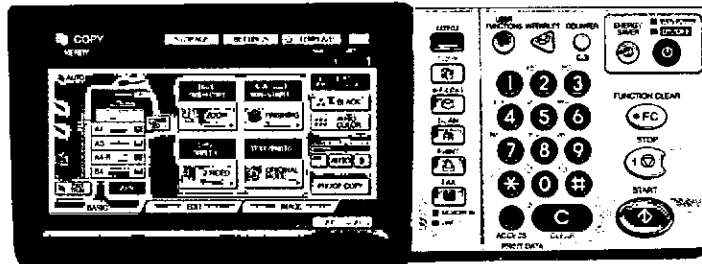
The easy-to-read 8.5" WVGA touch panel employs a tilt-adjustable design for excellent visibility.

Using the Scan Preview function, users can view previously scanned images on the control panel prior to scanning.

The new user interface allows authorized users to customize personal menu screens to complete tasks in fewer steps. Templates are also easy to create and access, contributing to user-friendly operation.

The USB Direct Print/Scan to USB function can print data from an inserted USB storage device or save scanned documents/images on the device. Compatible formats include PDF, JPEG, Slim PDF*, and XPS.
*Some restrictions may apply.

Operation is further simplified by a new, more intuitive printer driver interface and TopAccess web-based utility.

Even the paper cassette handles are designed to simplify the operation.

A newly developed waste toner box that is twice the regular size* of previous model with improvement ease of handling.
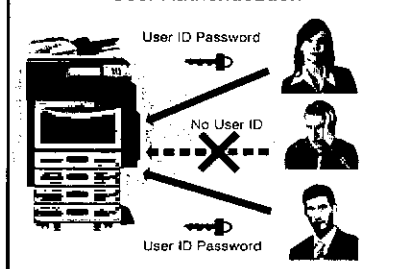*In comparison with conventional full colour models.

Other features
• TopAccess DocMon • Addressbook Viewer • Wireless LAN (optional)

User Authentication

User ID Password

No User ID

User ID Password
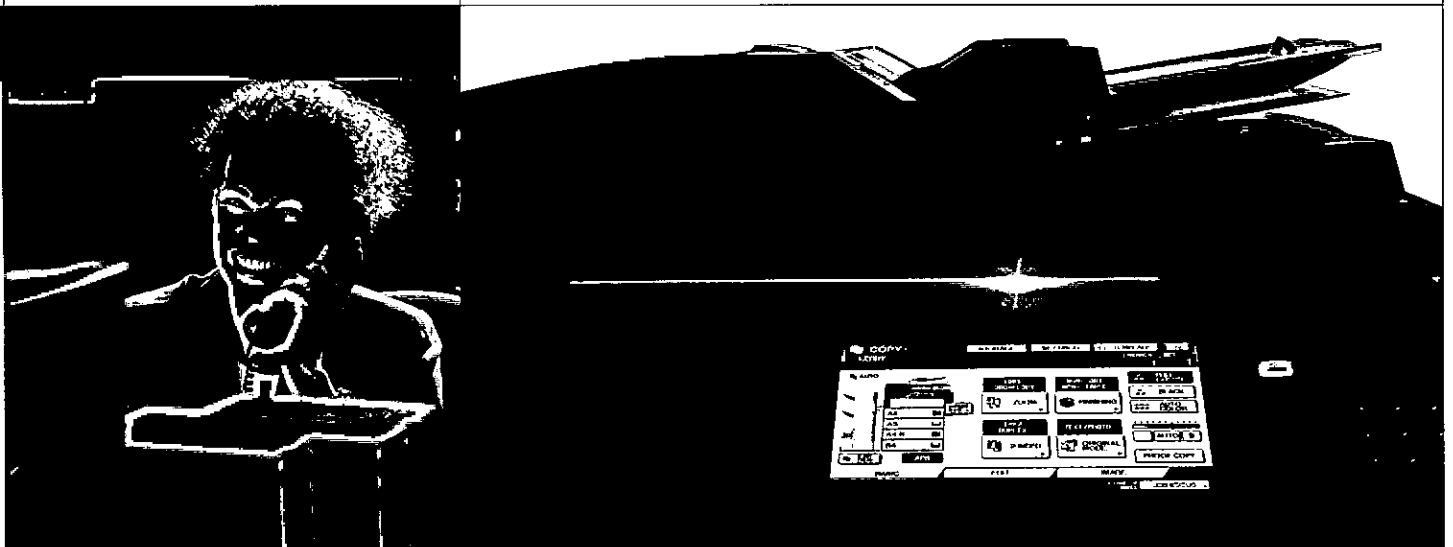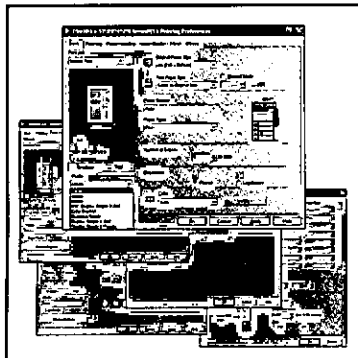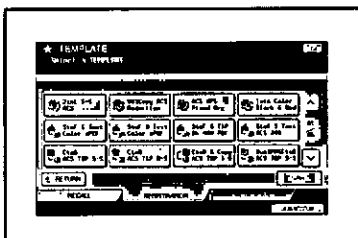
Toshiba MFPs deliver friendly, efficient functions for administrators and users that enhance job management yet, drastically reduce TCO (Total Cost of Ownership).

The Role Based Access Control (RBAC) function allows the administrators to administrate MFP capabilities, such as printing, copying, scanning and faxing to make available to each user. It is an effective means of access control for largescale organizations/sytems to monitor output costs for more effective management

An Import/Export function for Printer Driver Settings allows administrator to make necessary printer driver settings on one networked computer and then apply the settings to other computers by simply importing/exporting the file.

With the Cloning function, you can back up and store various data such as user data and setup data in a USB storage device. When multiple e-STUDIOs are installed in your office, simply insert the USB storage device to add the data and eliminate the need to set up on individual e-STUDIO MFP.
Note: To activate this function, please contact your Toshiba service technician.

The Easy Replaceable Unit (ERU) design minimises unproductive downtime through speedy recovery time. This reliability, together with long-lasting consumables such as a larger waste toner box, leads to a reduction in TCO.

The Meta Scan function allows easy support for Meta Data (XML) that helps streamline the workflow by allowing connectivity with external systems and applications.

Other features
• Guest Account Setting • Department Code (1,000 kinds)

Driven by

e-BRIDGE
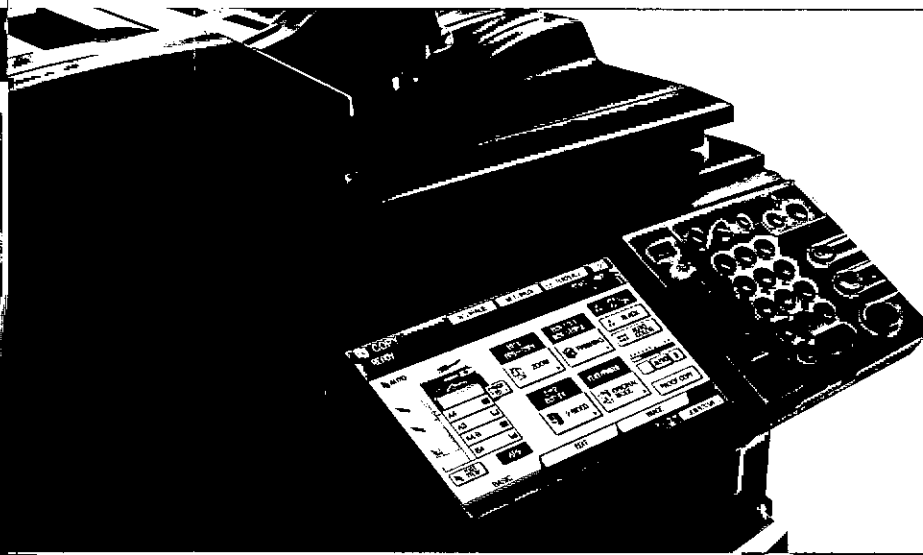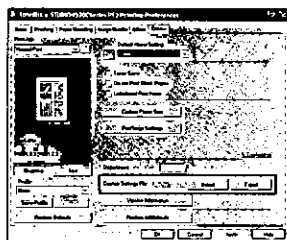
At Toshiba, every detail is refined to enhance your workflow. High print/scan speed, for example, contribute to excellent productivity. You can be sure of smooth, time-saving operation and accelerated performance throughout the process.
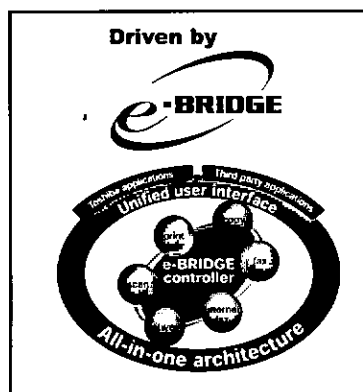
Print, copy and scan speed (pages per minute, A4):

	Print output/Copy output		Scan for scanning functions (All Colour mode)
	Full Colour	B/W	
e-STUDIO2820C	28	28	up to 57 (300dpi)
e-STUDIO3520C	35	35	
e-STUDIO4520C	45	45	

Advanced new functions, impressive interface improvements, and easier system integration are made possible by Toshiba's new 3rd generation e-BRIDGE controller, that features with 866MHz CPU, 1.0GB Main memory, 512MB Page memory, Ethernet (10/100Base T), an 80GB HDD, and the latest image/data processing ASICs.
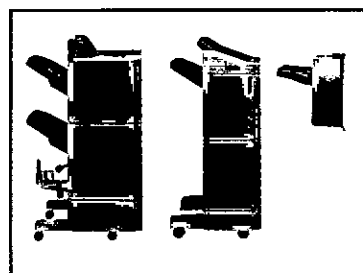
Three types of highly reliable finishers provide a diverse range of finishing options. The optional Multi-Staple Finisher (MJ-1101) employs Toshiba's original Active Drop Technology to slash processing time for continuous stapling, including dual position stapling. It also has a manual stapling function that allows re-stapling of originals after separating the pages for copying. The optional hole punch incorporates Two-dimensional Resister Technology to ensure dependably accurate hole punching, even with high-speed output (not available on MJ-1031 Hanging Finisher).

The optional RADF offers highly productive dual-sided original scanning that has similar speed as single-sided jobs.

The Slim PDF function offers the ability to reduce data volume when dealing with full-colour originals and other high-volume data.

The optional Imaging Acceleration Board, with built-in Media Processor, improves performance when creating Slim PDFs.

Other features
•e-filing features: Print to Box, Received FAX to Box, Copy & Box, Scan to File & Box, Box to Print, etc.
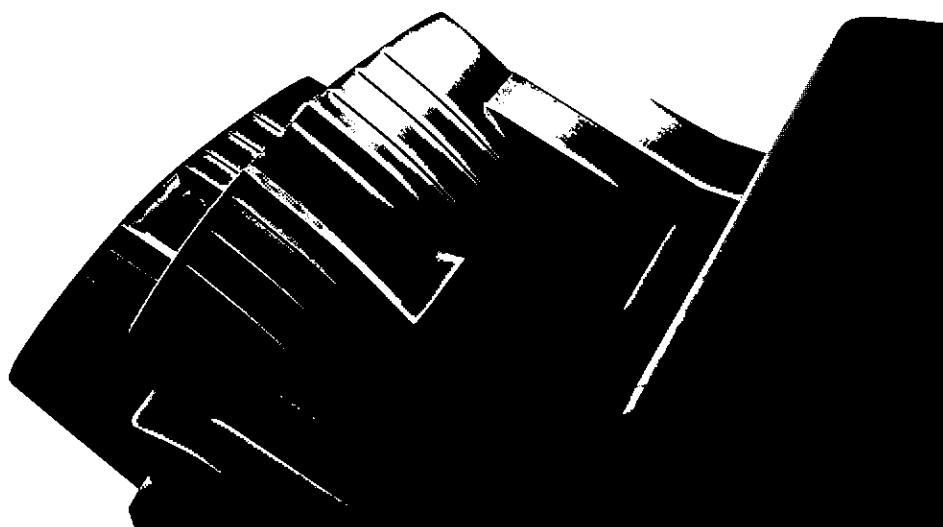
Solid Security Made Easy

By focusing on user-friendliness and user needs, Toshiba found a solution that strikes the right balance between security protection and easy operation. Count on Toshiba for solid security made easy.

Encryption comes standard
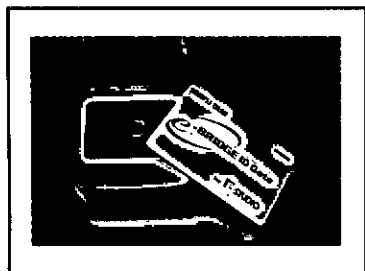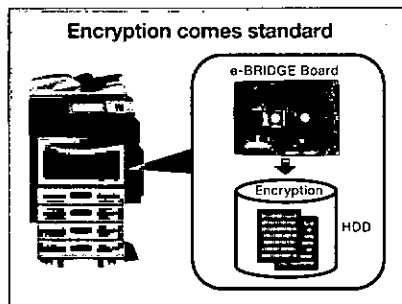
The standard AES (Advanced Encryption Standard) prevents DoS (Denial of Service) attacks.

The Private Print function enables users to print confidential documents by inputting a password (set by the user via printer driver) on the control panel.

All TCP/IP networked communications equipment (routers, PCs, etc.) are monitored and controlled by protocol.

The Hardcopy Security Printing feature helps to prevent unauthorised copying by inlaying security patterns on unauthorized copies.
Note: To activate this function, please contact your Toshiba service technician.

While the user authentication function is activated, you can command output without inputting user authentication or Private Print passwords on the MFP control panel by utilising e-Bridge ID Gate (optional), or an MFP proximity card authentication system.
Note: For a list of compatible models, please inquire at your local dealer.

Optional IPsec (Security Architecture for Internet Protocol) employs packet data encryption to prevent unauthorized Internet access.

An optional Data Overwrite enabler prevents actual data in the MFP's HDD from being stolen.

To be compliant with ISO/IEC 15408 EAL3.

Other features
• Private Print • MAC Address Filtering (10 sets) • Account Code (10,000 kinds)
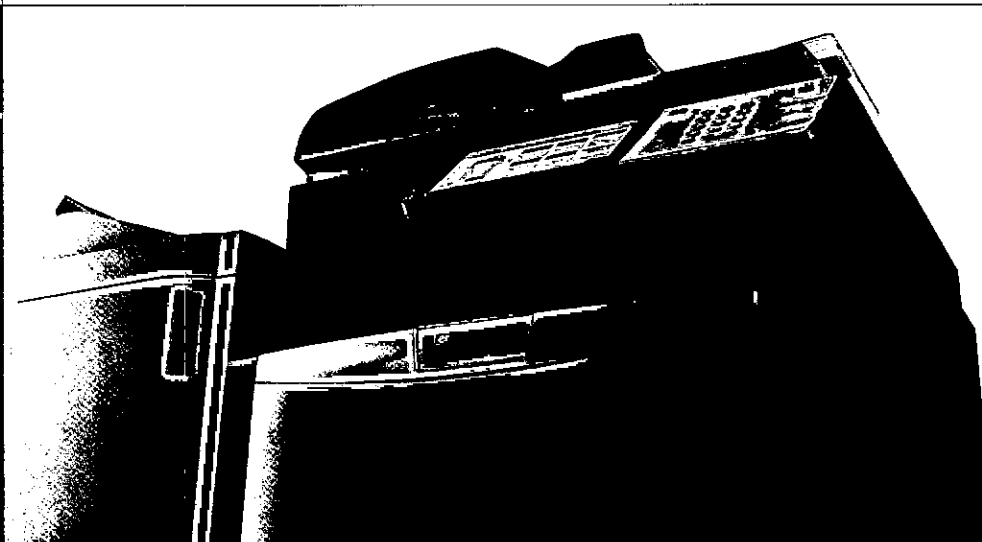
Toshiba MFPs offer compliance with strict environmental standard as well as a significant reduction in power consumption. They are friendly to both people and the environment.

To be fully compliant with the Energy Star Program, Blue Angel Mark* and RoHS.
*Does not apply to e-STUDIO4520c.

Sleep mode (with selectable preset ranging from 3 to 240 min.) for energy savings.

Based on RoHS Requirements of the European Union, this product is free from halogen.

Low-temperature fusing toner contributes to the reduction of energy consumption.

Environmental responsibility

Toshiba aims to contribute to sustainable development in two ways: by supporting environmentally friendly values and by reducing the environmental impact of its products and business practices. Toshiba strives to be eco-friendly in all activities including procurement of raw materials and components, product design, production and distribution. In line with this policy, Toshiba's environmentally friendly MFPs feature recycled materials and are highly efficient with energy and other resources.

Ready for Integration

Thanks to Toshiba MFPs open architectures, you can now rely in stress-free compatibility with the latest network technologies. Toshiba MFPs flexible networking is able to perform with other compatible external networks.

The open architecture expands connectivity and simplifies integration with existing network environments.

Integration with external solutions is smooth and easy due to the following features:

- e-Bridge Open Platform enables compatibility with external applications*.
  *For details, please inquire at your local dealer or distributor.

- The Meta Scan function allows attachment of additional information (XML data) to files when using scan to functions or file scanning. The attached data can be accessed by external workflow systems.

- DPWS protocol simplifies connection and identification of networked devices.

- The optional EFI controller supports the workflow of those using EFI applications in the Graphic Arts production environments.

- e-BRIDGE application software (e-BRIDGE Job Separator and e-BRIDGE Job Build) and system solutions (Re-Rite and e-Copy) are provided.
  Note: Availability and support of solution software may vary by region.

- Certified for Windows Vista™
  Compatible with the XPS (XML Paper Specification) document printing standard on Windows Vista, and WS Scan functions that conform to DPWS protocol. e-STUDIOs deliver highly efficient printing and scanning functions.

• **Hanging Finisher**
MJ-1031

• **Multi-staple Finisher**
MJ-1101

• **Reversing Automatic Document Feeder**
MR-3018

•**Platen Cover**
KA-3511PC

* **Work Tray**
KK-3511

* **Bridge Kit**
KN-4520

• **Stack Feed Bypass**
(Standard)

• **Standard Drawer**

• **Hole Punch Unit**
MJ-6101

• **Saddle-stitch Finisher**
MJ-1030

• **Paper Feed Pedestal**
KD-1023

• **Large Capacity Feeder**
KD-1024A4

• **Hole Punch Unit**
MJ-6004

• **Drawer Module for PFP**
MY-1032
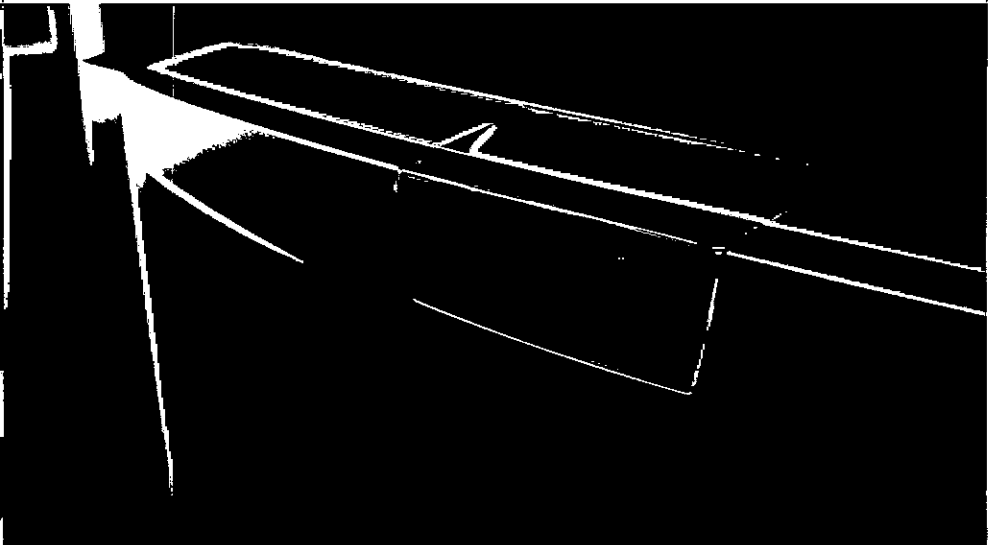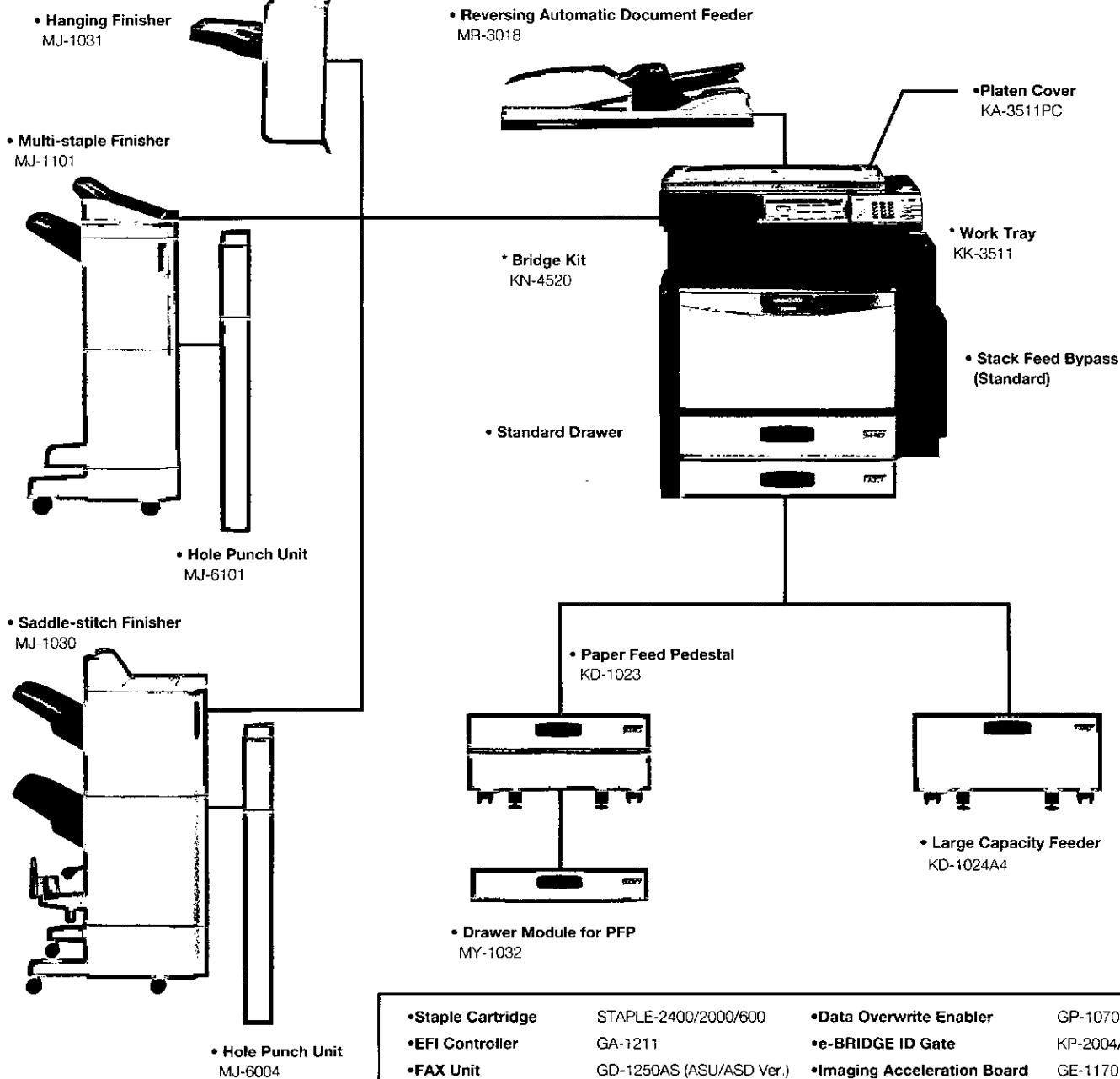
•**Staple Cartridge**	STAPLE-2400/2000/600	•**Data Overwrite Enabler**	GP-1070
•**EFI Controller**	GA-1211	•**e-BRIDGE ID Gate**	KP-2004/2005
•**FAX Unit**	GD-1250AS (ASU/ASD Ver.)	•**Imaging Acceleration Board**	GE-1170
	GD-1250NA (SAD Ver.)	•**Meta Scan Enabler**	GS-1010
•**2nd Line for FAX Unit**	GD-1260AU (ASU/ASD Ver.)	•**External Interface Enabler**	GS-1020
	GD-1260NA (SAD Ver.)	•**IPSec Enabler**	GP-1080
•**Wireless LAN Module**	GN-1050	•**Harness kit for Coin Controller**	GQ-1110
•**Bluetooth Module**	GN-2010		
•**Antenna**	GN-3010		

*Availability of Wireless LAN Module may vary by region.

Full Colour MFP line up

e-STUDIO2820c
Full colour: 28ppm B/W: 28ppm

e-STUDIO3520c
Full colour: 35ppm B/W: 35ppm

e-STUDIO4520c
Full colour: 45ppm B/W: 45ppm

e-STUDIO5520c
Full colour: 55ppm B/W: 55ppm

e-STUDIO6520c
Full colour: 65ppm B/W: 65ppm

e-STUDIO6530c
Full colour: 65ppm B/W: 75ppm

Note: Model availability varies by region.

GENERAL

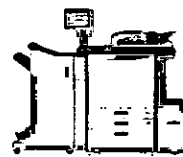|	
Type	Desktop
LCD Control Panel	8.5" WVGA (185 x 111mm) with 800x400 dots (256 shades)
Maximum original paper size	A3
Print/copy speed (A4)	Colour: 28/35/45 ppm, B&W: 28/35/45 ppm
Paper input capacity (80g/m², A4)	Standard: 550 sheets x 2 (Drawer), 100 sheets (Stack Feed Bypass)
Note: Paper input capacity depends on system configuration.	Optional: 2,500 sheets (LCF) or 550 sheets (Paper Feed Pedestal) 550 sheets (Drawer for Paper Feed Pedestal)
Paper size & weight	Drawers: A5R - A3, 64 - 256g/m²
	Stack Feed Bypass: A6R - 320 x 460mm, 64 - 280g/m²
Hard disk drive/memory	80GB+ (Shared) / Main memory: 1GB, Page Memory: 512MB
Warm-up time	Approx. 160 sec. (4520C) 89 sec. (2820C/3520C) from low-power mode
Power consumption	Max. 2.0kW (220-240V)
Dimensions (W x D x H)	699 x 774 x 759mm (W/ADU and SFB: Std.)
	*Height at original glass
Weight	Approx. 123kg

PRINTING FUNCTIONS

CPU	866MHz (Shared)
Hard disk drive	80GB (Shared)
Print engine resolution	Max. 600 x 600 dpi, 8bit
Suppoted OS	Windows 2000/XP/2003 server/Vista
	Mac OS X 10.1 or later
	UNIX (SUN Solaris 2.6, 2.7, 7.8, 8, 9, HP-UX (10.20, 11x),
	IBM AIX (4.3.3), Linux, SCO)
Interface	Standard: 10/100 Base T, USB 2.0/Hi Speed USB
	Option: IEEE802.11b/g (Wireless LAN module), Bluetooth
Network OS	Windows 2000/2003 server/Vista, Citrix MetaFrame,
	NetWare6.0/6.5 (NDPS)
Network protocols	TCP/IP (IP v4/v6), IPX/SPX, Ether Talk, NetBIOS over TCP/IP
PDL	PCL6 Emulation, PostScript3 Emulation, XPS
Major features	

•Scheduled Print Job •Private Print •Proof Print •Watermark Printing •N-up Printing
•Magazine Sort •Image Overlay •Booklet Printing •Tab Paper Printing
•Save to Box (e-filing) •Department Code (1,000 kinds) •Account Code (10,000 kinds)
•USB Direct Print

COPYING FUNCTIONS

Original size	A3 - A5R
Copy size	Drawers: A3 - A5R, Stack Feed Bypass: A6R - 320 x 460mm, BANNER: 305 x 1200mm
Resolution	Scanning: 600 x 600 dpi, 10bit (B&W, Full colour)
	Copying: 600 x 600 dpi, 8 bit (Full colour)
Original scanning speed	45 spm (A4)
First copy time	Min. 6.5/6.5/5.2 sec. (B&W),
	Min. 8.4/8.4/6.8 sec. (Full colour)
Multiple copies	1 to 999 sheets
Colour mode	Auto Colour Selection (ACS), Full Colour, Twin Colour, Mono Colour, B&W
Copy mode	Text, Text/Photo, Photo, Printed Image, Map, Image Smoothing
Note: The copy mode may not be available in any colour modes.	
Reproduction Ratio	25% to 400% (1% Increment) (Glass)
	25% to 200% (1% Increment) (Original on RADF)
Exposure control	Automatic/Manual (11 steps)
Major features	

•2 in 1/4 in 1/8 in 1(Duplex) •Rotation Copy •Alternation •Annotation •X-Y Zoom
•Triming/Masking •Magazine Sort •Job Reservation •Job Build •Book Center Erase
•Image Shift •Proof Copy •RGB Adjustment •Background Adjustment
•Twin Colour Copying •Colour Adjustment

SCANNING FUNCTIONS

Scanning speed (A4)	Colour/B&W: Up to 57 spm (300 dpi)
Scanning mode	Auto Colour Selection (ACS), Colour, Grayscale, B&W
Scan format (Colour)	B&W: TIFF-Multi/Single page, PDF-Multi/Single Page, XPS-Multi/Sigle Page
	Grayscale/Colour: JPEG, TIFF-Multi/Single page, PDF-Multi/Single Page, Slim PDF, XPS-Multi/Single Page
	ACS: TIFF-Single page, PDF-Multi/Single Page, XPS-Multi/Single Page
Scanning resolution	600/400/300/200/150/100 dpi
Major features	

•2-sided Scan •Image Rotation •Mixed Size Paper Scanning •Scan to Email
•Scan to file (SMB, FTP, IPX/SPX, Netware over TCP/IP) •Scan to e-filing •Scan to USB
•Preview •WS Scan •Omit Blank Page •Original Outside Erase

ELECTRONIC FILING FUNCTIONS

User box	200
Number of folders	100 folders per Box
Number of documents	400 documents per Box/Folder
Number of pages	200 pages per document
Input to box (Multi agent)	Copy & Box, Print & Box, Received Fax to File & Box, Received Hax to File & Box (w/o Sub No.), Received Fax to Email & Box, Received Fax to Fax/I-fax relay & Box, Received I-fax to I-fax reply & Box, Fax to Mailbox & Box, Scan to File & Box, Scan to email & Box
Box N/W access applications	TWAIN driver, File Downloader

INTERNET-FAX/NETWORK-FAX FUNCTIONS

Compatibility	T.37 (Simple Mode)
Drivers	Windows 2000/XP/Vista

NETWORK/DEVICE MANAGEMENT UTILITY

•TopAccess •TopAccess DocMon •Address Book Viewer •File Downloader
•Printer Driver Customization (PDC) Tool •e-BRIDGE Color Profiler

DISTRIBUTED BY

OPTIONS

RADF (Reversing Automatic Document Feeder) MR-3018

Original capacity (80g/m²)	100 sheets (A3, A4) (up to 1,000 pages in continue mode)
Original setting	Face-up
Available original size & weight	A3 - A5R, 35-157g/m² (single sided), 50-157g/m² (double sided)
Dimensions (W x D x H) & Weight	600 x 523 x 135mm, Approx. 12.5kg

Finisher MJ-1031

Speed (A4)	Non-sort/Group/Sort/Staple
	B&W: 28/35/45 ppm, Colour: 28/35/45 ppm
Capacity (80g/m²)	Approx. 1,000 sheets (A4, B5, A5R)
	Approx. 500 sheets (A4R, B4, A3, B5R)
Staple (80g/m²)	Approx. 30 sets, 130mm or 1,000 sheets (A4, B5),
	Approx. 30 sets, 65mm or 500 sheets (A4R, B4, A3, FOLIO)
Dimensions (W x D x H) & Weight	411 x 594.5 x 383mm, Approx. 12kg

Finisher MJ-1101

Speed (A4)	Non-sort/Group/Sort/Single staple/Hole punch
	B&W: 28/35/45 ppm, Colour: 28/35/45 ppm
Capacity (80g/m²)	Stationary Tray: Approx. 250 sheets (A4, B5, A5R)
	Approx. 125 sheets (A4R, B4, A3, B5R, FOLIO)
	Finising Tray: Approx. 2,000 sheets (A4, B5, A5R)
	Approx. 1,000 sheets (A4R, B4, A3, B5R, FOLIO)
Staple (80g/m²)	Finising Tray: Approx. 50 sets (A4, B5)
	Approx. 30 sets (A4R, B4, A3, FOLIO)
Dimensions (W x D x H) & Weight	535 x 598 x 1,092mm, Approx. 34kg

Finisher MJ-1030

Speed (A4)	Non-sort/Group/Sort/Single staple/Hole punch
	B&W: 28/35/45 ppm, Colour: 28/35/45 ppm
Capacity (80g/m²)	1st bin: Approx. 1,000 sheets (A4, B5, A5R)
	Approx. 500 sheets (A4R, B4, A3, B5R, FOLIO)
	2nd bin: Approx. 1,000 sheets (A4, B5, A5-R)
	Approx. 500 sheets (A4R, B4, A3, B5R, FOLIO)
Staple	1st bin: Approx. 30 sets, 147mm or 1,000 sheets (A4/B5, 80g/m²)
	Approx. 30 sets, 73.5 mm or 500 sheets (A4R/B4/A3/FOLIO, 80g/m²)
	2nd bin: Approx. 30 sets, 147mm or 1,000 sheets (A4/B5, 80g/m²)
	Approx. 30 sets, 73.5 mm or 500 sheets (A4R/B4/A3/FOLIO, 80g/m²)
Dimensions (W x D x H) & Weight	649 x 657 x 1086mm, Approx. 70kg

Hole Punch Unit MJ-6101 (for the MJ-1101 Finisher)

Dimensions (W x D x H) & Weight	112 x 573 x 323mm, Approx. 7.0kg

Hole Punch Unit MJ-6004 (for the MJ-1030 Finisher)

Dimensions (W x D x H) & Weight	112 x 617 x 378mm, Approx. 9.0kg

Bridge Kit Prerequisite for instration of Finisher KN-4520

Staple STAPLE-2000, STAPLE-2400, STAPLE-600

Paper Feed Pedestal KD-1023

Paper supply (80g/m²)	Approx. 550 sheets
Paper size & weight	A3 — A5R (64 — 256 g/m²)
Dimensions (W x D x H) & Weight	623 x 642.3 x 320mm, Approx. 21.3kg

Drawer Module MY-1032

Paper supply (80g/m²)	Approx. 550 sheets
Paper size & weight	A3 — A5R (64 — 256 g/m²)
Dimensions (W x D x H) & Weight	526 x 553.5 x 107mm, Approx. 3.7kg

Large Capacity Feeder KD-1024A4

Paper supply (80g/m²)	Approx. 2,500 sheets
Paper size	A4 (64 — 105 g/m²)
Dimensions (W x D x H) & Weight	623 x 642.3 x 307.5mm, Approx. 26.7kg

EFI Controller GA-1211

FAX Unit GD-1250NA (SAD Ver.)

Compatibility	Super G3, G3
Number of lines	1 line (2nd line is optional)
Modem speed	Max. 33.6k bps
Data compression method	JBIG, MMR, MR, MH
Communication protocols	ITU-T T.30
Transmission speed	Approx. 3 sec. per page
Scanning mode	Text, Text/Photo, Photo, B&W only
Gray scale	256 steps

•FAX Unit GD-1250AS (ASU/ASD Ver.) 2nd Line for FAX Unit GD-1260NA (SAD Ver.)
/GD-1260AU (ASU/ASD Ver.)•Wireless LAN Module GN-1050•Antenna GN-3010
•Harness Kit For Coin Controller GQ-1110•Data Overwrite Enabler GP-1070
•Imaging Acceleration Board GE-1170 •e-BRIDGE ID Gate KP-2004 for HID/KP-2005
for MIFARE•Meta Scan Enabler GS-1010 •IPSec Enabler GP-1080 •External Interface
Enabler GS-1020•e-BRIDGE Job Separator •e-BRIDGE Job Build •Bluetooth Module GN-2010

Platen Cover KA-3511PC

Dimensions (W x D x H) & Weight	546 x 489 x 44.4mm, Approx. 1.6kg

Work Tray KK-3511

Dimensions (W x D x H) & Weight	282 x 471 x 108.2mm, Approx. 1.1kg

ISO 9001 and ISO 14001 Certifications

These highly acclaimed certifications are recognised worldwide as measures of top quality and environmental management excellence. They are awarded to manufacturers for facilities and Practices meeting strict standards set by the Geneva based International Standardization Organization. To date, four copier sales affiliates and all Toshiba TEC manufacturing facilities where copiers, accessories, supplies and parts are produced have received ISO 9001 certification, while four copier sales affiliate and all Toshiba TEC manufacturing facilities have received ISO 14001 certification — even more reasons to count on Toshiba.

TOSHIBA

R080211F5600-TTEC

TOSHIBA
Leading Innovation >>>

e-STUDIO255 e-STUDIO305 e-STUDIO355 e-STUDIO455

External Pre-Launch Guide
Version 2.0

Cecilia Ngooi
Product Marketing Team
Toshiba Singapore Pte Ltd
Date: March 09, 2009

1.5.2 e-STUDIO 355 / 455

e·STUDIO355 Options Configuration Chart
e·STUDIO455 (ASD & SAD Version)

RADF
MR-3022
NEW

Platen Cover
KA-1640PC
eS 237 Series

Hanging Finisher
MJ-1031
eS 4520C Series

Job Separator
MJ-5006
NEW

Work Tray
KK-4550
NEW

Bridge Kit
KN-2520
NEW

INNER TRAY WITH OFFSET FUNCTION

ADU

Accessible Arm
KK-2550
NEW

MAIN UNIT

Saddle-Stitch Finisher
MJ-1024

Hole Punch Unit
MJ-6004
eS 451C, 452 Series

Paper Feed Pedestal
KD-1025
NEW

Large Capacity Feeder
KD-1026
NEW

Desk
MH-1910
NEW

Drawer Module
MY-1033
NEW

Multi-Staple Finisher
MJ-1101

Hole Punch Unit
MJ-6101
eS 4520C, 3510C, 452 Series

PAPER SUPPLY: Standard: 1,200 sheets
Maximum: 3,200 sheets

SUPPLIES: Drum (OD-4530) Developer (D-4530) Toner (PS-ZT4530D)
eS 282 Series   NEW   NEW
120K / 150K   120K / 150K   30K

e-STUDIO 455 Series Options Configuration Chart - v2.0 (March 2009)

PRINTER ENABLER
GM-1160
(NEW) USB Dongle

SCANNER ENABLER
GM-4160·
(NEW) USB Dongle

PRINTER / SCANNER ENABLER
GM-2160
(NEW) USB Dongle

FAX KIT   **2nd LINE**
GD-1250 ASD / SAD   GD-1260 ASD / SAD
(eS 4520C, 6530C, 855 Series for both)

WIRELESS LAN   **ANTENNA**
GN-1050   GN-3010
(eS 282, 452, 855 Series for both)

DATA OVERWRITE ENABLER
GP-1070
(eS 4520C, 6530C, 855 Series) (One-time Dongle)

META SCAN ENABLER
GS-1010
(eS 4520C, 6530C, 855 Series) (One-time Dongle)

EXTERNAL INTERFACE ENABLER
GS-1020
(eS 4520C, 6530C, 855 Series) (One-time Dongle)

IPSEC ENABLER
GP-1080
(eS 4520C, 6530C, 855 Series) (One-time Dongle)

HARNESS KIT COIN CONTROLLER
GQ-1180
(NEW)

HID / MIFARE CARD READER
KP-2004 / KP-2005·
(eS 4520C, 282, 452 Series)

1.5   MACHINES' OPTIONS CONFIGURATION

1.5.1   e-STUDIO 255 / 305

e-STUDIO255 Options Configuration Chart
e-STUDIO305 (ASD & SAD Version)

PRINTER ENABLER
GM-1150
(NEW) USB Dongle

SCANNER ENABLER
GM-4150
(NEW) USB Dongle

PRINTER / SCANNER ENABLER
GM-2150
(NEW) USB Dongle

FAX KIT   **2nd LINE**
GD-1250 ASD / SAD   GD-1260 ASD / SAD
(eS 4520C, 6530C, 855 Series for both)

WIRELESS LAN   **ANTENNA**
GN-1050   GN-3010
(eS 282, 452, 855 Series for both)

DATA OVERWRITE ENABLER
GP-1070
(eS 4520C, 6530C, 855 Series) (One-time Dongle)

META SCAN ENABLER
GS-1010
(eS 4520C, 6530C, 855 Series) (One-time Dongle)

EXTERNAL INTERFACE ENABLER
GS-1020
(eS 4520C, 6530C, 855 Series) (One-time Dongle)

IPSEC ENABLER
GP-1080
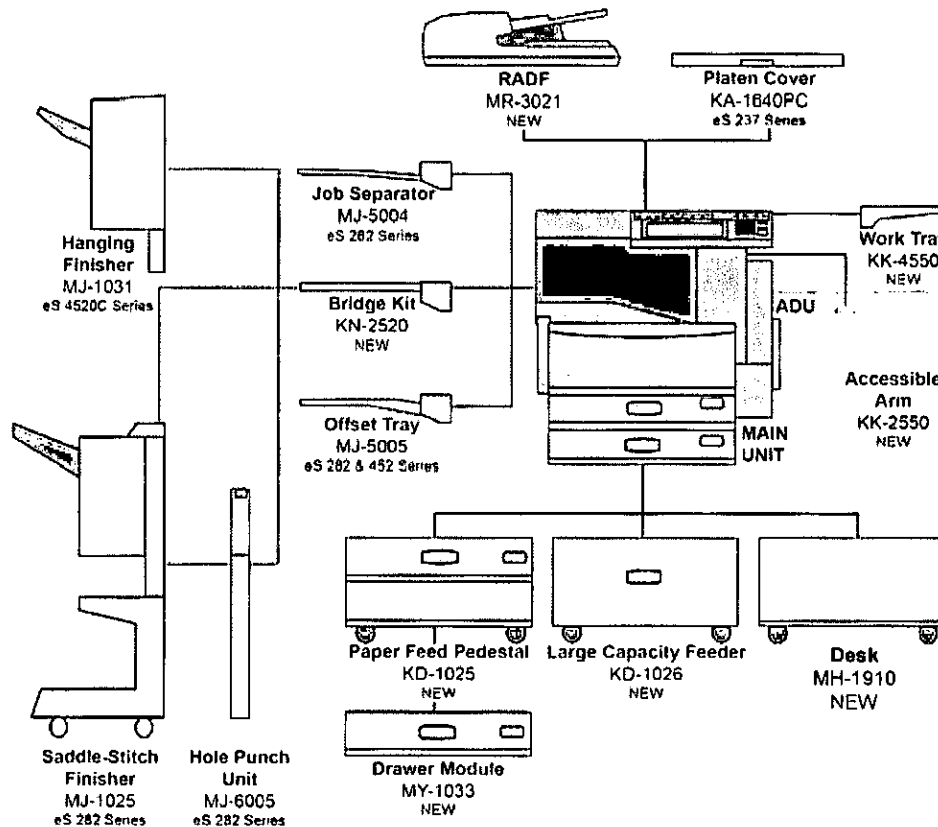(eS 4520C, 6530C, 855 Series) (One-time Dongle)

HARNESS KIT COIN CONTROLLER
GQ-1180
(NEW)

HID / MIFARE CARD READER
KP-2004 / KP-2005
(eS 4520C, 282, 452 Series)

Diagram labels:

RADF MR-3021 NEW

Platen Cover KA-1640PC eS 237 Series

Job Separator MJ-5004 eS 282 Series

Work Tray KK-4550 NEW

Hanging Finisher MJ-1031 eS 4520C Series

Bridge Kit KN-2520 NEW

ADU

Accessible Arm KK-2550 NEW

Offset Tray MJ-5005 eS 282 & 452 Series

MAIN UNIT

Paper Feed Pedestal KD-1025 NEW

Large Capacity Feeder KD-1026 NEW

Desk MH-1910 NEW

Saddle-Stitch Finisher MJ-1025 eS 282 Series

Hole Punch Unit MJ-6005 eS 282 Series

Drawer Module MY-1033 NEW

PAPER SUPPLY: Standard: 1,200 sheets
Maximum: 3,200 sheets

SUPPLIES: Drum (OD-4530)   Developer (D-4530)   Toner (PS-ZT4530D)
eS 282 Series   NEW   NEW
100K / 120K   100K / 120K   30K

e-STUDIO 455 Series Options Configuration Chart - v2.0 (March 2009)

TOSHIBA

(e-STUDIO
(e-STUDIO

The all-in-one solution for all your office needs.

e-STUDIO282

A4

A3
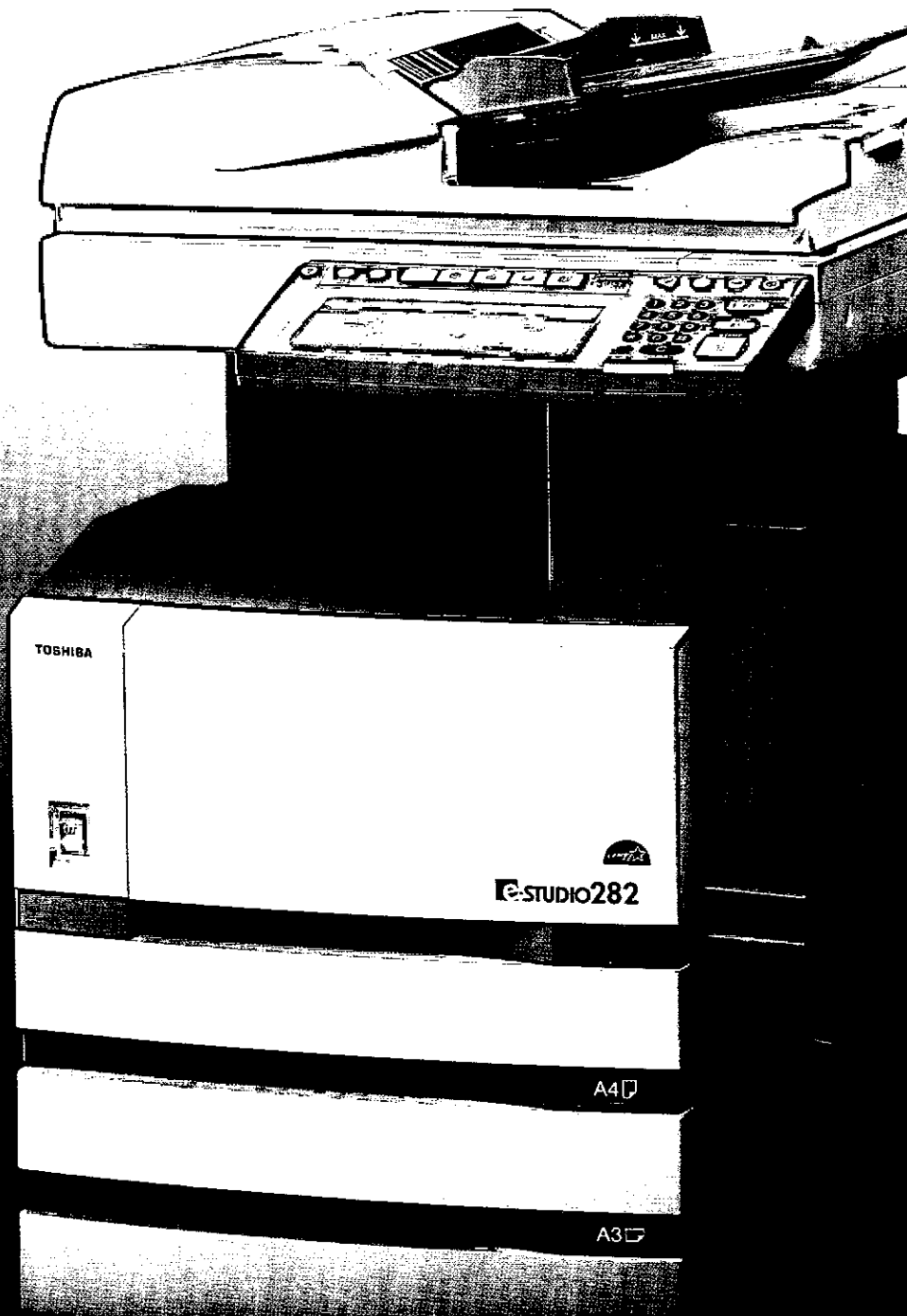
☑ MFP

☑ 23/28PPM

☑ Black and White

A high-performance MFP satisfying wide-ranging business needs while delivering heightened security.

e·STUDIO232
e·STUDIO282
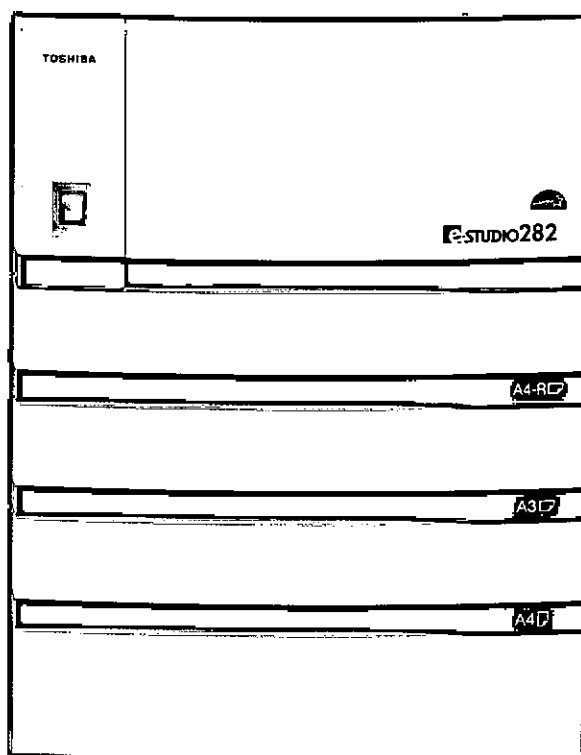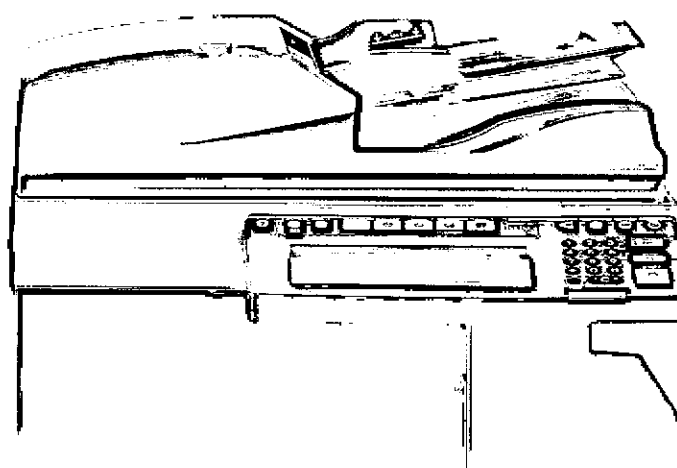
Incorporating the 2nd generation e-BRIDGE Controller, the high-performance e-STUDIO232/282 has been developed to satisfy today's elevated office demands with diverse networking versatility, enhanced image quality, tightened security measures and extreme user friendliness. What's more, it confers the advantage of minimum TCO (Total Cost of Ownership) through extended toner life and various improvements that streamline office workflow.

2nd generation e-BRIDGE

The 2nd generation Toshiba's e-BRIDGE technology takes MFP performance to a satisfying new level. Supporting more efficient performance, it accelerates the workflow of the entire network. Enabling tighter security, it provides administrators with effective management, password assurance and the ability to restrict access by department or even individual. Streaming access to a range of functions and offering compatibility with your existing systems.
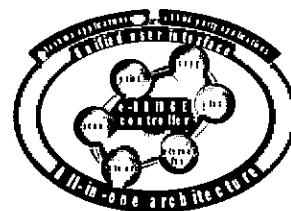
Higher performance for new productivity.

Swift 23/28ppm performance and finishing options

compatible with PCL6/PostScript 3/XPS

PC PC PC

23/28 PPM

Large volume print   Duplex print

N-up print

Staple

Saddle stitch   Hole punch
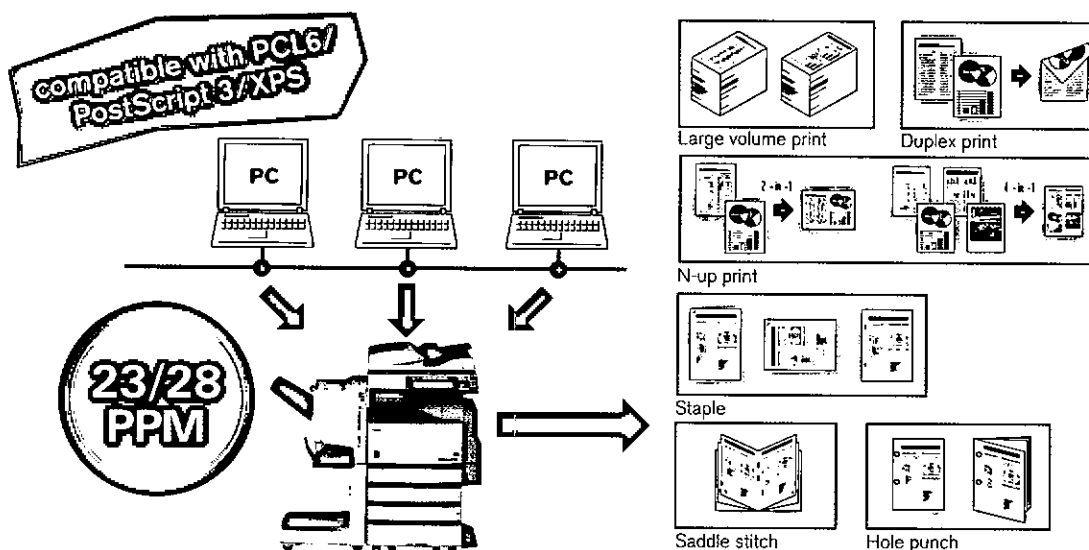
Simple insertion of the optional Printer or Printer/Scanner kit are all it takes to upgrade the e-STUDIO232/282 to handle printing. Furthermore, Private Print allows users to print out confidential documents.
Once the jobs is sent to the hard disk of the e-STUDIO232/282, the user simply enters his or her password on the Touch Panel Display to gain access.
Simply convenient is the Proof Print function, which allows users to print out just a single copy of a multiple page document for checking purposes prior to volume production.

◘ Enhanced Print for optimal print quality
Toshiba's proprietary filter processes every pixel of an image to ensure accurate contrast, smooth gradations. What's more, the e-STUDIO232/282 employs Toshiba's edge processing technology, which ensures edges are clear and smooth for both copied and printed text and graphics.

◘ Job separator
An optional Job separator allows output to be easily distinguished by placement in different areas. Creating two "bins" in the Inner Exit Tray area, it allows fax jobs to be fed into the upper space, for example, while print and copy jobs are automatically directed to the one below.

◘ Offset tray
An optional Offset tray allows simple sorting in minimal space, by "staggering" an output job for instant recognition.

◘ Two optional finishers
Because each office have unique demand, Toshiba offers a choice of two optional finishers, each of which has stapling and sorting capability. Simply select the one that best suits your business from a hanging type finisher to a console finisher. The console finisher also allows multi-position stapling and saddle-stitching.
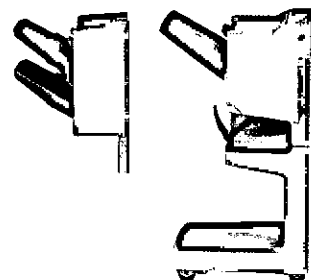
◘ Hole punch unit
A console finisher offers an additional advantage of having Hole Punch capability. This option allows you to punch sets of documents for easy binding.

The power of 50spm high-speed scanning.

Scanning advantages
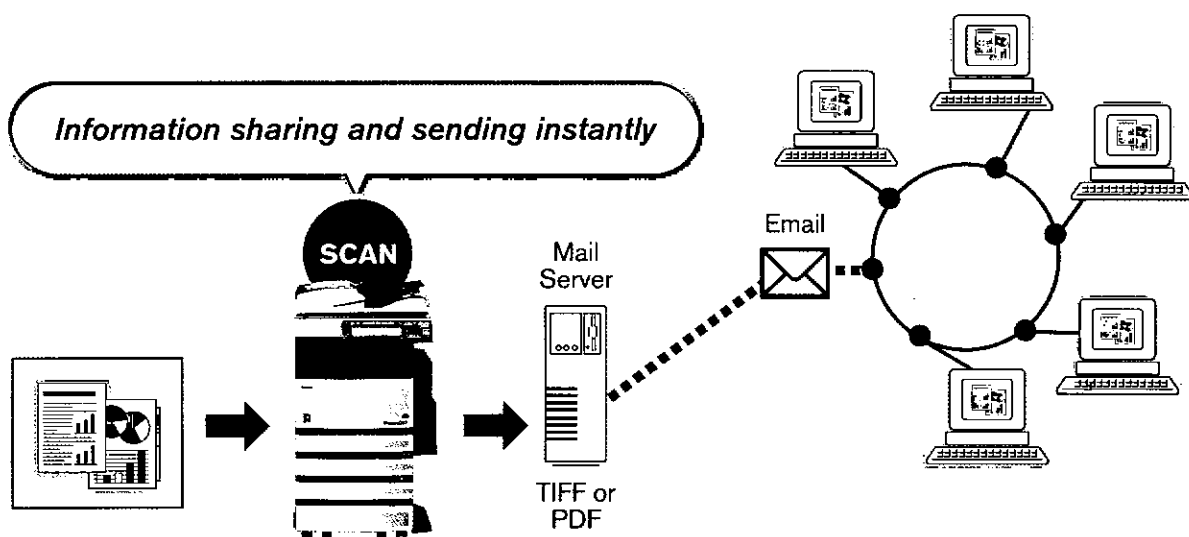
Information sharing and sending instantly

SCAN

Mail Server

Email

TIFF or PDF

Optional scanning capability makes it easy to convert paper documents into electronic files without the need for separate applications —— making them easier to manage, simple to share with others, and open to editing or combination with other documents. The e-STUDIO232/282 brings you all of these benefits at an impressive scanning speed of 50* sheets per minute. It also speeds communication further with Scan to Email, a template function that eliminates the need to enter Email addresses each time, and an optional Reversing Automatic Document Feeder (RADF) that supports continuous scanning of double-sided originals.

* When scanning single-sided A4 size originals at resolutions of up to 400dpi.

■ Scan to file
This handy function allows pages to be scanned in either TIFF or PDF formats then sent automatically to a file server or client PC for easier access.

■ Scan to e-Filing
Scan to e-Filing allows data to be stored in the Hard Disk Drive (HDD) of the e-STUDIO232/282 for output to print at any time in the future. This stored information can be merged with ease and even combined with data from different sources.

■ Scan to Email
Scan to Email allows paper documents to be digitised in either TIFF or PDF formats, attached to Email, and be swiftly sent in one smooth operation.

Rich "Scan to" functions!

Scan to e-Filing

HDD
(e-Filing box)

TWAIN or File Downloader

Scan to file

Client PC

Client PC

File server

Client PC

Client PC
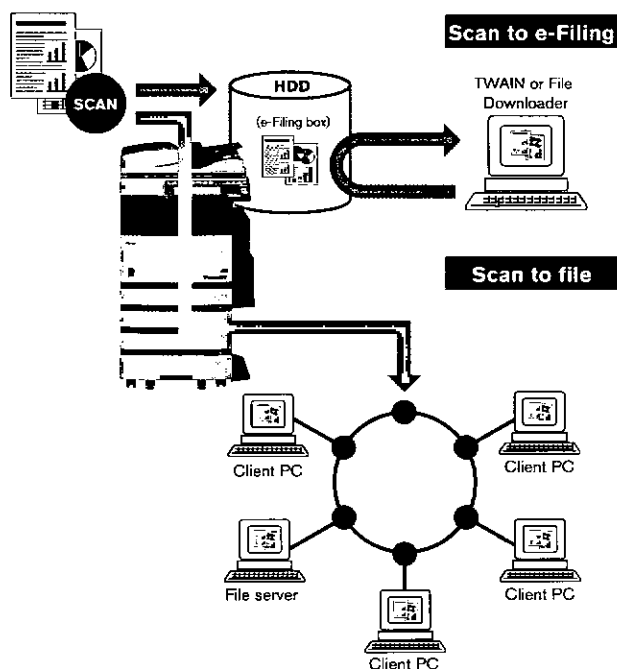
Just select a template and let the e-STUDIO232/282 do the rest.

Time-saving Template function

Template

Just four steps to complete a job

Start
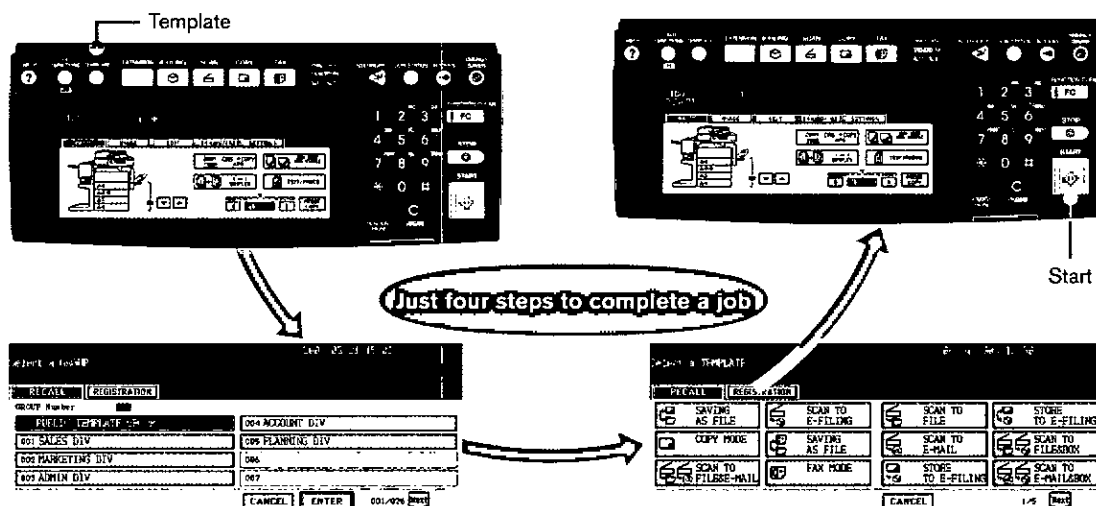
Exceptional time-saving convenience comes in the form of the handy, highly versatile Template function, which allows frequently used settings to be saved to increase efficiency during scanning, copying, faxing and use of the e-filing function. This useful function allows extremely easy template registrations of even the most complex combinations of settings, making them available for future jobs with just a single touch. Thanks to its standard HDD, the e-STUDIO232/282 allows up to 12,060 templates to be registered in an easy-to-understand layer format – that's 60 templates for 200 individual users plus another 60 for public use. These can be created via the control panel. And for further control, the function also provides the user with the ability to preset elements such as resolution, recipient address, and finishing options too.

◘ TopAccess

This innovative function adds browser-based convenience to job and device management. It allows control to be taken from any PC in the network and even supports the creation and modification of templates and address book management.
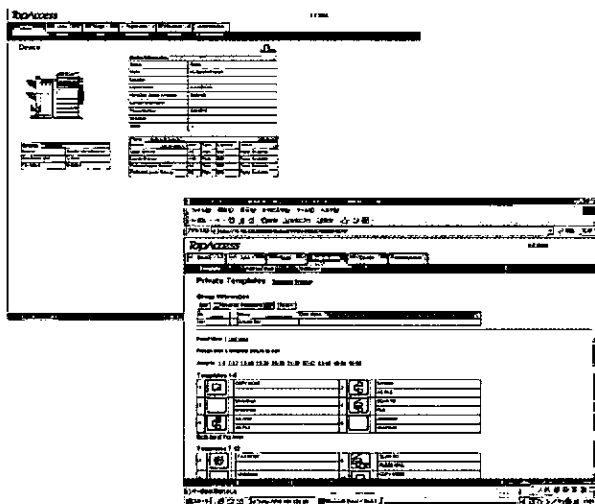
◘ TopAccessDocMon

TopAccessDocMon empowers every member of the network with integrated control over jobs and devices. It also serves to reduce downtime by sending pop-up alerts to PCs when the e-STUDIO232/282 requires attention, or when paper needs to be replenished.

Various options are available to suit your requirements.

•**RADF** MR-3020

•**Antenna for Wireless LAN**
GN-3010

•**Platen Cover** —
KA-3511PC

•**Job Separator**
MJ-5004

•**Offset Tray**
MJ-5005

•**Finisher**
MJ-1022

Slot Cover
KE-2330

•**Finisher** MJ-1025
•**Hole Punch Unit** MJ-6005

•**Large Capacity Feeder**
KD-1012

•**Paper Feed Pedestal**
KD-1011

•**Drawer Module**
MY-1021 (for KD-1011)
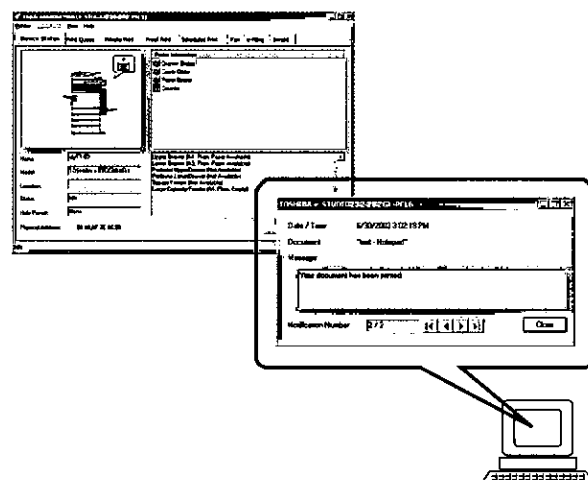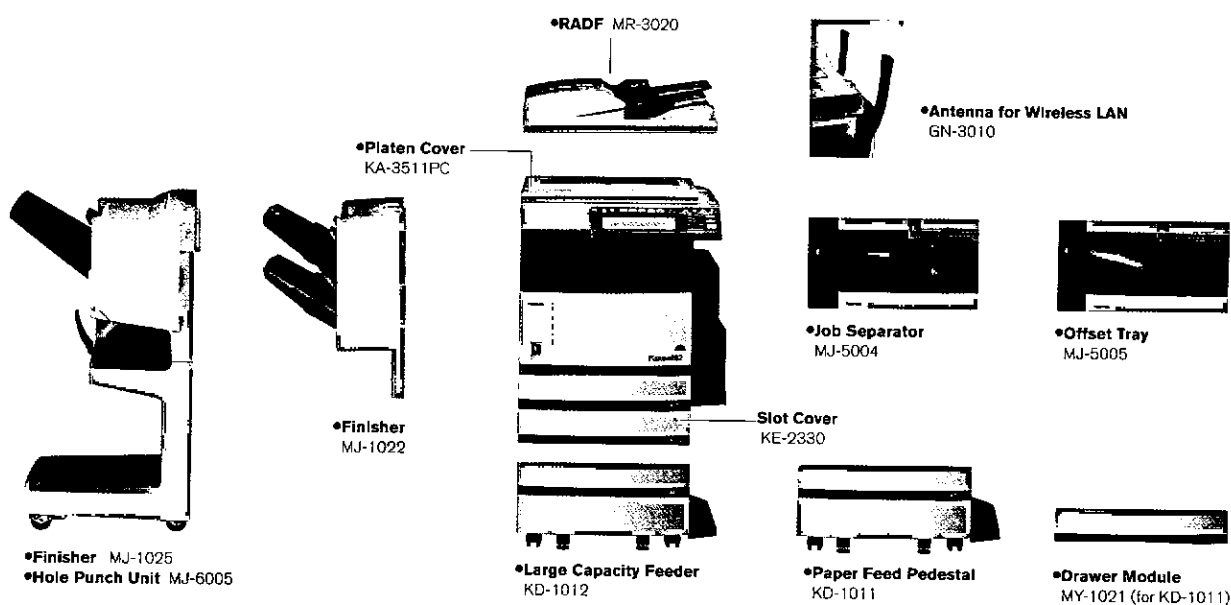
ADU MD-0102

Fax Board GD-1150

Work Tray KK-3511

Fax 2nd Line Board GD-1160

Scrambler Board GP-1040

PCI Slot GO-1060

Wireless LAN Module GN-1041

Bridge Kit KN-3520

Harness Kit for Coin Controller GO-1020

•**Data Overwrite Kit** GP-1060

•**Printer Kit** GM-1070

•**Printer/Scanner Kit** GM-2070

•**Scanner Kit** GM-4070

Toshiba: Benefiting your business, caring for the environment.

By choosing Toshiba technology, you actively contribute to Toshiba's efforts for environmental protection by making use of products that impart minimum ecological impact. The e-STUDIO232/282 are excellent examples of Toshiba's efforts for environmental protection —— complying with the "ENERGY STAR" energy-saving requirements of the U. S. Environmental Protection Agency (EPA) and the RoHS (Restriction of Hazardous Substances) requirements of the European Union for 2006.

At Toshiba, such environmental awareness also extends to production facilities too. Indeed Toshiba is proud that four copier sales affiliates and all Toshiba TEC manufacturing facilities have been awarded ISO 14001 certification —— the internationally recognized standard for environment management systems that minimize the ecological impact of business activities.

Further features for extended performance.

Security

Copy originals — **System Board** — **①** Writing copy image

Copy outputs

HDD

② Reading copy image

③ Overwrite/erase
Writing "0" data, "1" data
and random data

- SMTP authenticaion
- LDAP authentication with Kerberos
- Active Directory with NTLM/Kerberos
- Role Based Access Control
- Private Print
- Optional Scrambler Board
- Optional Data Overwrite kit
- Wi-Fi authentication (WPA2) with
  Optional Wireless LAN antenna

Print data
Scan data

Copy Originals
Scan Originals

Print outputs
Copy outputs

System Board

Decryption

Encryption

Scrambler Board

High securiy makes risk lower

HDD

Encrypted data

MFP

Equipped with a diverse range of security measures, the e-STUDIO232/282 strictly controls access to confidential office information and helps guard against the dangers of data leakage.

◻ Optional wireless LAN compatibility

With IEEE802.11g/IEEE802.11b capability, the
e-STUDIO232/282 offer the option of built-in wireless LAN
performance — enabling a swift 54Mbps (max.) connection
for your network.

◻ Easy expansion of network capabilities

The optional expansion kits* for the e-STUDIO232/282 come
in the form of compact plug-and-play "keys". Simply insert the
"key" of your choice into one of the e-STUDIO's two USB
sockets and new capabilities are unleashed. No installation,
no hassle; just further functionality.

*Optional expansion kits include a Printer kit, Scanner kit and a Printer/Scanner kit.
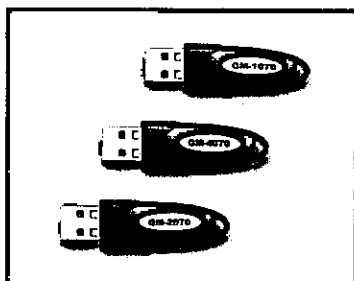
◻ Printer Driver

The e-STUDIO232/282 incorporates an easy-to-use Toshiba
graphics-based print driver that makes use of common driver
technology. Allowing easy operation via simple-to-understand
menus and making all functions available from each and every
PC in the network.
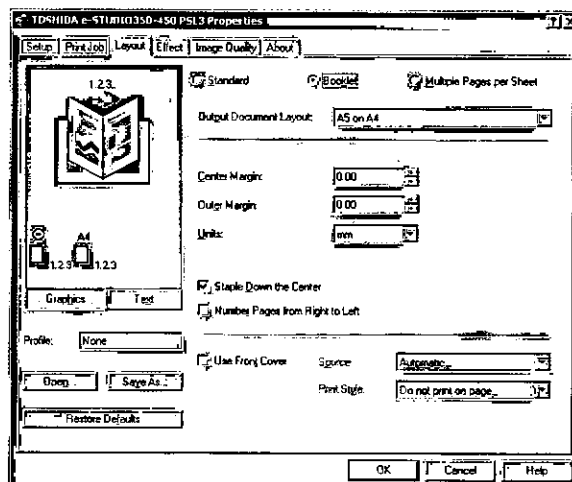
■ Job Build function

The extremely handy Job Build function makes it possible to scan multiple copy jobs and then copy them all as one. Functions that are particularly handy when originals exist in both single-sided and duplex format or when image modes need to be altered from one original to another, You'll be surprised at the acceleration they bring to your everyday operations.

■ Address book

The e-STUDIO232/282 also offers a user-friendly address book function, which speeds up and simplifies the input of fax numbers and Email addresses. Both a fax number and an Email/Internet fax address can be stored as a single entry for each party, and usage really couldn't be simpler — supporting access from the control panel or through the Web-based TopAccess utility.

■ LDAP search/import

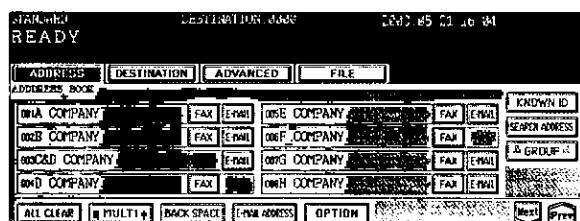The Lightweight Directory Access Protocol (LDAP) search/import function allows you to access your mail server's address book in a seamless manner, eliminating the need to enter addresses each and every time you send Email. Such capability is of particular use when using features such as Scan to Email and Internet Fax.

■ Rapid 23/28cpm/ppm performance

■ 45spm (scans per minute) while copying

■ Swift warm-up time of approx. 25 sec.

■ Fast first copy delivery in just 5.4 sec.

■ High-quality copying

- Text, Text/photo, and Photo modes ensure optimum results
- 600 x 600dpi delivers high-clarity scanning resolution in all modes

■ 2400 dpi x 600 dpi for sharp print outs

■ Large, user-friendly, tilting control panel

- 1/2 VGA LCD touch screen
- Easy-to-see icons
- Tilt function enhances visibility in various angles
- Full QWERTY keyboard for easy input and operation
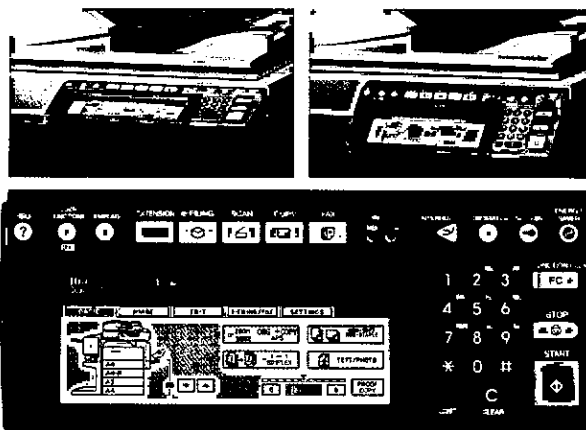
■ Ample paper handling capacity

- One 550-sheet drawer and a 100-sheet Stack Feed Bypass (SFB)
- Optional 5-way paper supply with 2,300-sheet capacity (4 drawers + 1 bypass)
- Optional 4-way paper supply with 3,700-sheet capacity (2,500-sheet Large Capacity Feeder + 2 drawers + 1 bypass)
- Drawers accept up to 105g/m² of paper; bypass accepts up to 209g/m²

■ Thick paper and envelope printing/copying

■ Space-saving dimensions

■ Advanced toner recycling technology

■ TOSHIBA original supplies

It is recommended that only supplies made or designated by TOSHIBA be used for this machine in order to get optimum results.

GENERAL

Type	Desktop
Printing/Copying process	Indirect electrostatic photographic method
Original scanning method	CCD line sensor
Paper input capacity (80g/m², A4)	Standard: 550 sheets x 1 (Drawer), 100 sheets (Bypass) Optional: 550 sheets x 1 (Drawer), 550 sheets x1 (Paper Feed Pedestal), 550 sheets x1 (Optional drawer for Paper Feed Pedestal), 2,500 sheets (Large Capacity Feeder)
Paper size	Standard: A3-A5R (Drawer), A3-A5R (Bypass), A3-A5R (Duplex)
Paper weight	Standard: 64-105g/m² (Drawer), 64-209g/m² (Bypass), 64-105g/m² (Duplex)
ADU (Automatic Duplexing Unit)	Optional
Processor	PowerPC/333MHz: Shared
Memory	Main Memory: 256MB: Shared/Page Memory: 32MB: Shared
Hard disk drive	40GB+: Shared
Warm-up time	Approx. 25 seconds
Power consumption	Max. 1.5kW (220-240V)
Dimensions (W x D x H) & weight	637mm x 719mm x 739mm, Approx. 76.6kg

PRINTING FUNCTIONS (Option)

Print engine resolution	2,400dpi x 600dpi (with smoothing)
Printing speed	23/28ppm (A4)
Drivers	Windows® 98/Me/2000/XP/Server2003 (32 bit), Windows® NT 4.0, Macintosh® 8.6, 9.x, X ver 10.1/10.2/10.3/10.4 or higher (PPD),UNIX (HP-UX, Sun Solaris 2.6, 2.7, 7.8, 8, 9, IBM AIX, SCO), Linux, CUPS
Interface	10/100BaseT, Full-speed USB, Optional IEEE802.11b/g (WiFi)
Network OS	NetWare 4.x, 5.x, 6.x, Windows ME/ 2000/XP, Windows NT 4.0, Windows Server 2003, Vista, Citrix, Metaframe, Macintosh, Linux, UNIX
Protocols	TCP/IP, IPX/SPX, EtherTalk, IPP, SNMP, HTTP, NetBIOS over TCP/IP, LPR/LPD, SMB, Netware, Port 9100
PDL	PCL6®, PostScript® 3™, XPS
Major features	•Proof Print •Private Print •Scheduled Print •Duplex Printing •Watermark Printing •N-up Printing •Mixed-size Printing •Magazine Sort •Image Overlay •Front/Back Cover Insertion •Page Insertion •Save to Box (e-filing) •Department Codes Control

COPYING FUNCTIONS

Acceptable originals	Sheet, book, three dimensional objects
Original size	A3-A5R
Copy size	A3-A5R
Resolution	Scanning: 600dpi x 600dpi Printing: 600dpi x 600dpi (with smoothing: 2,400dpi x 600dpi)
Gradation	256 steps
Copying speed	23/28cpm (A4)
Original scanning speed	45/45spm (A4)
First copy time	5.4 seconds
Multiple copying	Up to 999 copies
Copy mode	Text, Text/Photo (Default), Photo, Custom mode
Reproduction ratio	Zoom: 25-400% in 1% increments (Platen), 25-200% in 1% increments (RADF)
Exposure control	Automatic/Manual (11 steps)
Copy density control	Automatic toner density method
Major features	•Energy Saver •Trimming/Masking •Department Code (1,000 kinds) •Cover Sheet •Sheet Insertion •X-Y Zoom •Proof Copy •Magazine Sort •Alternation •2-in-1, 4-in-1, 8-in-1 •Annotation (Date/Time Print) •Job Reservation •Rotation Copy •Thick Paper mode

SCAN FUNCTIONS (Option)

Scanning speed	50spm (A4, 400dpi)
Scanning resolution	600, 400, 300, 200, 150dpi
Major features	•2-sided Scan •Image Rotation •Mixed Size Paper scanning •Scan to Email •Scan to file (SMB, FTP) •Scan to e-filing

ELECTRONIC FILING FUNCTIONS

Number of boxes	Public Box:1, User Box: 200
Number of folders	100 folders per Box
Number of documents	400 documents per Box/Folder
Number of pages	1,000 pages per document
Capacity of HDD	5GB
Input to box	Copy to Box, Print to Box, Received Fax to Box, Received Internet-Fax to Box and Scan to Box (depending on installed options)
Box N/W access applications	TWAIN Driver, File Downloader

INTERNET-FAX FUNCTIONS (Option)

Connectivity supported	T.37 (Simple Mode / Direct SMTP Mode)
Format of sent attachments	Tiff-S/ Tiff-F
Scanning original document size	A3-A5R (A3 & B4: Image will be reduced to A4 size and transmitted.)
TX resolution	200dpi
Major features	•On Ramp Gateway (Through the MailBox) •Off Ramp Gateway •Telephone Book (1,000 destinations)

NETWORK FAX FUNCTION (Option)

Compatibility	Internet-Fax, Super G3, G3
Drivers	Windows® 98/Me/2000/XP, Windows® NT 4.0/ Windows Server 2003 (32/64 bit) / Windows Vista (32bit)

NETWORK/DEVICE MANAGEMENT UTILITY

•TopAccess™ •TopAccessDocMon

OPTIONS

Printer Kit GM-1070

Printer/Scanner Kit GM-2070

Scanner Kit GM-4070

Fax Board GD-1150

Usable circuits	Public Switched Telephone Network (PSTN)
Communication mode	Super G3, G3
Number of lines	1 line (2nd line optional)
Modem speed	Max. 33.6 kbps
Data compression	JBIG, MMR, MR, MH
Transmission speed	Approx. 3 seconds per page
Transmission resolution	Direct/Memory transmission: 8 x 3.85 line/mm, 8 x 7.7 line/mm, 8 x 15.4 line/mm, 16 x 15.4 line/mm
Reception resolution	8 x 3.85 line/mm, 8 x 7.7 line/mm, 8 x 15.4 line/mm, 16 x 15.4 line/mm
Print resolution	24 x 23.1 line/mm, 23.1 x 24 line/mm
Scanning mode	Text, Photo/Text, Photo
Grey scale	256 levels (Error diffusion)
Printing speed	23/28ppm (A4)
Major features	•Telephone Book (1,000 destinations) •Broadcasting •Automatic Redialling •Group Dialling (200 groups, 400 destinations per group) •Chain Dialling •Delayed Transmission •Recovery Transmission •Polling •Mailbox (F-code) •Batch Transmission

DISTRIBUTED BY

RADF (Reversing Automatic Document Feeder) MR-3020

Original capacity	100 sheets (A4, A3) (up to 1,000 pages in continue)
Original setting	Face-up
Available original size & weight	A3-A5R, 35-157g/m² (single sided), 50-157g/m² (double sided)
Dimensions (W x D x H) & weight	600mm x 523mm x 135mm, 12.5kg

Large Capacity Feeder KD-1012

Paper supply	2,500-sheet
Available paper size & weight	A4, 64-105g/m²
Dimensions (W x D x H) & weight	530mm x 577mm x 307.5mm, 27kg

Paper Feed Pedestal KD-1011

Paper supply	550-sheet cassette
Available paper size & weight	A3-A5R, 64-105g/m²
Dimensions (W x D x H) & weight	530mm x 577mm x320mm, 21.5kg

Drawer Module MY-1021

Paper supply	550-sheet cassette
Available paper size & weight	A3-A5R, 64-105g/m²
Dimensions (W x D x H) & weight	526mm x 569mm x 107mm, 3.8kg

Finisher (Hanging type) MJ-1022

Trays	2
Capacity & paper weight	Non-sort/Sort/Group: Top bin — 200 sheets (A5R-A4R), 140 sheets (B4), 100 sheets (A3), 80g/m² Bottom bin — 700 sheets (A5R-A4R), 490 sheets (B4), 350 sheets (A3), 80g/m² Staple sort: Top bin — 30 sets or 170 sheets (A4), 30 sets or 110 sheets (B4), 30 sets or 80 sheets (A3), 80g/m² Bottom bin — 50 sets or 600 sheets (A4), 50 sets or 400 sheets (B4), 50 sets or 300 sheets (A3), 80g/m²
Paper size & weight	A3-A5R, 50-209g/m²
Staple capacity	30 sheets (A4, 80g/m²)
Staple position	Single-position
Dimensions (W x D x H) & weight	451mm x 539mm x 590mm, Approx. 17kg

Finisher (Saddle-stitch type) MJ-1025

Trays	1
Capacity & paper weight	Non-sort/Sort/Group: 1,000 sheets (A5R-A4), 600 sheets (A4R-A3), 80g/m² Staple sort: 30 sets, 160mm or 1,000 sheets (A4), 30sets, 80mm or 500 sheets (A3), 80g/m²
Paper size & weight	A3-A5R, 64-209g/m²
Staple capacity	50 sheets (A4, 80g/m²)
Staple position	Multi-position (3 kinds), Saddle stitch
Saddle stitch	Paper size: A3-A4R Staple capacity: 10 sheets (80g/m²)
Dimensions (W x D x H) & weight	538mm x 603mm x 1,011mm, approx. 38kg

Hole Punch Unit MJ-6005 (for the MJ-1025 Finisher)

Dimensions (W x D x H) & weight	90mm x 560mm x 170mm, approx. 4kg

Job Separator MJ-5004

Capacity & paper weight	Upper tray: 25mm or 150 sheets (80g/m²) Lower tray: 40mm or 250 sheets (80g/m²)
Paper size & weight	Upper tray: A3-A5R, 64-105g/m² Lower tray: A3-A5R, 50-209g/m²
Dimensions (W x D x H) & weight	498mm x 415mm x 153mm, 3.3kg

Offset Tray MJ-5005

Capacity & paper weight	39mm or 250 sheets (80g/m²)
Paper size & weight	A3-A5, 50-209g/m²
Dimensions (W x D x H) & weight	500mm x 415mm x 169mm, 3.5kg

Bridge Kit KN-3520

	Prerequisite for installation of Finisher

Platen Cover KA-3511PC

Dimensions (W x D x H) & weight	546mm x 489mm x 44.4mm, 1.6kg

Work Tray KK-3511

Dimensions (W x D x H) & weight	282mm x 471mm x 108.2mm, 1.1kg

ADU MD-0102

Stock capacity Stackless	

Slot Cover KE-2330

Fax 2nd Line Board GD-1160

Antenna for Wireless LAN GN-3010

Wireless LAN Module GN-1041

Data Overwrite Kit GP-1060

Scrambler Board GP-1040

Harness Kit for Coin Controller GQ-1020

PCI Slot GO-1060

	Prerequisite for installation of Scrambler Board

ISO 9001 and ISO 14001 Certifications

These highly acclaimed certifications are recognised worldwide as measures of top quality and environmental management excellence. They are awarded to manufacturers for facilities and practices meeting strict standards set by the Geneva based International Standardization Organization. To date, four copier sales affiliates and all Toshiba TEC manufacturing facilities where copiers, accessories, supplies and parts are produced have received ISO 9001 certification, while four copier sales affiliate and all Toshiba TEC manufacturing facilities have received ISO 14001 certification — even more reasons to count on Toshiba.

These multifunction devices comply with the Wi-Fi standard.

TOSHIBA

TOSHIBA SINGAPORE Pte., Ltd.
438B Alexandra Road, #06-01, Alexandra Technopark, Singapore 119968
Tel: (65) 6275 0255   Fax: (65) 6275 0482
http://www.estudio.com.sg

R0405i159601-TTEC

TOSHIBA

A smart business center solution.

☑ **MFP**

☑ **35/45PPM**

☑ **Black and White**

An MFP that satisfies diverse document center demands while delivering enhanced image quality and security performance.

e-STUDIO 352
e-STUDIO 452

TOSHIBA

e-STUDIO452

A4-R

A3

A4
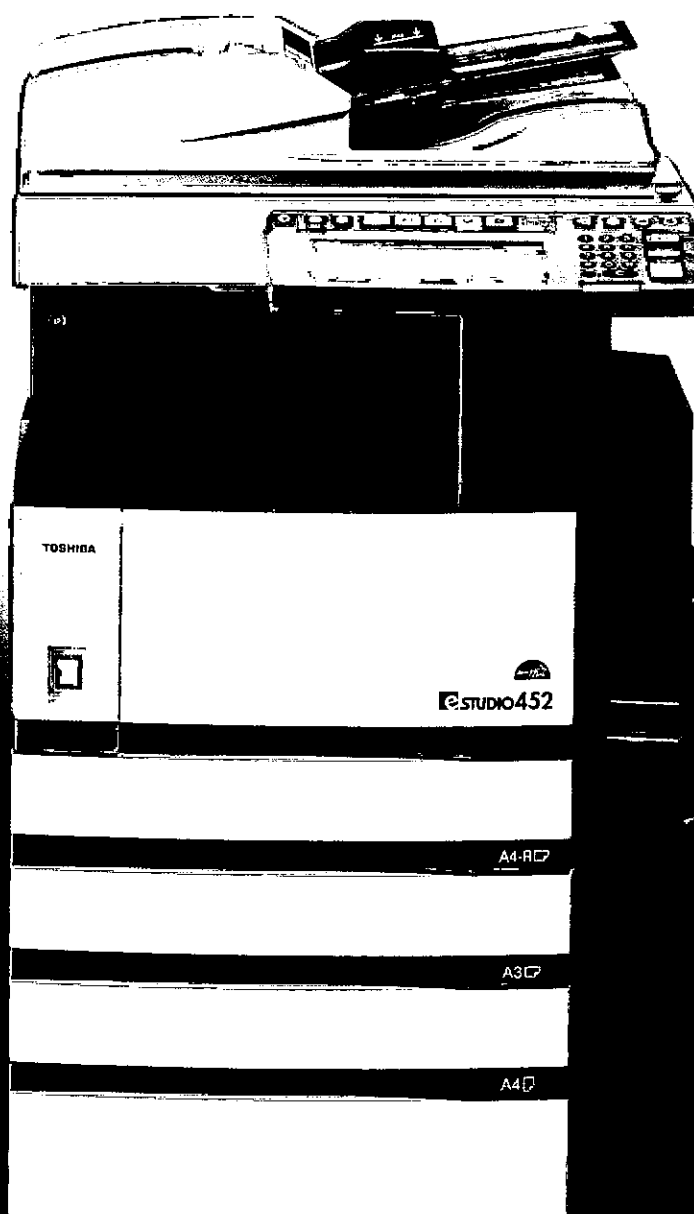
The e-STUDIO352/452 employs the 2nd generation e-BRIDGE Controller and belongs to a new generation of Multi-Functional Peripherals. Developed in line with Toshiba's versatile Network Ready concept, it's an all-in-one MFP document center that embodies an excellent office solution.

In addition to realizing highly user-friendly operation, the e-STUDIO352/452 blends tightened security measures with enhanced print/copy/scan performance to satisfy the document center demands of virtually any office. The e-STUDIO352/452 also redefines TCO (Total Cost of Ownership) through an array of innovations that lead to increased overall office efficiency.

Empower each member of your organization. Work smarter toward a unified goal. Experience the advantage of the e-STUDIO352/452.

New, improved 2nd generation e-BRIDGE
The latest version of Toshiba's e-BRIDGE technology takes MFP performance to a satisfying new level. Supporting more efficient performance, it accelerates the workflow of the entire network. Enabling tighter security, it provides administrators with effective management, password assurance and the ability to restrict access by department or even individual. New 2nd generation e-BRIDGE technology actually provides more user friendly operation. Streaming access to a range of functions and offering compatibility with your existing systems.
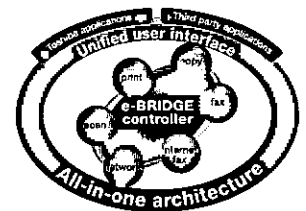
Whatever your deadline, there's always time to achieve professional looking results.

Swift 35/45ppm performance and finishing options

With the optional Printer or Printer/Scanner kit, the e-STUDIO352/452 speeds up office activities with rapid 35/45ppm performance. There's also a wide range of optional finishers, with the ability to meet your specific needs. Offering saddle stitch finish capability and a hole punch unit, they take efficiency to a new level by producing automatically sorted documents with a truly professional finish.

PC   PC   PC

35/45 PPM

Large volume print   Duplex print

2-in-1   4-in-1

N-up print

Staple

Saddle stitch   Hole punch
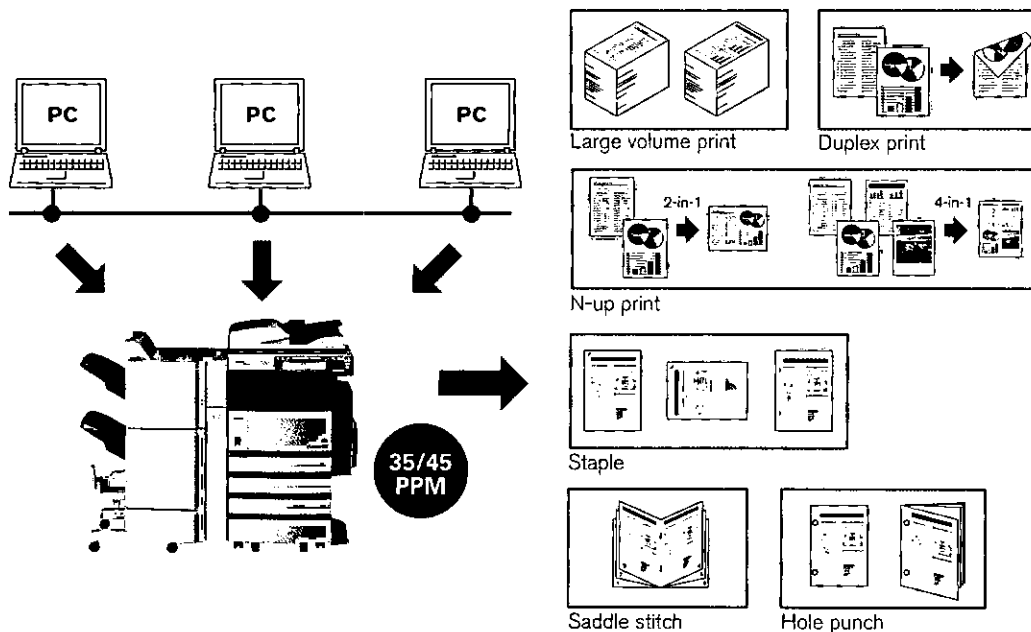
■ Combined technologies for optimal print quality

Combining 256-level halftoning and 2400 X 600dpi clarity, the e-STUDIO352/452 achieves faithful image reproduction and precise sharpness. It also offers a variety of image modes, allowing you to achieve the best possible results whether you're printing text, images, or a combination of both.

■ Job separator

An optional Job separator allows output to be easily distinguished by placement in different areas. Creating two "bins" in the Inner Exit Tray area, it allows fax jobs to be fed into the upper space, for example, while copy and print jobs are automatically directed to the one below.

■ Offset tray

An optional Offset tray allows simple sorting in minimal space, by "staggering" an output job for instant recognition.

■ Three optional finishers

Because each office have unique demand, Toshiba offers a choice of three optional finishers, each of which has stapling and sorting capability. Simply select the one that best suits your business from a hanging type finisher*, and two kinds of console finishers — all offering multi-position stapling, and one enabling saddle stitching too.

*Compatible with the e-STUDIO352 only.
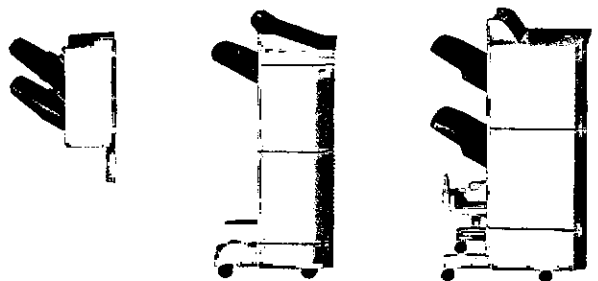
■ Hole punch unit

The console finishers offer an additional advantage of having Hole Punch capability. This option allows you to punch sets of documents with holes for easy binding.

Scanning capability gives you a digital advantage.

Scanning advantages

Optional scanning capability makes it easy to convert paper documents into electronic files without the need for separate applications — making them immune to deterioration, much easier to manage, simpler to share with others, and open to editing or combination with other documents. The e-STUDIO352/452 brings you all of these benefits at an impressive scanning speed of 50* sheets per minute. It also speeds communication further with Scan to Email, template function that eliminates the need to enter Email addresses each time, and an optional Reversing Automatic Document Feeder (RADF) that supports continuous scanning of double-sided originals.

* When scanning single-sided A4 size originals at resolutions of up to 400dpi.

SCAN

Mail Server
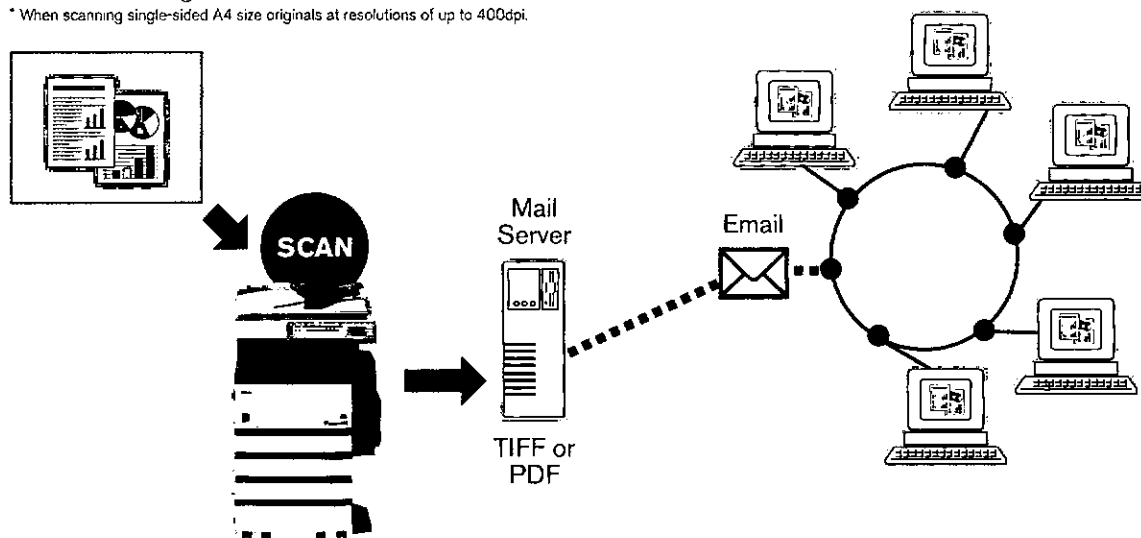
Email

TIFF or PDF

■ Scan to Email
Scan to Email allows paper documents to be digitised in either TIFF or PDF formats, attached to Email, and swiftly sent in one smooth operation.

■ Scan to file
This handy function allows pages to be scanned in either TIFF or PDF formats then sent automatically to a file server or client PC for easier access.

■ Scan to e-Filing
Scan to e-Filing allows data to be stored in the Hard Disk Drive (HDD) of the e-STUDIO352/452 for output to print at any time in the future. This stored information can be merged with ease and even combined with data from different sources, thanks to the e-Filing web utility.

Scan to e-Filing

SCAN

HDD
(e-Filing box)

TWAIN or File Downloder

Scan to file

Client PC

Client PC

File server

Client PC

Client PC
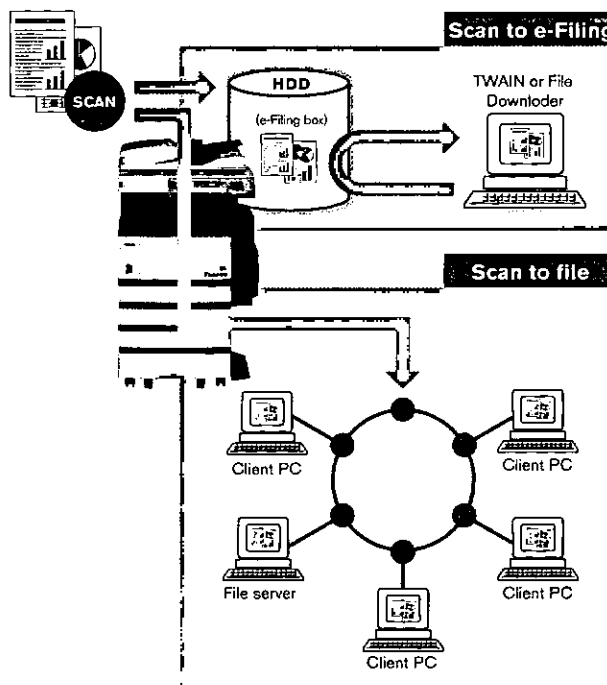
Print only the fax pages you need; respond with greater spee●.

Fax

The e-STUDIO352/452 offers the convenience of Network-Fax, which enables paperless transmission, as well as the ability to store received faxes on your server or redirect them to Email — giving you the power to print only what you want, when you want. The optional Fax board and RADF add versatility and speed. For transmission, the RADF feeds originals continuously and automatically, even if they are double-sided. And for more cost effective, eco-friendly reception, an Automatic Duplexing Unit (ADU) as standard allows double-sided output. The e-STUDIO352/452 even handles fax reception and transmission of up to A3 size paper.
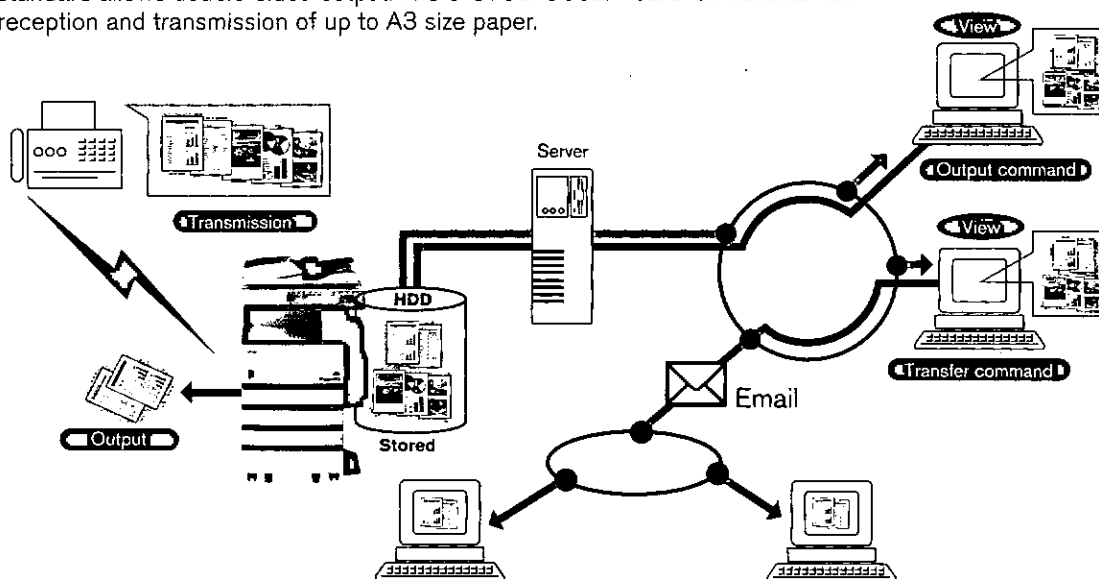
□ Super G3 Fax
Super G3 Fax allows each page to be sent at the impressive speed of only 3 seconds*, without compromising image quality.
*Under optimum conditions. Transmission speed may vary depending on provider, conditions, etc.

□ Network Fax
Network Fax allows faxes to be sent directly from any PC in the network. The function also supports networked fax reception too, ITU-T F-code communication.

□ Internet Fax
Internet Fax makes use of Internet connection to support international or long-distance faxing with minimized cost.

□ On Ramp/Off Ramp Gateway functions
On Ramp Gateway convenience allows documents to be received from F-code compatible G3 faxes and relayed to other Internet fax machines or PCs, while selection of the Off Ramp Gateway lets you turn the e-STUDIO352/452 into a communications hub — receiving Email sent over the Internet and forwarding the messages to other offices as faxes via the Public Switched Telephone Network (PSTN). Furthermore, the e-STUDIO352/452 uses the Internet for long distance faxes and the PSTN for local faxes, ensuring the most economical transmission type for each. It also allows both On Ramp and Off Ramp Gateway functions to be set to work simultaneously.

On Ramp Gateway function
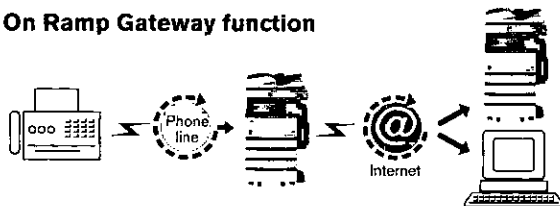
Off Ramp Gateway function
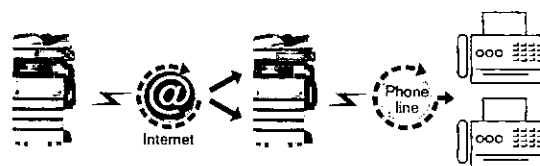
●Filing adds versatility to file creation and storage.

e-Filing

For easy management and swift access, the standard HDD of the e-STUDIO352/452 offers ample space for the storage of printed, copied or scanned data as well as received faxes. Stored documents can then be printed at any time, combined or merged, and shared with others with the utmost ease.

The e-STUDIO352/452 also offers a range of related functions that ensure user-specific security, as well as the convenience of operation via the client PC or the control panel.
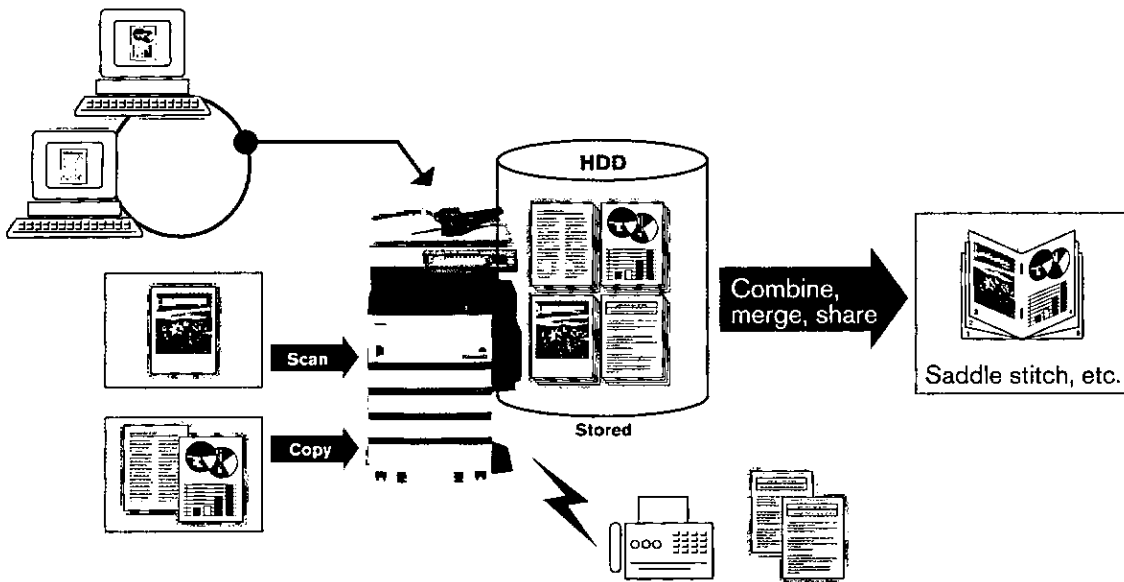
□ Box and folder convenience

File organisation is made easy with virtual folders and boxes, including a Public Box, which allows easy access for all network members, and up to 200 individual User Boxes that can be easily set up by either the administrator or individual users.

□ Simultaneous storage and job execution

For additional versatility, storage can be done at the same time a job is carried out, allowing you to save printing data to a box while printing on paper, for example.

□ e-Filing Web utility

The e-Filing Web utility allows each member of the network to benefit from the convenience of e-Filing, with simple browser-based control and user-friendly thumbnail display.
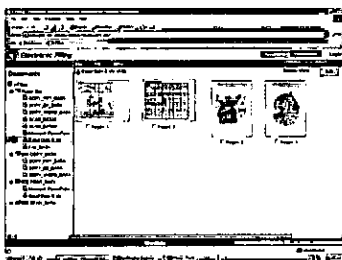
□ Standard File Downloader/TWAIN driver

Through use of the exclusive File Downloader/TWAIN driver application, all stored data can be easily saved in PDF or TIFF format on your PC via the network.
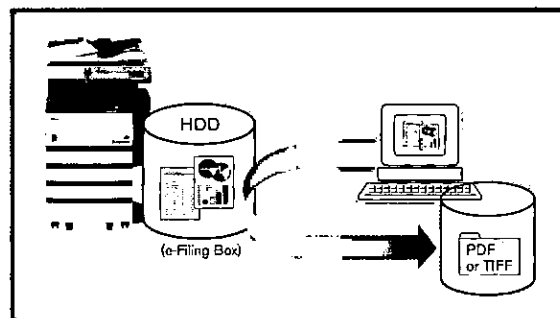
Just select a template and let the e-STUDIO352/452 do the rest.

Template

Template creation capability lets you store frequently used settings for increased efficiency during scan, copy and fax jobs, and also make use of the e-Filing function. It's even possible to save two different jobs to a single template, enabling data to be copied and filed with just a single touch. Up to 12,060 combinations of settings (60 for public and 12,000 for individual use) can be registered via the control panel or any Web browser within your network, and the ability to preset settings such as resolution, recipient address and finishing options can add further convenience to repeat communications. The e-STUDIO352/452 also comes ready-equipped with various templates installed, so you can take advantage of the function right away without having to register the settings yourself.
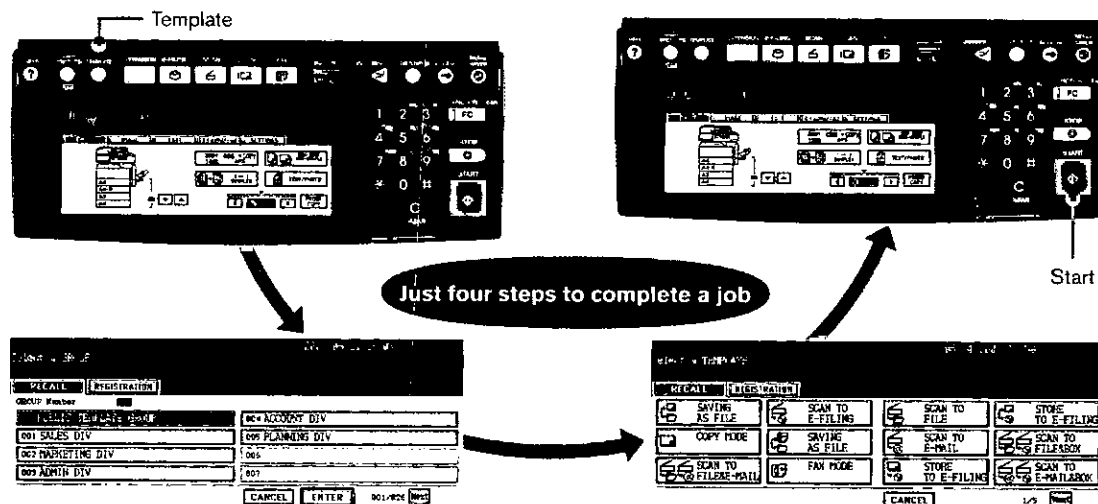
Just four steps to complete a job

■ TopAccess
This innovative function adds browser-based convenience to job and device management. It allows control to be taken from any PC in the network and even supports the creation and modification of templates and address book management.
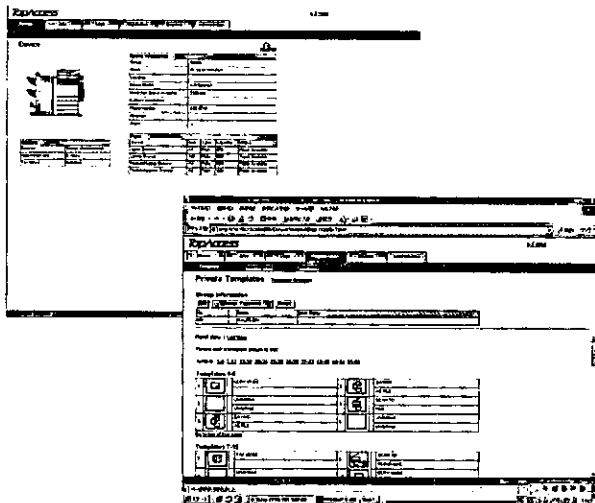
■ TopAccessDocMon
TopAccessDocMon empowers every member of the network with integrated control over jobs and devices. It also serves to reduce downtime by sending pop-up alerts to PCs when the e-STUDIO352/452 requires attention, or when paper needs to be replenished.
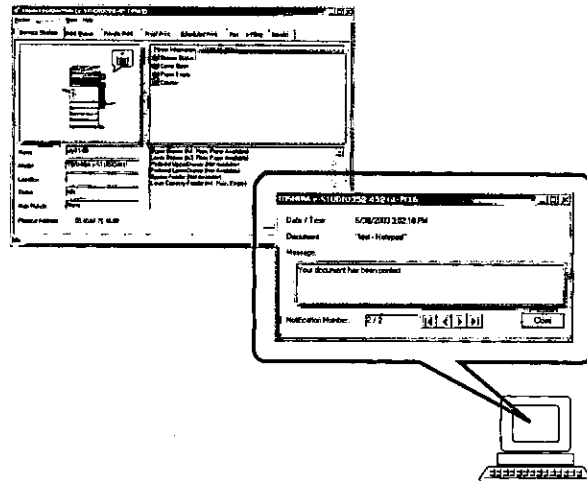
Various options are available to suit your requirements.

Option

•**Hole Punch Unit**
MJ-6004

•**RADF** MR-3018

•**Platen Cover**
KA-3511PC

•**Antenna for Wireless LAN & Bluetooth**
GN-3010

•**Finisher**
MJ-1022
(e-STUDIO352 only)

•**Finisher** MJ-1024

•**Job Separator**
MJ-5004

•**Offset Tray**
MJ-5005

•**Large Capacity Feeder**
KD-1012

•**Paper Feed Pedestal**
KD-1011

•**Drawer Module**
MY-1021

•**Hole Punch Unit**
MJ-6101

•**Data Overwrite Kit** GP-1060

•**Printer Kit** GM-1060

•**Printer/Scanner Kit** GM-2060

•**Scanner Kit** GM-4060

•**Finisher** MJ-1101

•**Fax Board** GD-1200	•**PCI Slot** GO-1060
•**Work Tray** KK-3511	•**Wireless LAN Module** GN-1041
•**Fax 2nd Line Board** GD-1160	•**Bridge Kit** KN-3520
•**Scrambler Board** GP-1040	•**Harness Kit for Coin Controller** GQ-1020
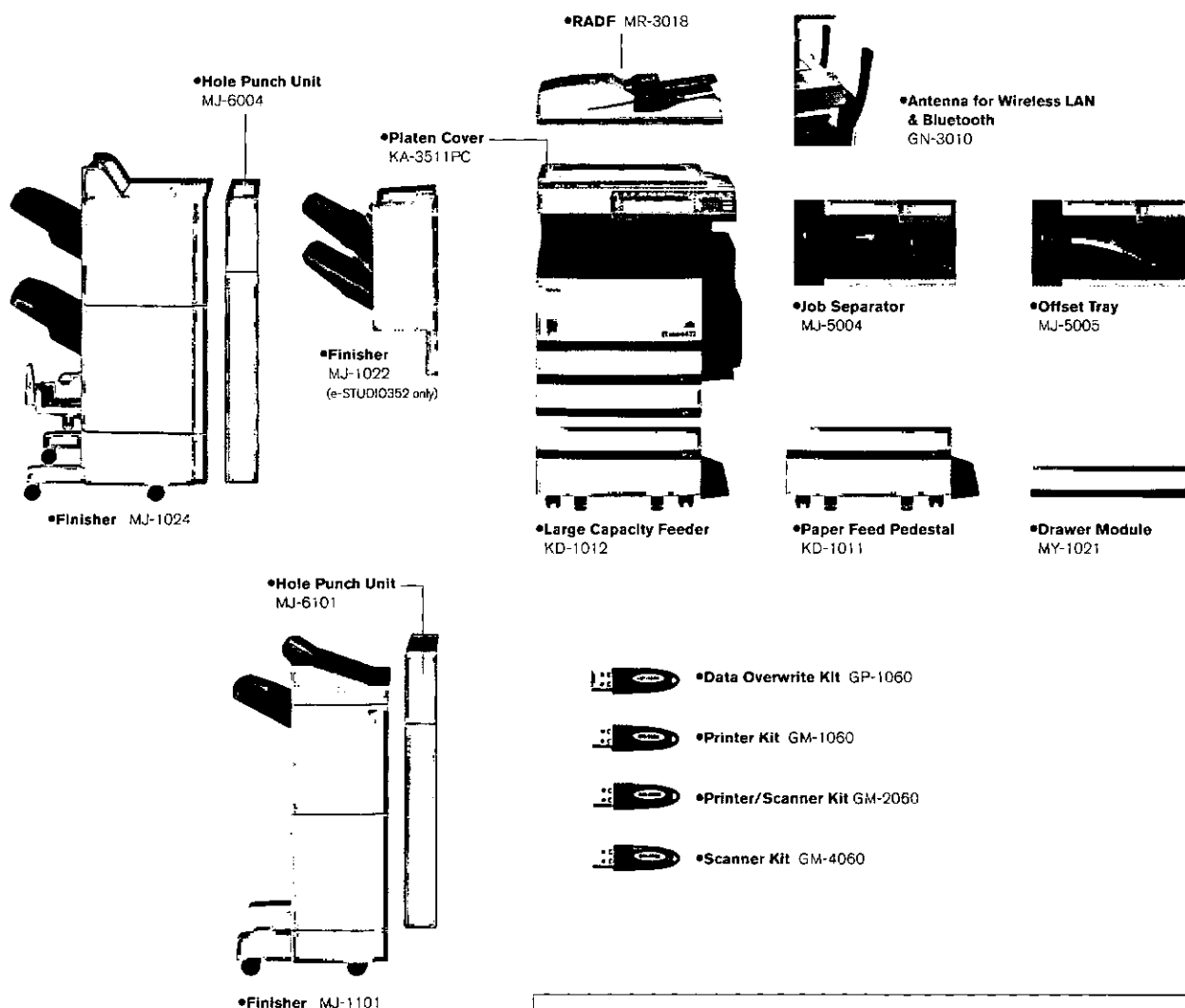
Toshiba: Benefiting your business, caring for the environment.

By choosing Toshiba technology, you actively contribute to Toshiba's efforts for environmental protection by making use of products that impart minimum ecological impact. The e-STUDIO352/452 are excellent examples of Toshiba's efforts for environmental protection — complying with the "ENERGY STAR" energy-saving requirements of the U. S. Environmental Protection Agency (EPA) and the RoHS (Restriction of Hazardous Substances) requirements of the European Union for 2006.

At Toshiba, such environmental awareness also extends to production facilities too. Indeed Toshiba is proud that four copier sales affiliates and all Toshiba TEC manufacturing facilities have been awarded ISO 14001 certification — the internationally recognized standard for environment management systems that minimize the ecological impact of business activities.

Further features for extended performance.

Security

Equipped with a diverse range of security measures, the e-STUDIO352/452 strictly controls access to confidential office information and helps guard against the dangers of data leakage.

Copy originals

System Board

❶ Writing copy image

HDD

Copy outputs

❷ Reading copy image

❸ Overwrite/erase
Writing "0" data, "1" data
and random data

Print data

Scan data

PC

Copy Originals
Scan Originals

Print outputs
Copy outputs

System Board

Decryption   **Encryption**

Scrambler Board

HDD

Encrypted data

MFP
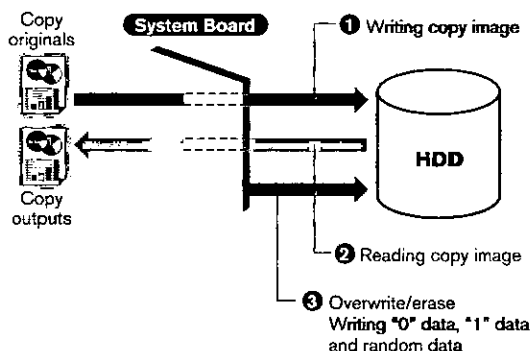
- SMTP authenticaion
- LDAP authentication with Kerberos
- Active Directory with NTLM/Kerberos
- Role Based Access Control
- Private Print
- Optional Scrambler Board
- Optional Data Overwrite kit
- Wi-Fi authentication (WPA2) with Optional Wireless LAN antenna
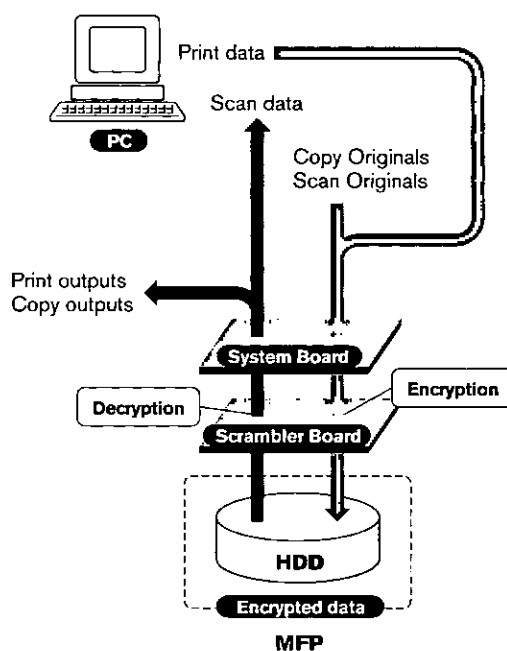
■ Printer Driver

The e-STUDIO352/452 incorporates an easy-to-use Toshiba graphics-based print driver that makes use of common driver technology. Allowing easy operation via simple-to-understand menus and making all functions available from each and every PC in the network, this e-BRIDGE-enabled innovation makes it easy to increase overall productivity.
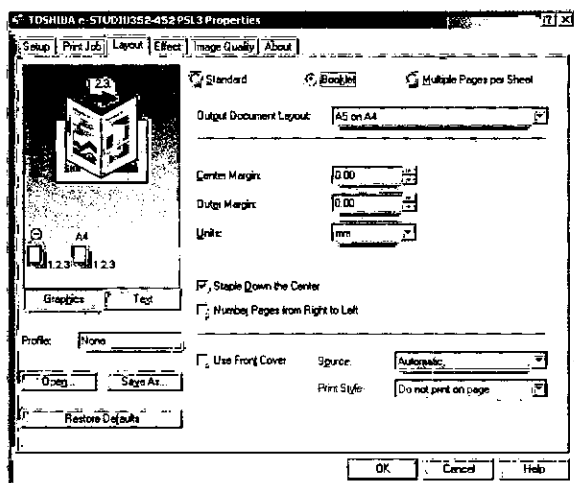
■ Optional wireless LAN compatibility

With IEEE802.11g capability, the e-STUDIO352/452 offer the option of built-in wireless LAN performance — enabling a swift 54Mbps (max.) connection for your network.

■ Easy expansion of network capabilities

The optional expansion kits* for the e-STUDIO352/452 come in the form of compact plug-and-play "keys" , which make the insertion of new boards a thing of the past. Simply insert the "key" of your choice into one of the e-STUDIO's two USB sockets and new capabilities are unleashed. No installation, no hassle; just further functionality.

*Optional expansion kits include a Printer kit, Printer/Scanner kit and Scanner kit.
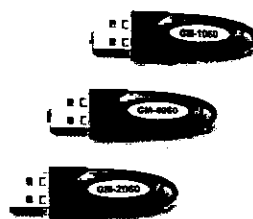
◻ Address book

The e-STUDIO352/452 also offers a user-friendly address book function, which speeds and simplifies the input of fax numbers and Email addresses. Both a fax number and an Email/Internet fax address can be stored as a single entry for each party, and usage really couldn't be simpler — supporting access from the control panel or through the Web-based TopAccess utility.
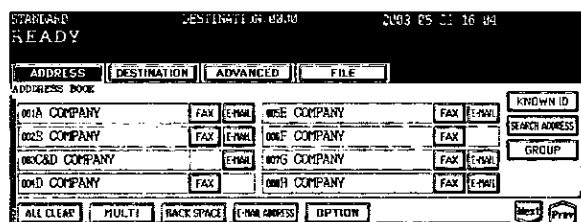
◻ LDAP search/import

The Lightweight Directory Access Protocol (LDAP) search/import function lets you access your mail server's address book in a seamless manner, eliminating the need to enter addresses each and every time you send Email. Such capability is of particular use when using features such as Scan to Email and Internet Fax.

◻ Dual agent function

Dual agent processing offers the obvious benefit of being able to do two jobs at the same time — allowing scanned data to be sent by Email, for example, while simultaneously saving the data to the hard drive.

◻ Concurrent processing

Concurrent processing gives you the power to handle diverse jobs simultaneously, allowing you to send scanned data as Email, for example, while a print job is already in progress.

◻ Rapid 35/45cpm/ppm performance

◻ Swift warm-up time of approx. 20 sec.

◻ Fast first copy delivery in just 3.9 sec.

◻ High-quality copying
- Text, Text/photo, and Photo modes ensure optimum results
- 600 x 600dpi delivers high-clarity scanning resolution in all modes

◻ Large, user-friendly, tilting control panel
- 1/2 VGA-size control panel
- Easy-to-see icons
- Tilt function enhances visibility in various situations
- Full QWERTY keyboard for easy input and operation
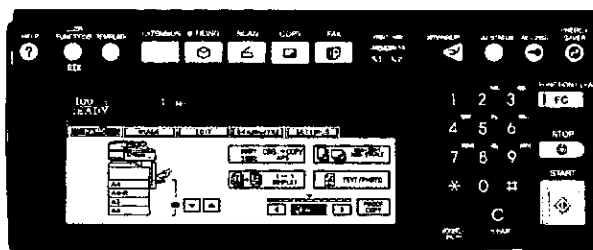
◻ Ample paper handling capacity
- Two 550-sheet drawers and a 100-sheet Stack Feed Bypass (SFB)
- Optional 5-way paper supply with 2,300-sheet capacity (4 drawers + 1 bypass)
- Optional 4-way paper supply with 3,700-sheet capacity (2,500-sheet Large Capacity Feeder + 2 drawers + 1 bypass)
- Drawers accept up to 105g/m² of paper; bypass accepts up to 209g/m²
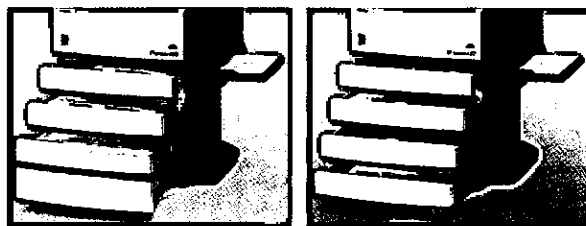
◻ High-performance multi staple finisher (MJ-1101)
- 2,000-sheet, large-capacity movable tray (1 bin)
- Manual staple function

◻ Space-saving dimensions

◻ TOSHIBA original supplies
It is recommended that only supplies made or designated by TOSHIBA be used for this machine in order to get optimum results.

GENERAL

Type	Desktop
Printing/Copying process	Indirect electrostatic photographic method
Original scanning method	CCD line sensor
Paper input capacity (80g/m², A4)	Standard: 550 sheets x 2 (Drawer), 100 sheets (Bypass) Optional: 550 sheets x1 (Paper Feed Pedestal), 550 sheets x1 (Optional drawer for Paper Feed Pedestal) 2,500 sheets (Large Capacity Feeder)
Paper size	Standard: A3-A5R (Drawer), A3-A5R (Bypass), A3-A5R (Duplex)
Paper weight	Standard: 64-105g/m² (Drawer), 64-209g/m² (Bypass), 64-105g/m² (Duplex)
ADU (Automatic Duplexing Unit)	Standard
Processor	PowerPC/400MHz: Shared
Memory	Main Memory: 256MB: Shared/Page Memory: 32MB: Shared
Hard disk drive	40GB+: Shared
Warm-up time	Approx. 20 seconds
Power consumption	Max. 1.6kW (220-240V)
Dimensions (W x D x H) & weight	660mm x 758mm x 739mm, Approx. 86kg
Counter	Electronic 8-digit counter

PRINTING FUNCTIONS (Option)

Print engine resolution	2,400dpi x 600dpi (with smoothing)
Printing speed	35/45ppm (A4)
Drivers	Windows® 98/Me/2000/XP/Server2003 (32 bit), Windows® NT 4.0, Macintosh® 8.6, 9.x, X ver 10.1/10.2/10.3 (PPD),UNIX (HP-UX, Sun Solaris 2.6, 2.7, 7.8, 8, IBM AIX, SCO), Linux, CUPS
Interface	10/100BaseT, Full-speed USB, Optional IEEE802.11b/g (WiFi),
Network OS	Windows® Server2003 (32 bit), 2000, NT4.0, NetWare®
Protocols	TCP/IP, IPX/SPX, EtherTalk, IPP, SNMP, HTTP
PDL	PCL6®, PostScript® 3™
Major features	•Proof Print •Private Print •Scheduled Print •Duplex Printing •Watermark Printing •N-up Printing •Mixed-size Printing •Magazine Sort •Image Overlay •Front/Back Cover Insertion •Page Insertion •Save to Box (e-Filing) •Department Codes Control

COPYING FUNCTIONS

Acceptable originals	Sheet, book, three dimensional objects
Original size	A3-A5R
Copy size	A3-A5R
Resolution	Scanning: 600dpi x 600dpi Printing: 600dpi x 600dpi (with smoothing: 2,400dpi x 600dpi)
Gradation	256 steps
Copying speed	35/45cpm (A4)
Original scanning speed	45/45spm (A4)
First copy time	3.9 seconds
Multiple copying	Up to 999 copies
Copy mode	Text, Text/Photo (Default), Photo, Custom mode
Reproduction ratio	Zoom: 25-400% in 1% increments (Platen), 25-200% in 1% increments (RADF)
Exposure control	Automatic/Manual (11 steps)
Copy density control	Automatic toner density method
Major features	•Energy Saver •Trimming/Masking •Department Code (1,000 kinds) •Cover Sheet •Sheet Insertion •X-Y Zoom •Proof Copy •Magazine Sort •Alternation •2-in-1, 4-in-1, 8-in-1 •Annotation (Date/Time Print) •Job Reservation •Rotation Copy •Thick Paper mode

SCAN FUNCTIONS (Option)

Scanning speed	50spm (A4, 400dpi)
Scanning resolution	600, 400, 300, 200, 150dpi
Major features	•2-sided Scan •Image Rotation •Mixed Size Paper scanning •Scan to Email •Scan to file (SMB, FTP) •Scan to e-Filing

ELECTRONIC FILING FUNCTIONS

Number of boxes	Public Box:1, User Box: 200
Number of folders	100 folders per box
Number of documents	400 documents per Box/Folder
Number of pages	1,000 pages per document
Capacity of HDD	5GB
Input to box	Copy to Box, Print to Box, Received Fax to Box, Received Internet-Fax to Box and Scan to Box (depending on installed options)
Box N/W access applications	TWAIN Driver, File Downloader

INTERNET-FAX FUNCTIONS (Option)

Connectivity supported	T.37 (Simple Mode)
Format of sent attachments	Tiff-S
Scanning original document size	A3-A5R (A3 & B4: Image will be reduced to A4 size and transmitted.)
TX resolution	200dpi
Major features	•On Ramp Gateway (Through the Mailbox) •Off Ramp Gateway •Telephone Book (1,000 destinations)

NETWORK FAX FUNCTION (Option)

Compatibility	Internet-Fax, Super G3, G3
Drivers	Windows® 98/Me/2000/XP, Windows® NT 4.0

NETWORK/DEVICE MANAGEMENT UTILITY

•TopAccess™ •TopAccessDocMon

OPTIONS

Printer Kit GM-1060

Printer/Scanner Kit GM-2060

Scanner Kit GM-4060

Fax Board GD-1200

Usable circuits	Public Switched Telephone Network (PSTN)
Communication mode	Super G3, G3
Number of lines	1 line (2nd line optional)
Modem speed	Max. 33.6 kbps
Data compression	JBIG, MMR, MR, MH
Transmission speed	Approx. 3 seconds per page
Transmission resolution	Direct/Memory transmission: 8 x 3.85 line/mm, 8 x 7.7 line/mm, 8 x 15.4 line/mm, 16 x 15.4 line/mm
Reception resolution	8 x 3.85 line/mm, 8 x 7.7 line/mm, 8 x 15.4 line/mm, 16 x 15.4 line/mm
Print resolution	24 x 23.1 line/mm, 23.1 x 24 line/mm
Scanning mode	Text, Photo/Text, Photo
Grey scale	256 levels (Error diffusion)
Printing speed	35/45ppm (A4)
Major features	•Telephone Book (1,000 destinations) •Broadcasting •Automatic Redialling •Group Dialling (200 groups, 400 destinations per group) •Chain Dialling •Delayed Transmission •Recovery Transmission •Polling •Mailbox (F-code) •Batch Transmission

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RADF (Reversing Automatic Document Feeder) MR-3018

Original capacity	100 sheets (A4, A3) (up to 1,000 pages in continue mode)
Original setting	Face-up
Available original size & weight	A3-A5R, 35-157g/m² (single sided), 50-157g/m² (double sided)
Dimensions (W x D x H) & weight	600mm x 523mm x 135mm, 12.5kg

Large Capacity Feeder KD-1012

Paper supply	2,500-sheet
Available paper size & weight	A4, 64-105g/m²
Dimensions (W x D x H) & weight	530mm x 577mm x 307.5mm, 27kg

Paper Feed Pedestal KD-1011

Paper supply	550-sheet cassette
Available paper size & weight	A3-A5R, 64-105g/m²
Dimensions (W x D x H) & weight	530mm x 577mm x 320mm, 21.5kg

Drawer Module MY-1021

Paper supply	550-sheet cassette
Available paper size & weight	A3-A5R, 64-105g/m²
Dimensions (W x D x H) & weight	526mm x 569mm x 107mm, 3.8kg

Finisher (Hanging type) MJ-1022 (for e-STUDIO352 only)

Trays	2
Capacity & paper weight	Non-sort/Sort/Group: Top bin — 200 sheets (A5R-A4R), 140 sheets (B4), 100 sheets (A3), 80g/m² Bottom bin — 700 sheets (A5R-A4R), 490 sheets (B4), 350 sheets (A3), 80g/m² Staple sort: Top bin — 30 sets or 170 sheets (A4), 30 sets or 110 sheets (B4), 30 sets or 80 sheets (A3), 80g/m² Bottom bin — 50 sets or 600 sheets (A4), 50 sets or 400 sheets (B4), 50 sets or 300 sheets (A3), 80g/m²
Paper size & weight	A3-A5R, 50-209g/m²
Staple capacity	30 sheets (A4, 80g/m²)
Staple position	Single-position
Dimensions (W x D x H) & weight	451mm x 539mm x 590mm, Approx. 17kg

Finisher (Multi-staple type) MJ-1101

Trays	2
Capacity & paper weight	Non-sort/Sort/Group: Stationary Tray — approx. 250 sheets (A4/B5/A5-R, 80g/m²), approx. 125 sheets (A4-R/B4/A3/B5-R/FOLIO, 80g/m²) Finishing Tray — approx. 2,000 sheets (A4/B5/A5-R, 80g/m²), approx. 1,000 sheets (A4-R/B4/A3/B5-R/FOLIO, 80g/m²)
Paper size & weight	A3 — A5-R (Staple: 105g/m² Non-staple: depend on machine)
Staple capacity	50 sheets (A4/B5, 80g/m²), 30 sheets (A3/B4/A4-R/FOLIO, 80g/m²)
Staple position	Multi position (3-kinds — Front-1 position-Slant (30 deg), Rear-1 position-Slant (30 deg), Center-2 position-Parallel)
Manual staple mode	Yes
Dimensions (W x D x H) & weight	535mm x 598mm x 1,092mm, Approx. 34kg

Finisher/Finisher (Saddle-stitch type) MJ-1024

Trays	2
Capacity & paper weight	Non-sort/Sort/Group: Top bin — 1,000 sheets (A5R-A4), 500 sheets (A4R-A3), 80g/m² Bottom bin — 1,000 sheets (A5R-A4), 500 sheets (A4R-A3), 80g/m² Staple sort: Top bin — 30 sets, 147mm or 1,000 sheets (A4), 30sets, 73.5mm or 500 sheets (A4R-A3), 80g/m² Bottom bin — 30 sets, 147mm or 1,000 sheets (A4), 30 sets, 73.5mm or 500 sheets (A4R-A3), 80g/m²
Paper size & weight	A3-A5R, 60-256g/m²
Staple capacity	50 sheets (A4, 80g/m²)
Staple position	Multi-position (5 kinds), Saddle stitch
Saddle stitch (MJ-1024 only)	Paper size: A3-A4R Staple capacity: 15 sheets (80g/m²)
Dimensions (W x D x H) & weight	649mm x 657mm x 1,086mm, Approx. 70kg

Hole Punch Unit MJ-6004 (for MJ-1024 Finisher)

Dimensions (W x D x H) & weight	112mm x 617mm x 378mm, Approx. 9kg

Hole Punch Unit MJ-6101 (for the MJ-1101 Finisher)

Dimensions (W x D x H) & weight	112mm x 573mm x 323mm, Approx. 7kg

Job Separator MJ-5004

Capacity & paper weight	Upper tray: 25mm or 150 sheets (80g/m²) Lower tray: 40mm or 250 sheets (80g/m²)
Paper size & weight	Upper tray: A3-A5R, 64-105g/m² Lower tray: A3-A5R, 50-209g/m²
Dimensions (W x D x H) & weight	498mm x 415mm x 153mm, 3.3kg

Offset Tray MJ-5005

Capacity & paper weight	39mm or 250 sheets (80g/m²)
Paper size & weight	A3-A5, 50-209g/m²
Dimensions (W x D x H) & weight	500mm x 415mm x 169mm, 3.5kg

Bridge Kit KN-3520

	Prerequisite for installation of Finisher

Platen Cover KA-3511PC

Dimensions (W x D x H) & weight	546mm x 489mm x 44.4mm, 1.6kg

Work Tray KK-3511

Dimensions (W x D x H) & weight	282mm x 471mm x 108.2mm, 1.1kg

Fax 2nd Line Board GD-1160

Wireless LAN Module GN-1041

Antenna for Wireless LAN GN-3010

Scrambler Board GP-1040

Data Overwrite Kit GP-1060

Harness Kit for Coin Controller GQ-1020

PCI Slot GO-1060

	Prerequisite for installation of Scrambler Board

ISO 9001 and ISO 14001 Certifications

These highly acclaimed certifications are recognised worldwide as measures of top quality and environmental management excellence. They are awarded to manufacturers for facilities and practices meeting strict standards set by the Geneva based International Standardization Organization. To date, four copier sales affiliates and all Toshiba TEC manufacturing facilities where copiers, accessories, supplies and parts are produced have received ISO 9001 certification, while one copier sales affiliate and four Toshiba TEC manufacturing facilities have received ISO 14001 certification — even more reasons to count on Toshiba.

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As an ENERGY STAR Partner TOSHIBA TEC CORPORATION has determined that this multifunction device model meets the ENERGY STAR guidelines for energy efficiency.

These multifunction devices comply with the Wi-Fi standard.

TOSHIBA

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e-STUDIO555
e-STUDIO655
e-STUDIO755
e-STUDIO855

Toshiba introduces the new e-STUDIO555/655/755/855 — high speed MFPs designed with a human-centric focus. These new models satisfy users and administrators alike through unprecedented speed, productivity, image quality, dependability, operational ease, security, management, quietness, eco efficiency and system integration. In short, they establish a new benchmark for document production.

GENERAL

Printing/Copying process	Indirect electrostatic photographic method
Original scanning method	CCD line sensor
Paper input capacity (80g/m², A4)	Standard : 500 sheets x 2 (Drawer),
	2,500 sheets x 1 (Tandem LCF),
	100 sheets (Bypass)
	Optional : 4,000 sheets (External LCF)
Paper size	A3 - A5R (Drawers/Bypass), A4 (Tandem LCF/Optional LCF)
Paper weight	64-209g/m² (Drawers/Bypass/Tandem LCF/External LCF)
ADU (Automatic Duplexing Unit)	Standard
Memory	1GB Shared
Hard disk drive	60 GB+ Shared
Warm-up time	Approx. 130 sec.
Dimensions (W x D x H)	698 x 789 x 1,176 mm

PRINTING FUNCTIONS

Processor	Power PC 440 Processor Core 833Hz
Hard disk drive	60 GB+ : Shared
Printing speed	55/65/75/85 ppm (A4)
Print engine resolution	600 x 600 dpi (1 bit)
Drivers	Windows 2000/XP (32/64 bit), Windows 2003 Server (32/64 bit),
	Windows Vista (32/64 bit), Windows 2008 Server
	Macintosh OS X ver 10.1/10.2/10.3/10.4/10.5 (using 10.4 PPD),
	UNIX (HP-UX ver 10.20/11.1x, SUN Solaris 2.6, 2.7, 7.8, 8, 9, 18M
	AIX 4.3.3, SCO, Linux)
Interface	Standard: 10/100 Base T, USB2.0(High Speed)
	Optional: IEEE802.11b/g (Wireless LAN)
PDL	PCL6, PostScript3, XPS

Major features
Proof Print, Private Print, Scheduled Print, Hold Print, USB Direct Print, N-up Printing, M xed-size Printing, Magazine Sort, Image Overlay, Front/Back Cover Insertion, Page Insertion, Print to Box (e-filing), Department Code, Secure Pattern Print

COPYING FUNCTIONS

Acceptable originals	Sheet, book, three-dimensional objects
Original size	A3 - A5R
Copy size	A3 - A5R
Resolution	Scanning : 600 x 600 dpi
	Printing : 2,400 x 600 dpi (image smoothing)
Gradation	256 steps
Copying speed	55/65/75/85 cpm (A4)
First copy time	4.0 sec (e-STUDIO 555/655), 3.5 sec (e-STUDIO 755/855)
Multiple copying	1 to 9999 copies
Copy mode	Text, Text/Photo, Photo, Custom
Reproduction ratio	Zoom: 25-400% in 1% increments (Platen),
	25-200% in 1% increments (RADF)
Exposure control	Automatic / Manual (11 steps)

Major features
Energy Saver, Trimming/Masking, Department Code (1,000 kinds), User Code (10,000 kinds), Proof Copy, Job Build, Copy to Box (e-filing), Cover Sheet, Sheet Insertion, X-Y Zoom, Electronic Sorting, Magazine Sort, Alternation, 2 in 1, 4 in 1, 8 in 1 (Duplex), Annotation (Date/Time Print), Job Reservation, Rotation Copy, Thick Paper Mode

SCAN FUNCTIONS

Scanning speed	Up to 80spm (TBD)
Scanning mode	B&W, Grey Scale
Scan format	B&W: TIFF, PDF, XPS
	Grayscale: TIFF, PDF, XPS, JPEG
Scanning resolution	600/400/300/200/150/100 dpi

Major features
2-sided Scan, Image Rotation, Mixed-size Paper Scanning, Scan to Email, Scan to File (SMB, FTP), Scan to e-Filing, Scan to USB, Meta Scan (Optional)

ELECTRONIC FILING FUNCTIONS

Number of Boxes	Public: 1, User Box: 200
Number of folders	100 folders per Box
Number of documents	400 documents per Box/Folder
Input to box	Copy to Box, Print to Box, Received Fax to Box, Received
	Internet-Fax to Box, Scan to Box
Box N/W access applications	TWAIN Driver, File Downloader

INTERNET-FAX FUNCTIONS

Connectivity supported	T.37 (Simple mode)
Format of sent attachments	TIFF-S, TIFF-F (Only A3, B4, A4)
Scanning original document size	A3, B4, A4, A4R, A5, B5, B5R, A5R, FOLIO (A3, B4 & Folio:
	Image will be reduced to A4 size and transmitted)
TX resolution (200 dpi)	Standard (8 x 3.85), Fine (8 x 7.7), Ultra-Fine (16 x 15.4)
	dots/mm

Major features
On Ramp Gateway (through the MailBox), Off Ramp Gateway, Telephone Book (1,000 destinations), Receive Internet Fax to Box

NETWORK FAX FUNCTIONS

Compatibility	Standard, Internet-Fax, Option, Super G3, G3
Drivers	Windows 2000/XP (32/64 bit)/ Vista (32/64 bit), Windows
	2003 server (32/64 bit), Windows 2008 server

NETWORK / DEVICE MANAGEMENT UTILITY

TopAccess, TopAccess DocMon, Address Book Viewer, Service Notification

OPTIONS

Fax Board GD-1250NA/AS

Usable circuits	Public Switched Telephone Network (PSTN)
Communication Mode	Super G3, G3
Number of lines	1 line (2nd line is optional)
Modem speed	Max. 33.6 kbps
Data compression	JBIG, MMR, MR, MH
Transmission speed	Approx. 3 seconds per page
Transmission resolution	Direct/Memory transmission : 8 x 3.85 line/mm,
	8 x 7.7 line/mm, 8 x 15.4 line/mm, 16 x 15.4 line/mm
Reception resolution	8 x 3.85 line/mm, 8 x 7.7 line/mm, 8 x 15.4 line/mm,
	16 x 15.4 line/mm, 11.8 x 11.8 (300 dpi): Transfer
	transmission only

Major features
Telephone Book (1,000 destinations), Broadcasting, Automatic Redialling, Group Dialling (200 groups, 400 destinations per group), Chain Dialling, Delayed Transmission, Recovery Transmission, Polling, Mailbox (F-code), Batch Transmission

Large Capacity Feeder MP-4004A	
Paper supply	4,000 sheets (A4, 80 g/m²)
Available paper size & weight	A4, 64-209 g/m²
Finisher 1 MJ-1027 (Console type)	
Finisher 2 MJ-1028 (Saddle-stitch type)	
Hole Punch Unit MJ-6003	
Fax 2nd Line Board GD-1260NA/AU	
Printer Kit GM-1180	
Printer/Scanner Kit GM-2180	
Scanner Kit GM-4180	
Data Overwrite Kit GP-1070	
Wireless LAN Module GN-1050	
Antenna for Wireless LAN GN-3010	
Staple Cartridge STAPLE-600/700	
Harness Kit for Coin Controller GQ-1040	
e-BRIDGE ID Gate KP-2004/ KP-2005	
IPSec Enabler GP-1080	
Meta Scan Enabler GS-1010	
External Interface Enabler GS-1020	
Finisher Guide Rail KN-1017	

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TOSHIBA

Unleash the power of Toshiba quality.
Push productivity to the next level.

e-STUDIO 600/720/850

New performance. New reliability. New satisfaction.
That's Toshiba quality.

Performance

Reliability

e-BRIDGE
Technology

Satisfaction
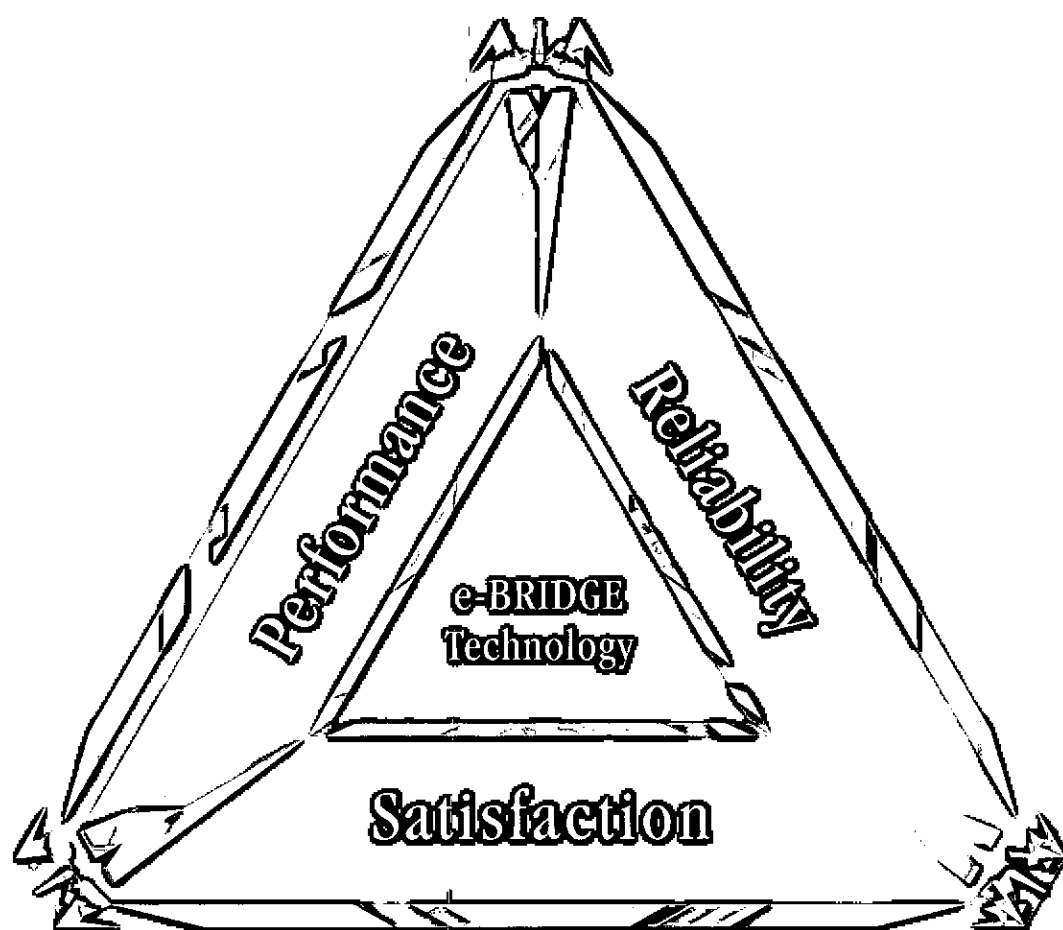
TOSHIBA QUALITY

High-volume, high-speed MFP (Multi-Functional Peripheral) performance used to go hand in hand with high cost. Now all that is about to change, with the unveiling of the new e-STUDIO600/720/850 — Toshiba's exciting new range of network-ready MFP's.

Each incorporating a PowerPC for the CPU and the advantage of 2nd generation Toshiba e-BRIDGE technology, they offer rapid 60/72/85ppm (pages per minute) performance while boasting surprisingly attractive initial costs and exceptionally low TCO (Total Cost of Ownership). They also offer a range of additional functions for dramatically enhanced security and a selection of advances for even more convenient operation.

Blending new performance, satisfaction and reliability with 2nd generation e-BRIDGE technology, the e-STUDIO600/720/850 deliver true Toshiba quality for the office that seriously means business.

Improve on office excellence with a new generation of Toshiba's e-BRIDGE technology

New 2nd generation e-BRIDGE technology

First came e-BRIDGE architecture — a unique Toshiba technology offering the advantage of integrated print, copy, scan and Internet fax capabilities through advanced all-in-one architecture.

Now, with the e-STUDIO600/720/850, Toshiba is proud to introduce the 2nd generation of this successful technology. Building on the success in office productivity, efficiency and overall performance made possible by its predecessor, the new 2nd generation e-BRIDGE architecture delivers a significant acceleration in the processing of concurrent print, copy, scan and Internet Fax tasks while adding a range of further office capabilities for closer control and tighter security.

Faster, more secure, but every bit as user friendly, new 2nd generation e-BRIDGE technology can be your key to a whole new level of success.

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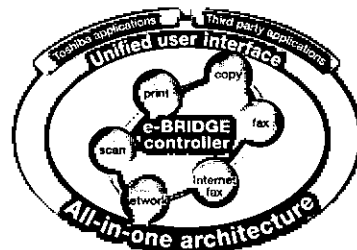
ℂ·STUDIO600/720/850
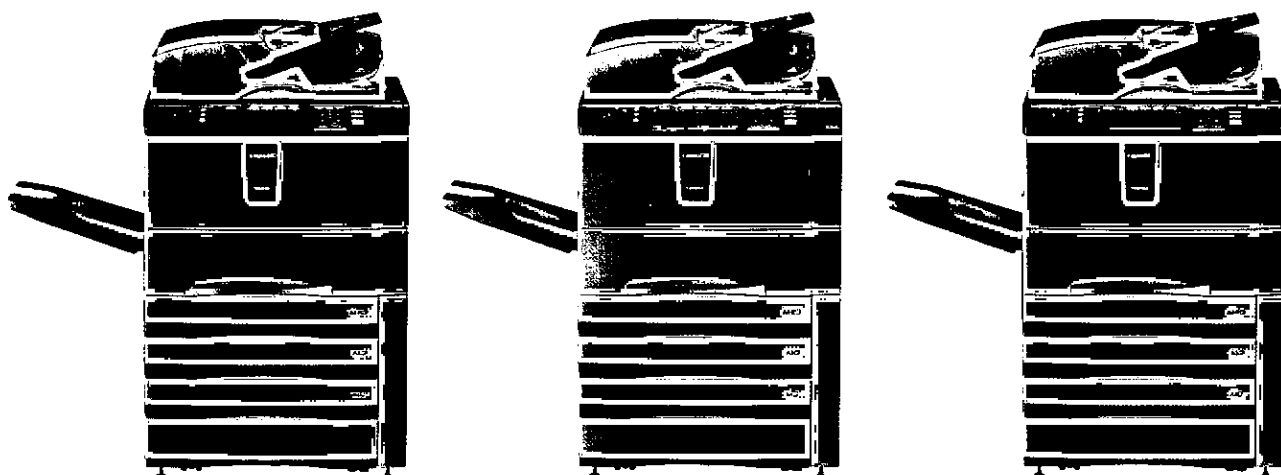
No matter the size of your office. No matter your speed demands and budget constraints. If your office has the need for speed and the ambition to succeed, Toshiba quality is the answer.

ℂ·STUDIO600 Delivering swift 60ppm performance for the office with increased volume needs, the e-STUDIO600 begins delivering cost efficiency with a highly attractive initial cost and extends savings into the future with surprisingly low running costs.

ℂ·STUDIO720 Ideal for the medium-to-large organization, the e-STUDIO720 combines a truly competitive initial price with rock-bottom running costs. And delivering output at a rapid 72ppm, it offers a significant, speedy edge over the competition.

ℂ·STUDIO850 With an initial cost that is as surprisingly small as its compact footprint, the e-STUDIO850 is the machine that truly satisfies professional needs, while fitting well into offices of any size with the need for speed. Delivering the blistering performance of 85ppm with Toshiba's 2nd generation e-BRIDGE technology, the e-STUDIO850 provides your office with the power it needs.

The satisfaction that comes from working with superior technology

Image quality

Toshiba micro grain toner technology

With the e-STUDIO600/720/850, not only will you notice an acceleration in your office workflow, you'll also notice a difference in output quality. That's because the e-STUDIO600/720/850 make use of Toshiba's newly developed micro grain toner and developer to achieve impressive output resolution with meticulous gradation reproduction.

Incomparable image quality

Toshiba's proprietary serial filter ensures accurate contrast, achieves smooth gradations and maintains high overall print and copy quality — and in the e-STUDIO600/720/850, this filter has been improved further. Embracing Toshiba's Sharp Edge Processing technology too, the e-STUDIO600/720/850 deliver even higher copy and scan performance, bringing about a significant reduction in dot interference for printing and achieving more faithful reproduction of fine lines.

Superior greyscale scan

Greyscale mode has been newly added to the e-STUDIO600/720/850. As its name implies, selection of Greyscale mode for scanning results in satisfyingly smooth reproduction of gradations. This is due to new 8-bit processing that enables reproduction of 256 gradations — resulting in much higher quality scanning of colour documents and photographic originals.

Operability

Easy access Template & Address book

Speed up repeated processes with the easy-to-use template function. It allows you to store frequently used settings, such as resolution, recipient address and finishing options for further efficiency during scan, copy and internet fax jobs. The e-STUDIO600/720/850 also feature a user-friendly Address book function that makes it easy to register and access Email addresses for your regular business contacts. Both of these functions are easy to access, playing a significant part in making jobs more efficient

Unique drawer handles

Each of the e-STUDIO600/720/850 models has been fitted with new easy-to-open drawers that feature both lower and upper grips to suit the preferences of each individual user.
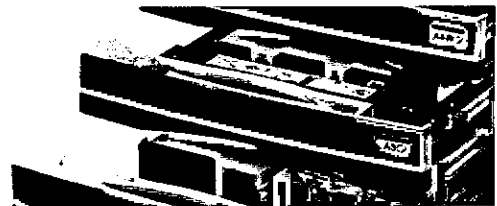
Large, user-friendly LCD touch panel

To ensure optimal user-friendly operation, the e-STUDIO600/720/850 each feature a large 1/2 VGA-size LCD touch panel with large, easy-to-see buttons. What's more, simple operation is also assisted with a set of easily recognized icons and a full QWERTY keyboard.
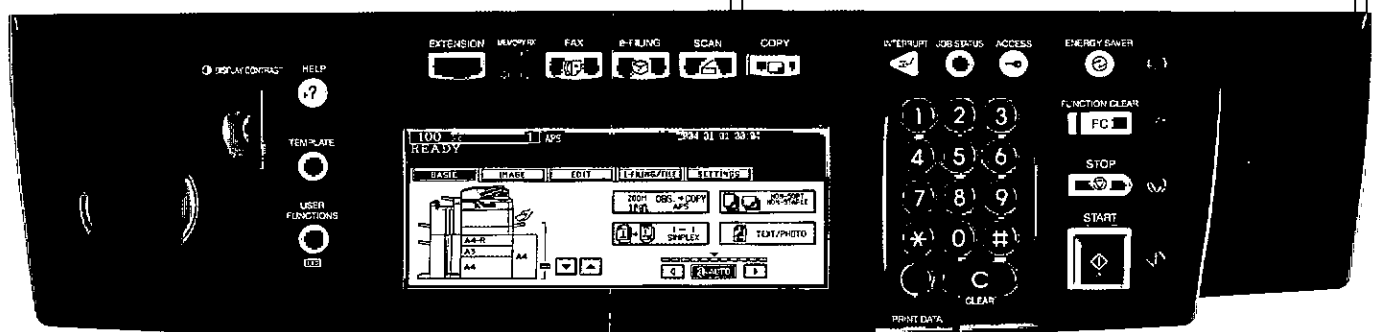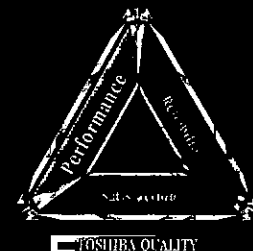
Functionality

Standard networking performance

Incorporating a 10BASE-T/100BASE-TX Network Interface Card (NIC), the e-STUDIO600/720/850 each offer swift and reliable networking performance without the need for optional software or hardware. Managing your jobs or the device is also easy via Toshiba's built-in Web-based TopAccess utility, which is available from any PC in the network.

Job Build

The handy Job Build function is particularly useful when you need to create a single, unified document out of both single- and dual-sided originals, different kinds of paper, or when image modes need to be altered from one original to another. Simply scan the multiple originals at their best settings, then copy them all as one — it's that easy.

Versatile finishing features

Because appearances speak volumes about your company, the e-STUDIO600/720/850 each offer a range of insertion and finishing capabilities that make the completed document appear altogether more polished. Simply select from standard sorting, tab printing, optional stapling, saddle stitching, hole punching and sheet insertion, and see the difference it can make to your communications.
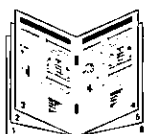
Saddle stitch   *Staple, hole punch & tab printing*

Expandability

Print/scan expandability

When your business expands or demands change, you need an MFP with the ability to change with you. That's why Toshiba has designed the e-STUDIO600/720/850 to each be compatible with a range of expansion "keys". Offering the simplicity of "plug-and-play" installation, they provide you with a range of additional print, scan and Internet fax functions with minimal hassle.

e-filing

The standard e-filing function (also known as Copy to Box) simplifies the digitization of documents — making them easy to share and immune to deterioration. The e-filing function also offers the same versatility and convenience when dealing with optional print, Internet Fax and scanning jobs. Furthermore, the e-STUDIO600/720/850 allow data to be downloaded to any PC in the network through use of the standard File Downloader/TWAIN driver application.

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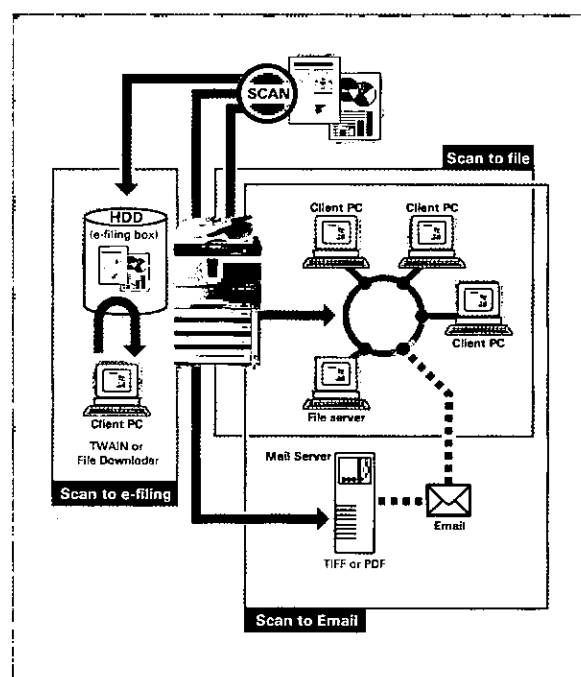
Total confidence born of superb reliability

Durability

Extreme durability, exceptional reliability

Familiarity plays a big part in your team getting the most out of the office MFP. And because the e-STUDIO600/720/850 are each designed for surprisingly long durability, your staff can come to rely on a single advanced office advantage and gain a better understanding of its capabilities for further refined workflow. Furthermore, active measures have been built into the e-STUDIO600/720/850 to ensure less frequent visits by service technicians — further increasing uptime and building on a sense of high-level dependability.

Security

10,000 user IDs and 1,000 department codes

For further security, access and usage to the e-STUDIO600/720/850 can be managed for up to 10,000 separate users via up to 1,000 department codes — enabling your organization to find areas of higher cost and target them for higher efficiency.

HDD encryption & overwriting

Enabling your organization to find a balance between accessibility and data safety, the e-STUDIO600/720/850 offer a range of security management functions to meet all kinds of user demands. Password options have been extended, with case-sensitive alphanumeric password selection and a 10-digit Administrator password, while scrambler board encryption and HDD overwrite capability have been made available as options — enabling you to guard against intercepted data or erasing it without a trace after use.

Security-enhancing authentication systems

With individual user authentication functions, the e-STUDIO600/720/850 offer various security measures for diverse network environments. You also have the choice of Lightweight Directory Access Protocol (LDAP) and Simple Mail Transfer Protocol (SMTP) authentication systems, which can allow you to limit Scan to Email access to account holders only. Furthermore, for even tighter security, you can set the e-STUDIOs to automatically and permanently encode the From Address of approved senders from the LDAP server to ensure Email is not altered in any way.
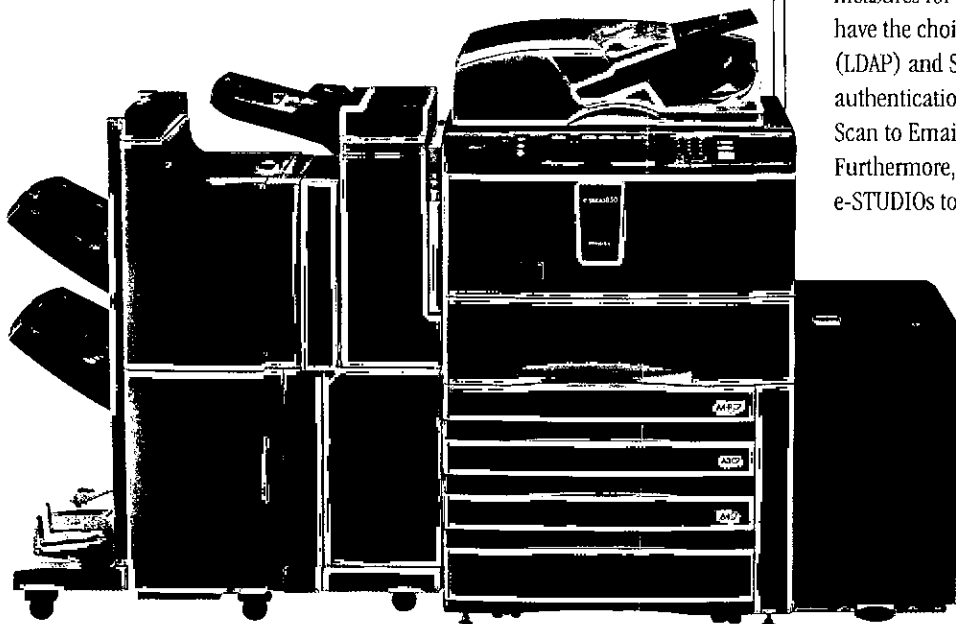
Environment

Opt for environmental protection. Opt for Toshiba.

As a Toshiba customer, you play a part in Toshiba's efforts for environmental protection — selecting products imparting minimized ecological impact throughout their lifecycles and putting Toshiba technologies into action for the good of our planet.

The e-STUDIO600/720/850 are prime examples of Toshiba's efforts for environmental protection and designed for compatibility with the RoHS (Restriction of Hazardous Substances) requirements of the European Union (EU) for 2006. Toshiba printed circuit boards, for instance, are 100% free of lead and halogen material, while all plastic outer covers are halogen free, steel plates and screws are Chromium (VI) free and recyclable materials are used wherever possible. Such environmental conscientiousness also extends to production facilities too — with three copier sales affiliates and all Toshiba TEC manufacturing facilities having been awarded ISO14001 certification, the internationally recognized standard for environmental management systems that minimize the ecological impact of business activities.

Options List

- **Hole Punch Unit** MJ-6003
- **Finisher** MJ-1028
- **Inserter Unit** MJ-7001
- **Finisher** MJ-1027
- **Large Capacity Feeder** MP-4004A

- **Printer Kit** GM-1050
- **Scanner Kit** GM-4010
- **Printer/Scanner Kit** GM-2040
- **Data Overwrite Kit** GP-1060

- **Wireless LAN** GN-1041
- **Antenna** GN-3010
- **Scrambler Board** GP-1040
- **Parallel Interface Kit** GF-1140
- **PCI Slot** GO-1050
- **Finisher Guide Rail** KN-1017
- **Harness Kit for Coin Controller** GQ-1040

TOSHIBA

Leading Innovation ≫

e-STUDIO**555**
e-STUDIO**655**
e-STUDIO**755**
e-STUDIO**855**

Meet higher business expectations.

Discover how simple productivity can be.

Toshiba introduces a high-speed B&W e-STUDIO series – the e-STUDIO555/655/755/855. Toshiba's unique Human Centric approach put users at the center in every phase of research and development of these MFPs. The result is simplified operation and diverse advances that range from excellent image quality, output/input productivity, solid security and connectivity to virtually every segment of MFP performance. These high-end MFPs also offer simplicity in total management to minimize TCO (Total Cost of Ownership). Speed enhances business, but true productivity delivers a whole lot more. Discover document solutions made fast and friendly with the e-STUDIO555/655/755/855 from Toshiba.

e·STUDIO555
55ppm

e·STUDIO655
65ppm

e·STUDIO755
75ppm

e·STUDIO855
85ppm

Human Centric MFPs

High-quality performance

Accelerated productivity

Operational simplicity

Solid security made easy

Comprehensive management

Overall eco-efficiency

Ready for integration

High-quality performance

Accelerated productivity

Comprehensive management

Operational simplicity

Solid security made easy

Overall eco-efficiency

Ready for integration

High-quality performance

The e-STUDIO555/655/755/855 are supremely reliable and durable high-speed MFPs. High-performance image processing and unique micro grain toner technology ensure excellent print/scan image quality, while wide-ranging options offer various finishing choices.

● Incorporating an engine with proven performance, these e-STUDIO models support your day-to-day workflow with the reliability you expect from Toshiba.

● Toshiba's high-performance image processing and micro grain toner technology achieve impressively clear reproduction of fine text and minute gradations. Highly efficient low-temperature registration also contributes to lower power consumption.

● Superior grayscale scanning ensures smooth reproduction of gradations. The 8-bit processing enables reproduction of 256 gradations, resulting in much finer scanning even for colour documents and photographic originals.

● In order to meet diverse user needs, a wide range of finishers are optionally available. You can speed up your workflow with finishers that offer advanced multi-stapling and saddle stitching functions. You can also equip your e-STUDIO with an inserter or hole punch unit.

Accelerated productivity

Not only do the overwhelming speeds of the e-STUDIO555/655/755/855 make large-volume jobs easy, but many ingenious features reduce downtime caused by supply replenishment to a bare minimum.

● Supporting 55/65/75/85ppm output and 80ppm (max.) scan speed, the e-STUDIO555/655/755/855 brings your productivity to a professional level.

● To minimize any downtime, toner supply can be replenished even while the machine is running.

● These e-STUDIOs maintain highly productive dual-sided scanning that is nearly the same speed as single-sided jobs with the RADF.

● A maximum 7,600-sheet paper supply solidly backs up your high-volume jobs.

● Depending on your needs, you can choose from finishers that hold up to 4,000 sheets (2,000 x 2) of paper.

Comprehensive management

Printing cost reduction is easy with features that reduce paper consumption and wide-ranging management functions that govern output restrictions. The large-volume toner, toner recycling mechanism, and long-life design of these MFPs and consumables also reduce TCO.

- Helpful functions allow the administrator to decide which MFP capabilities, such as copying, printing and scanning, are available to each individual user by user. This allows easier and more effective cost management.

- In addition to Hold print, dual-sided printing, N in 1 and scan functions contribute to the reduction of paper consumption.

- Toshiba's unique long-life design has been applied to the MFPs and consumables to further reduce TCO.

- The e-STUDIO555/655/755/855 even provide your office with direct savings in terms of toner. Toshiba's ingenious toner recycling mechanism ensures all the recyclable toner gets used up.

- The e-BRIDGE Fleet Management System (EFMS) is an application that allows consolidated management of the e-STUDIOs and other third-party output devices in your office. It also lets you update e-STUDIO firmware all at once and simplifies cloning of the address book and network settings. Furthermore, you can more easily grasp the status (including counter information) of your e-STUDIO.

Note: Availability of features depends on e-BRIDGE version.

Operational simplicity

The large, easy-to-see 8.5" colour LCD control panel, easy-to-open, universal-design paper drawer handles, toner replenishment even while the MFP is working, and other features that show Toshiba's attention to detail make these e-STUDIOs extremely user friendly.

- The e-STUDIO555/655/755/855 employ a user interface that maximizes operational ease even when dealing with advanced features.

- The universal design includes paper cassette drawer handles that are easy to grip from both above and below.

- To ensure the high level of productivity never slows down, the e-STUDIO555/655/755/855 allow you to replenish toner even when they are running.

- Copying, faxing, and various "Scan to" functions can easily be made into templates to speed up your workflow. With user authentication, "My Menu" exclusive to each individual user can further elevate work efficiency.

Solid security made easy

The e-STUDIO555/655/755/855 offer reinforced security measures that range from HDD encryption & overwriting to user authentication functions. Compatibility with a range of protocols allows you to meet the type of security your office demands.

- As a standard feature, these e-STUDIOs offer HDD encryption to guard against intercepted data. Secure PDF* offers three levels of encryption.
  *Some restrictions may apply.

- With the e-STUDIO555/655/755/855, it is easy to limit access to certain functions by user. User authentication functions and IP/MAC address filtering that controls MFP access are standard features with these e-STUDIOs.

- Optionally, HDD overwriting is available to erase HDD data without a trace after use.

- Optional IPsec (Security Architecture for Internet Protocol) Enabler employs packet data encryption to prevent unauthorized Internet access. These e-STUDIOs are compatible with IEEE802.1X and other Internet security protocols.

- The security of the Private Print feature is further enhanced through authentication with optional e-BRIDGE ID Gate.

- Hold Print, which is selectable on the printer driver, allows Private Printing without inputting a password. It also allows the user to cancel a print job even after sending a print command from the control panel. This eliminates unnecessary printouts and prevents them from being left on the tray where others can read them.

Overall eco-efficiency

Toshiba's corporate-wide pursuit of higher eco-efficiency has led to the production of the new e-STUDIO555/655/755/855. Ecologically sound measures range from the reduction of power consumption and wasted toner to the use of recycled plastic materials and the elimination of environmentally harmful substances.

- Toshiba's original Twin IH fusing technology accelerates warm-up time and lowers both power consumption and running costs, while the new Super Sleep Mode drastically cuts power consumption down to a mere 1W while the machine is in this mode.

- We actively utilize recycled plastic materials in our products to minimize waste of usable resources.

- Our eco-friendly efforts extend to the elimination/minimum use of harmful substances that include lead, Chromium IV, halogen materials and PVC.

The e-STUDIO555/655/755/855 boast connectivity not only with Toshiba solutions, but also with those from third parties. Wide compatibility means further work efficiency in your own office.

- **Toshiba applications**

  - e-BRIDGE Re-Rite is a scan server application that offers OCR processing for e-STUDIO-scanned data to convert it to Word, Excel and other text-editable file formats. PDF creation with text is also possible. When combined with the high-speed scanning of the e-STUDIO555/655/755/855, you can enjoy a smooth and comfortable workflow.

  - e-BRIDGE Job Separator literally separates an output job by inserting divider sheets per set.

- **e-BRIDGE Open Platform**

  - Integration of Microsoft SharePoint Server allows e-STUDIO-scanned data to be directly registered in the SharePoint database without using a PC. Various settings and storage locations are easily controlled on the e-STUDIO touch panel.

  - Microsoft Exchange Server enables e-STUDIO-scanned data to be e-mailed via Exchange server without using a PC.

  - With Open Text RightFax, e-STUDIO-scanned data can be sent directly to RightFax, a server-type PC-Fax application that allows direct fax transmission from a PC. This reduces transmission costs and increases security.

System configurations

50-sheet Multi Staple Finisher MJ-1027

Hole Punch Unit MJ-6003

Inserter MJ-7001

Tandem LCF Type (500-sheet × 2 + 1250-sheet × 2)

LT/A4 External LCF (4000-sheet)

50-sheet staple Saddle Finisher MJ-1028

100-sheet Staple Saddle Finisher MJ-1029

Function / Option	Copy	Print	Scan File USB E-mail	Fax	Internet Fax	Network Fax PSTN	Network Fax Internet
Printer kit	○	○					○
Scanner kit	○		○		○		
Printer/Scanner kit or Printer kit + Scanner kit	○	○	○		○		○
Fax Unit	○			○	○		
Printer kit + Fax Unit	○	○		○	○	○	○
Scanner kit + Fax Unit	○		○	○	○		
Fax Unit + Printer/Scanner kit or Fax Unit + Printer kit + Scanner kit	○	○	○	○	○	○	○

Note: Standard or optional support for Print and Scan functions depends on region.

General

General	
Copying Process	Indirect electrostatic photographic method
Copying Type	e-STUDIO555/655: 1 beam laser printing (Memory copy standard)
	e-STUDIO755/855: 2 beam laser printing (Memory copy standard)
Copy/Print Resolution	Scanning: 600 dpi x 600 dpi
	Printing: 2,400 x 600 dpi with smoothing
Copy/Print Speed	e-STUDIO555: 55 cpm/ppm
	e-STUDIO655: 65 cpm/ppm
	e-STUDIO755: 75 cpm/ppm
	e-STUDIO855: 85 cpm/ppm
Max. Paper Capacity	7,600 sheets (80g/m²/20 lbs, with optional external LCF)
- Standard (3,600 sheets)	Drawer (500 sheets) x 2, Tandem LCF (2,500 sheets),
	Stack Feed Bypass (100 sheets)
- Optional	External LCF (4,000 sheets)
Max./Min. Paper Size	Drawer: A3/A5-R, LD/ ST-R
	Tandem LCF: A4, LT
	Stack Feed Bypass: A3/A5-R, LD / ST-R
	Optional external LCF: A4, LT
Paper Weight	Drawer:
	64 - 209 g/m², 17 lb. Bond - 110 lb. index
	Tandem LCF:
	64 - 209 g/m², 17 lb. Bond - 110 lb. index
	Stack Feed Bypass (Multi-feed):
	64 - 209 g/m², 17 lb. Bond - 110 lb. index
	Optional external LCF:
	64 - 209 g/m², 17 lb. Bond - 110 lb. index
Memory size	RAM: 1GB (Unified Main Memory Shared with Main Memory),
	HDD: 60GB+ (Shared for all imaging functions)
Warm-Up Time	Approx. 130 seconds
First Copy Out Time	e-STUDIO555/655: approx. 4.0 seconds
	e-STUDIO755/855: approx. 3.5 seconds
Duplex	Standard
RADF	100 sheets
Reduction/enlargement	25% to 400%, 25% to 200% (RADF)
Power Consumption	Max. 2.0kW (115V, 220-240V)
Dimensions	W698 x D789 x H1,176mm, 27.5˝ x 31.1˝ x 46.3˝
Weight	Approx. 200kg, 441 lbs

Print Specifications

Print Specifications	
Processor	Power PC 440 Processor Core 833Hz
Interface	Ethernet (10/100BASE-T), USB 2.0/Hi Speeed USB,
	IEEE802.11b/g (option), Bluetooth [HCRP/BIP/OPP/FTP] (option)
Printer Language	PCL6 emulation, PostScript3 emulation, XPS
Protocols	TCP/IP, IPX/SPX, NetBIOS, AppleTalk, EtherTalk
Drivers	Windows 2000, Windows XP/XP 64 bit,
	Windows Server 2003/2008,
	Windows Vista/Vista 64 bit, UNIX, Linux
	MacOS10.2.4, 10.3, 10.4 and 10.5

Scan Specifications

Scan Specifications	
Scan Resolution	150 dpi, 200 dpi, 300 dpi, 400 dpi, 600 dpi
Scan Speed	65 spm (600 dpi)
File Format	TIFF, PDF, XPS, Slim PDF, Secure PDF and others

Fax Specifications

Fax Specifications	
Compatibility	Super G3, G3
Modem Speed	Max. 33.6kbps
Data Compression Method	JBIG, MMR, MR, MH
Transmission Speed	Approx. 3 seconds per page
Memory Transmission	Max. 100 jobs 1,000 destination, 400 destinations/job,
	Max. 1000 pages/file
Scan Speed	0.7seconds per page (A4/LT)

e-Filing Specifications

e-Filing Specifications	
Operation Method	Colour touch control panel or client PC
Nunber of Boxes	1 public box, 200 private user boxes
Capacity of Boxes	100 folders per box, 400 documents per folder,
	1,000 pages per document

Options

Options	
Finisher MJ-1027 (console type)	
- Tray Capacity	1st bin : Approx. 2,000 sheets, approx. 1,000 sheets (A3/LD)
	2nd bin : Approx. 2,000 sheets, approx. 1,000 sheets (A3/LD)
- Staple Capacity	50 sheets, 30 sheets (A3/LD)
Finisher MJ-1028 (console type)	
- Tray Capacity	1st bin : Approx. 2,000 sheets, approx. 1,000 sheets (A3/LD)
	2nd bin : Approx. 2,000 sheets, approx. 1,000 sheets (A3/LD)
- Staple Capacity	50 sheets, 30 sheets (A3/LD)
- Saddle stitch	
-Paper size	A3, B4, A4-R/LD, LT-R, LG
-Staple capacity	15 sheets
-Stack capacity	11 - 15 sheets copy : 10 sets
	6 - 10 sheets copy : 20 sets
	less than 6 sheets : 25 sets
Finisher MJ-1029 (console type)	
- Tray Capacity	1st bin : Approx. 2,000 sheets, approx. 1,000 sheets (A3/LD)
	2nd bin : Approx. 2,000 sheets, approx. 1,000 sheets (A3/LD)
- Staple Capacity	100 sheets, 50 sheets (A3/LD)
- Saddle stitch	
-Paper size	A3, B4, A4-R/LD, LT-R, LG
-Staple capacity	15 sheets
-Stack capacity	11 - 15 sheets copy : 10 sets
	6 - 10 sheets copy : 20 sets
	less than 6 sheets : 25 sets
Hole Punch Unit MJ-6003	for MJ-1027, MJ-1028, MJ-1029
Inserter Unit MJ-7001	100 sheets
Large Capacity Feeder	4,000 sheets Drawer, A4/LT
MP-4004A4/LT	
Staple Cartridge	STAPLE-600, STAPLE-700, STAPLE-1700, STAPLE-1800,
	STAPLE-1900
Printer kit GM-1180	
Scanner kit GM-4180	
Printer/Scanner kit GM-2180	
Fax Unit GD-1250EU/NA	
2nd Line for Fax Unit	
GD-1260EU/NA	
Wireless LAN Module GN-1050	
Bluetooth Module GN-2010	
Antena GN-3010	
Data Overwrite Enabler GP-1070	
Meta Scan Enabler GS-1010	
External Interface Enabler GS-1020	
IPsec Enabler GP-1080	
Harness Kit for Coin Controller GQ-1040	
e-BRIDGE ID Gate KP-2004 (HID), KP-2005 (Mifare)	

Note: Standard or optional support for Print and Scan functions depends on region.

Driven by
e·BRIDGE

OPEN TEXT
The Content Experts

ENERGY STAR

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http://www.toshibatec.co.jp/index_e.htm

TOSHIBA

Leading Innovation ⟫⟫

e-STUDIO**255**
e-STUDIO**305**
e-STUDIO**355**
e-STUDIO**455**

Color scanner on monochrome MFP

Versatility your way.

Toshiba streamlines your workflow.

The embodiment of our unique Human Centric concept that puts users at the center of MFP research and development, the new B&W e-STUDIO255/305/355/455 deliver a high level of user satisfaction. The heightened image quality, outstanding reliability, output/input productivity, operational ease, solid security, low TCO (Total Cost of Ownership), quiet operation and excellent connectivity will change the way you handle everyday work. With a full lineup that offers different speeds and diverse options to choose from, you can easily customize your e-STUDIO and heighten cost performance. The simple, stylish design and efficient environmental measures make the new e-STUDIO a pleasure to work with in your office.
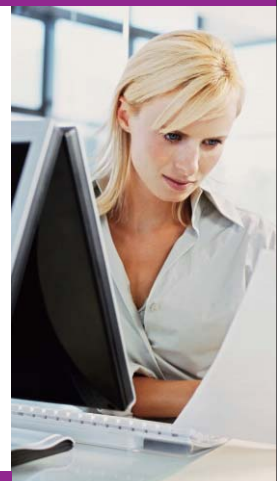
e-STUDIO255
25ppm

e-STUDIO305
30ppm

e-STUDIO355
35ppm

e-STUDIO455
45ppm

Human Centric MFPs

- High-quality performance
- Accelerated productivity
- Operational simplicity
- Solid security made easy
- Comprehensive management
- Overall eco-efficiency
- Ready for integration

Overall eco-efficiency

Toshiba's commitment and efforts in the area of ecological efficiency have resulted in the development of the new, stylish and compact e-STUDIO255/305/355/455. Not only do these space-saving e-STUDIOs conform to various environmental standards including updated and more stringent Energy Star*, they also employ the new Super Sleep Mode, toner recycling mechanism and features such as Hold Print, Omit Blank Page, N in1 and Duplex that help make your office environment more ecologically responsible.

The new Super Sleep Mode drastically cuts power consumption down to a mere 1W while the machine is in this mode.

The e-STUDIO255/305/355/455 feature Toshiba's unique toner recycling mechanism that ensures all the toner gets used up.

Consumables are designed to last longer, reducing the frequency of periodic maintenance.

The e-STUDIO255/305/355/455 are fully compliant with updated and more stringent Energy Star*, Blue Angel Mark*, RoHS Requirements of the European Union, etc.

*Projected to be fully compliant.

Environmental responsibility

Toshiba aims to contribute to sustainable development in two ways: by supporting environmentally friendly values and by reducing the environmental impact of its products and business practices. Toshiba strives to be eco-friendly in all activities including procurement of raw materials and components, product design, production, and distribution. In line with this policy, Toshiba's environmentally friendly MFPs feature recycled materials and are highly efficient with energy and other resources.

Without additional options, the e-STUDIO255/305/355/455 are designed to allow various management settings both by department and user to raise output/job management efficiency. These e-STUDIOs also employ an ERU (Easily Replaceable Unit) design to reduce maintenance time and increase productivity.

Comprehensive management
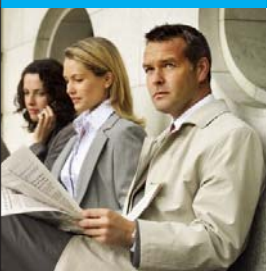
Various features for user authentication, management by department, and job/output restriction/management make it easy to achieve efficiency in management of these e-STUDIOs.

The Meta Scan function enables easy support for Meta Data (XML) that helps streamline the workflow by allowing connectivity with external systems and applications.

The optional e-BRIDGE ID Gate, an MFP proximity card authentication system, drastically simplifies authentication processes.

The e-BRIDGE Fleet Management System (EFMS) is an application that allows consolidated management of the e-STUDIOs and other third-party output devices in your office. It also lets you update e-STUDIO firmware all at once and simplifies cloning of the address book and network settings. Furthermore, you can more easily grasp the status (including counter information) of your e-STUDIO.

Note: Availability of features depends on e-BRIDGE version.
The optional EFMS and e-BRIDGE ID Gate may not be available in some areas.

The e-STUDIO255/305/355/455 are high-performance B&W MFPs, but they feature a full-colour scanning function* for effective input of colour data that can easily be used by various applications. Compatibility with wide-ranging protocols, including IPv6, and next-generation formats such as XPS for Windows Vista™ and Windows Vista Premium deliver enhanced work efficiency in your office.

* An optional scanner kit or printer/scanner kit may be required for scanning in some areas.

Ready for integration
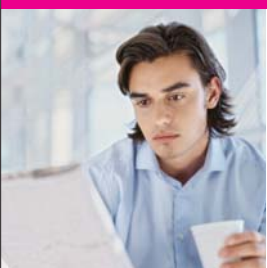
e-BRIDGE Open Platform enables connectivity with third-party applications.

Integration of Microsoft SharePoint Server allows e-STUDIO-scanned data to be directly registered in the SharePoint database without using a PC. Various settings and storage locations are easily controlled on the e-STUDIO touch panel.

Microsoft Exchange Server enables e-STUDIO-scanned data to be e-mailed via Exchange server without using a PC.

With Open Text RightFax, e-STUDIO-scanned data can be sent directly to RightFax, a server-type PC-Fax application that allows direct fax transmission from a PC. This reduces transmission costs and increases security.

The e-STUDIO255/305/355/455 offer a diverse range of compatible applications to streamline your workflow.

e-BRIDGE Re-Rite is a scan server application that offers OCR processing for e-STUDIO-scanned data to convert it to Word, Excel and other text-editable file formats. PDF creation with text is also possible.

e-BRIDGE Job Separator literally separates an output job by inserting divider sheets per set.

The optional e-BRIDGE Job Build allows seamless printouts of different file formats/print settings. For instance, you can print out and staple an Excel file and a PowerPoint file as one job.

Solid security made easy

A high level of security is a must to prevent trouble caused by external factors. The e-STUDIO255/305/355/455 offer advanced security features without adding complexity.

These e-STUDIOs employ the AES (Advanced Encryption Standard) for Hard Disk encryption. This helps discourage DOS (Denial Of Service) threats.

The Private Print function prevents the e-STUDIOs from printing until a password is input on the control panel.

Hold Print, which is selectable on the printer driver, allows Private Printing without inputting a password. It also allows the user to cancel a print job even after sending a print command from the control panel. This eliminates unnecessary printouts and prevents them from being left on the tray where others can read them.

You can set the e-STUDIOs to offer "To", "BCC", "To" and "CC," or "To" and "BCC" address choices when using the Scan to Email, e-filing Box to Email and Transfer "Received FAX/I-Fax to Email" functions.

Security Architecture for Internet Protocol (IPsec)* employs packet data encryption to prevent unauthorized Internet access.

* IPsec Enabler is optional.

While the user authentication function is activated, you can command output without inputting user authentication or Private Print passwords on the MFP control panel by utilising e-BRIDGE ID Gate, an MFP proximity card authentication system.

Operational simplicity

Toshiba's pursuit of maximum operability has resulted in the unique universal design of the e-STUDIO255/305/355/455. The large 8.5" WVGA colour touch panel with extended tilt-adjustable design, easy-to-use template, My Menu functions and other ingenious details will help streamline your everyday workflow.

The inner tray space has been greatly enlarged to increase accessibility and operability.

Convenient template functions are extremely easy to access and utilise.

The universal design includes details such as a control panel that is tilt-adjustable over an extended range, paper cassette handles that are easy to grip from above or below, and an optional Accessible Arm that makes closing the RADF much easier for users in wheelchairs.

Accelerated productivity

The e-STUDIO255/305/355/455 deliver speeds ranging from 25 to 45ppm as well as diverse options that let you easily consolidate your system to precisely meet specific needs.
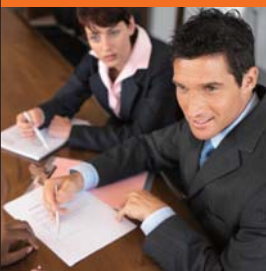
The colour scanning function* lets you scan and import colour data. Various features let you store and transmit the imported data in its original colour.

Scan speeds at a glance
57 spm (all models: 300 dpi, B&W)
43 spm (all models: 300 dpi, colour)

*An optional scanner kit or printer/scanner kit may be required for scanning in some areas.

To eliminate any loss in time and raise the level of productivity in dual-sided jobs, the new ADU (Automatic Duplexing Unit) for the e-STUDIO355/455 employs an independent switchback paper path that delivers the same productivity as single-sided jobs.

Depending on your needs, you can choose from wide-ranging, space-saving finishing options with everything from stapling functions to Job Separators and offset catch trays for easier sorting. A hole punch unit is also available.

Note: The offset feature is standard on the e-STUDIO355/455.

To raise the level of work efficiency, the optional Large Capacity Feeder (LCF) allows you to replenish paper even while the machine is running.

High-quality performance

Toshiba's relentless pursuit of excellence in image quality led us to develop proprietary image processing technology that achieves sharp text reproduction and subtle gradations. Even colour originals result in high-quality B&W copies. No matter what type of originals you are dealing with, these e-STUDIOs deliver excellent output quality.

The new Contact-type Transfer roller offers sharper images with clearer, less grainy dot reproduction. This system also reduces power consumption and emissions of ozone and NOx.

Image engine improvements also achieve smooth tone reproduction with less noise from highlights to shadows, thanks to optimised process settings.

B&W copies of text on dark-coloured backgrounds tend to be hard to read. The new Colour Document Mode solves this problem by adjusting background density for maximum legibility of text.

The Original Outside Erase function effectively eliminates the black borders that tend to appear when making copies of thick originals such as books. This also helps lower toner consumption.

Platen Cover
KA-1640PC

RADF (100-sheet)
MR-3021

Accessible Arm
KK-2550

Work Tray
KK-4550

Saddle-stitch Finisher
MJ-1025

Hanging Finisher
MJ-1031

Bridge Kit
KN-2520

ADU: standard

Job Separator
MJ-5004

Offset Tray
MJ-5005

Hole Punch Unit
MJ-6005
(Built-in type)

Desk
MH-2520

Large Capacity Feeder
(2000-sheet)
KD-1026

Paper Feed Pedestal
(550-sheet × 1)
KD-1025

Drawer Module
(550-sheet)
MY-1033

e·STUDIO255
e·STUDIO305

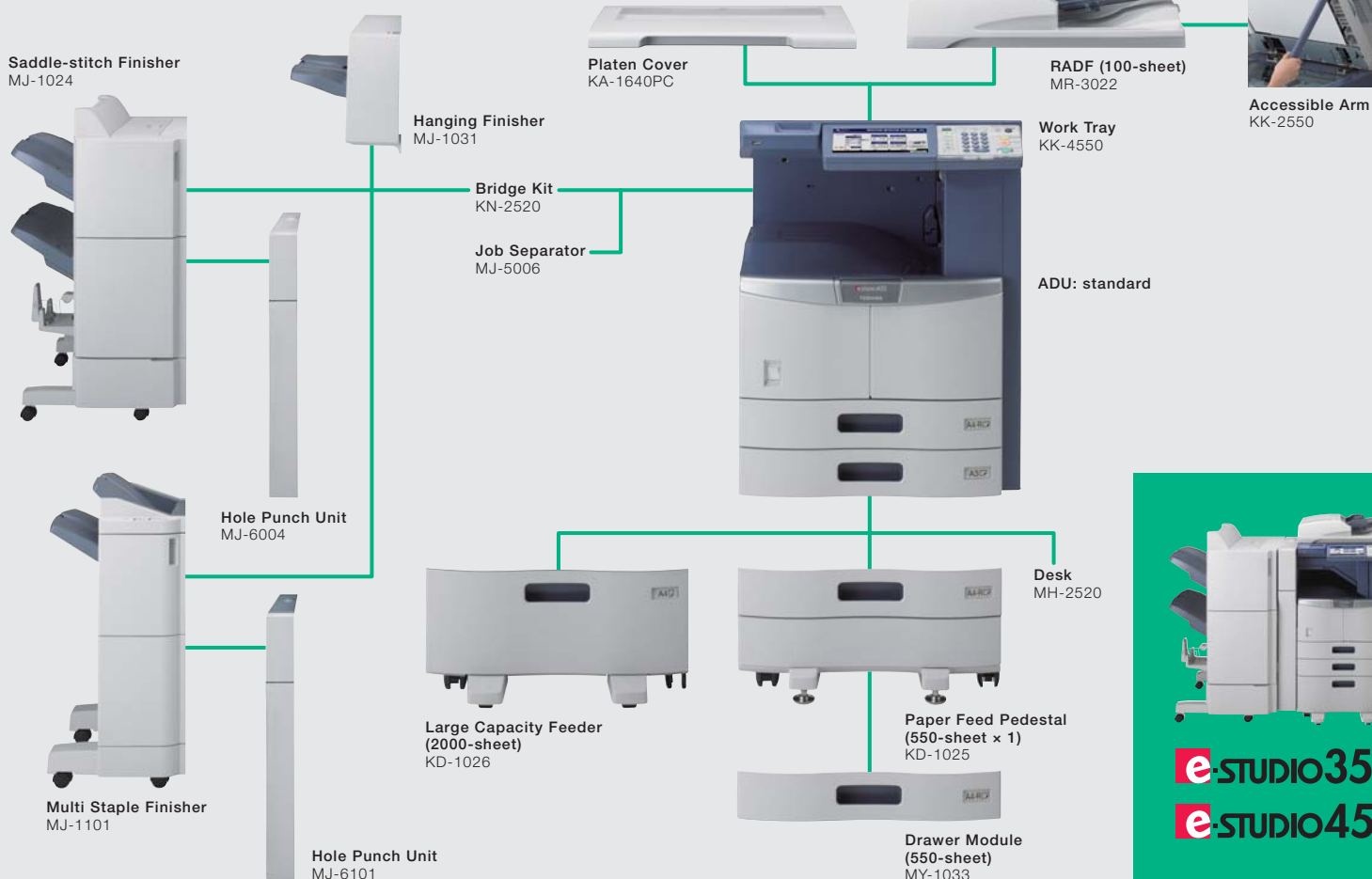| Option \ Function	Copy	Print	Scan File USB E-mail	Fax	Internet Fax	Network Fax PSTN	Network Fax Internet
Printer kit	○	○					○
Scanner kit	○		○		○		
Printer/Scanner kit or Printer kit + Scanner kit	○	○	○		○		○
Fax Unit	○			○	○		
Printer kit + Fax Unit	○	○		○	○	○	○
Scanner kit + Fax Unit	○		○	○	○		
Fax Unit + Printer/Scanner kit or Fax Unit + Printer kit + Scanner kit	○	○	○	○	○	○	○

Note: Standard or optional support for Print and Scan functions depends on region.

Saddle-stitch Finisher
MJ-1024

Hanging Finisher
MJ-1031

Platen Cover
KA-1640PC

RADF (100-sheet)
MR-3022

Accessible Arm
KK-2550

Work Tray
KK-4550

Bridge Kit
KN-2520

Job Separator
MJ-5006

ADU: standard

Hole Punch Unit
MJ-6004

Desk
MH-2520

Multi Staple Finisher
MJ-1101

Hole Punch Unit
MJ-6101

Large Capacity Feeder
(2000-sheet)
KD-1026

Paper Feed Pedestal
(550-sheet × 1)
KD-1025

Drawer Module
(550-sheet)
MY-1033

e·STUDIO355
e·STUDIO455

Specifications

General

Copying Process	Indirect electrostatic photographic method
Copying Type	1 beam laser printing (Memory copy standard)
Copy/Print Resolution	Scanning: 600 dpi x 600 dpi
	Printing: 2,400 x 600 dpi with smoothing
Copy/Print Speed	e-STUDIO255: 25 cpm/ppm
	e-STUDIO305: 30 cpm/ppm
	e-STUDIO355: 35 cpm/ppm
	e-STUDIO455: 45 cpm/ppm
Max. Paper Capacity	3,200 sheets (80g/m²/20 lbs, with optional LCF)
- Standard (1,200 sheets)	Drawer (550 sheets) x 2, Stack Feed Bypass (100 sheets)
- Optional	PFP (550 sheets)
	Drawer for PFP (550 sheets)
	Pedestal type LCF (2,000 sheets)
Max./Min. Paper Size	Drawer: A3/A5-R, LD/ ST-R
	Stack Feed Bypass: A3/A5-R, LD / ST-R
	Optional LCF (Pedestal type): A4, LT
Paper Weight	Drawer: 64 - 105 g/m², 17 - 28 lb. Bond
	Stack Feed Bypass (Multi-feed):
	64 - 209 g/m² , 17 lb. Bond - 110 lb. index
	Stack Feed Bypass (Single-feed):
	52 - 209 g/m², 14 lb. Bond - 110 lb. index
	Optional LCF (Pedestal type):
	64 - 105 g/m², 17 - 28 lb. Bond
Memory size	RAM: 1GB (Unified Main Memory Shared with Main Memory),
	HDD: 60GB+ (Shared for all imaging functions)
Warm-Up Time	Approx. 20 seconds
First Copy Out Time	e-STUDIO255/305: approx. 4.7 seconds
	e-STUDIO355/455: approx. 3.7 seconds
Duplex	Standard
Reduction/enlargement	25% to 400%
Power Consumption	Max. 1.5kW (115V, 220-240V)
Dimensions	W575 x D586 x H756mm, 22.6˝ x 23˝ x 29.8˝
Weight	e-STUDIO255/305: approx. 57kg, 126 lbs
	e-STUDIO355/455: approx. 60kg, 132 lbs

Print Specifications

Interface	Ethernet (10/100BASE-T), USB 2.0/Hi Speeed USB,
	IEEE802.11b/g (option), Bluetooth [HCRP/BIP/OPP/FTP] (option)
Printer Language	PCL6 emulation, PostScript3 emulation, XPS
Protocols	TCP/IP, IPX/SPX, NetBIOS, AppleTalk, EtherTalk
Drivers	Windows 2000, Windows XP/XP 64 bit,
	Windows Server 2003/2008,
	Windows Vista/Vista 64 bit, UNIX, Linux
	MacOS10.2.4, 10.3, 10.4 and 10.5

Scan Specifications

Scan Resolution	100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi, 600 dpi
Scan Speed	57 spm (300 dpi, B/W), 43 spm (300 dpi, Colour)
File Format	TIFF, PDF, XPS, Slim PDF, Secure PDF and others
Authentication	LDAP, SMTP, Windows Domain

Fax Specifications

Compatibility	Super G3, G3
Modem Speed	Max. 33.6kbps
Data Compression Method	JBIG, MMR, MR, MH
Transmission Speed	Approx. 3 seconds par page
Memory Transmission	Max. 100 jobs 1,000 destination, 400 destinations/job,
	Max. 1000 pages/file
Scan Speed	0.7 seconds per page (A4/LT)

e-Filing Specifications

Operation Method	Colour touch control panel or client PC
Number of Boxes	1 public box, 200 private user boxes
Capacity of Boxes	100 folders per box, 400 documents per folder,
	200 pages per document

Options

RADF	100 sheets
(Reversing Automatic Document Feeder) MR-3021, MR-3022	
Finisher MJ-1031 (hanging type)	
- Tray Capacity	Approx. 1,000 sheets, approx. 500 sheets (A3/LD)
- Staple Capacity	50 sheets
Finisher MJ-1025 (console type) for e-STUDIO255/305	
- Tray Capacity	1st bin : Approx. 1,000 sheets, approx. 600 sheets (A3/LD)
- Staple Capacity	50 sheets, approx. 25 sheets (A3/LD)
- Saddle stitch	
-Paper size	A3, B4, A4-R/LD, LT-R
-Staple capacity	Up to 10 sheets
-Stack capacity	6 - 10 sheets copy : 10 sets
	2 - 5 sheets copy : 20 sets
Finisher MJ-1101 (console type) for e-STUDIO355/455	
- Tray Capacity	Finishing Tray: Approx. 2,000 sheets, approx. 1,000 sheets (A3/LD)
	Stationary Tray: Approx. 250 sheets, approx. 125 sheets (A3/LD)
- Staple Capacity	50 sheets
Finisher MJ-1024 (console type) for e-STUDIO355/455	
- Tray Capacity	1st bin : Approx. 1,000 sheets, approx. 500 sheets (A3/LD)
	2nd bin : Approx. 1,000 sheets, approx. 500 sheets (A3/LD)
- Staple Capacity	50 sheets, 30 sheets (A3/LD)
- Saddle stitch	
-Paper size	A3, B4, A4-R/LD, LT-R
-Staple capacity	15 sheets
-Stack capacity	11 - 15 sheets copy : 10 sets
	6 - 10 sheets copy : 20 sets
	less than 6 sheets : 25 sets
Hole Punch Unit MJ-6005	for MJ-1025
Hole Punch Unit MJ-6101	for MJ-1101
Hole Punch Unit MJ-6004	for MJ-1024
Paper Feed Pedestal KD-1025	550 sheets, A3 - A5-R/LD - ST-R
Drawer Module MY-1033	550 sheets, A3 - A5-R/LD - ST-R
Large Capacity Feeder KD-1026A4/LT	2,000 sheets Drawer, A4/LT
Job Separator MJ-5004	for e-STUDIO255/305
Job Separator MJ-5006	for e-STUDIO355/455
Offset Tray MJ-5005	for e-STUDIO255/305
Bridge Kit KN-2520	
Staple Cartridge	STAPLE-600, STAPLE-2000, STAPLE-2400
Platen Cover KA-1640PC	
Accessible Arm KK-2550	
Desk MH-2520	
Work Tray KK-4550	
Printer kit GM-1150	for e-STUDIO255/305
Printer kit GM-1160	for e-STUDIO355/455
Scanner kit GM-4150	for e-STUDIO255/305
Scanner kit GM-4160	for e-STUDIO355/455
Printer/Scanner Kit GM-2150	for e-STUDIO255/305
Printer/Scanner Kit GM-2160	for e-STUDIO355/455
Fax Unit GD-1250EU/NA	
2nd Line for Fax Unit GD-1260EU/NA	
Wireless LAN Module GN-1050	
Bluetooth Module GN-2010	
Antena GN-3010	
Data Overwrite Enabler GP-1070	
Meta Scan Enabler GS-1010	
External Interface Enabler GS-1020	
IPsec Enabler GP-1080	
Harness Kit for Coin Controller GQ-1180	
e-BRIDGE ID Gate KP-2004 (HID), KP-2005 (Mifare)	

Note: Standard or optional support for Print and Scan functions depends on region.

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http://www.toshibatec.co.jp/index_e.htm

R090311-H6800-TTEC

GENERAL

Type	Console
Printing/Copying process	Indirect electrostatic photographic method
Original scanning method	CCD line sensor
Paper input capacity (80g/m²)	Standard: 500 sheets x 2 (Drawer), 2,500 sheets (Large Capacity Feeder, A4), 100 sheets (Bypass)
	Optional: 4,000 sheets (External Large Capacity Feeder, A4)
Paper size	A3-A5R (Drawer), A3-A5R (Bypass), A3-A5R (Duplex), A4 (LCF)
Paper weight	64-209g/m²
Processor	PowerPC 750FX/600MHz: Shared
Memory	Main Memory: 256MB, Shared/Page Memory: 64MB, Shared
Hard disk drive	40GB+: Shared
Warm-up time	Approx. 130 seconds
Power consumption	Max. 2.0kW (230-240V)
Dimensions (W x D x H) & weight	698mm x 789mm x 1,213mm, approx. 204kg

Standard Stackless ADU (Automatic Duplexing Unit)

Paper Size	A3-A5R
Paper weight	64-209g/m²

Standard RADF (Reversing Automatic Document Feeder)

Stack capacity	100 sheets (80g/m²)
Original setting	Face up
Available paper size	A3-A5R
Available paper weight	50-127g/m² (single sided), 50-104g/m² (double sided)

PRINTING FUNCTIONS*

Print engine resolution	2,400dpi x 600dpi (with smoothing)
Printing speed	60/72/85ppm (A4)
Drivers	Windows® 98/Me/2000/XP (32/64 bit)/Server2003 (32/64 bit), Windows® NT 4.0, Windows® Vista (32/64 bit), Macintosh® 8.6, 9.x, X ver 10.1/10.2/10.3/10.4 (PPD), UNIX (HP-UX, Sun Solaris, IBM AIX, SCO), Linux CUPS
Interface	10BaseT/100BaseTX, Full-speed USB, Optional IEEE802.11b/IEEE802.11g (Wi-Fi), Parallel (IEEE1284)
Network OS	Windows® Server 2003 (32 bit), 2000, NT 4.0, Windows® Vista, Netware
Protocols	TCP/IP, IPX/SPX, EtherTalk, IPP, SNMP
PDL	PCL6® compatible, PostScript® 3™ compatible
Major features	•Proof Print •Private Print •Scheduled Print •Duplex Printing •Watermark Printing •N-up Printing •Mixed-size Printing •Tab Print/Insertion •Magazine Overlay •Front/Back Cover Insertion •Page Insertion •Print to Box (e-filing) •Department Code Control

COPYING FUNCTIONS

Acceptable originals	Sheet, book, three dimensional object
Maximum original size	A3
Copy size	A3-A5R
Resolution	Scanning: 600dpi x 600dpi
	Printing: 2,400dpi x 600dpi (with smoothing)
Gradation	256 steps
Copying speed	60/72/85cpm (A4)
Original scanning speed	71spm (A4)
First copy time	Less than 4.0 seconds (e-STUDIO600/720)
	Less than 3.5 seconds (e-STUDIO850)
Multiple copying	Up to 9,999 copies
Copy mode	Text, Text/Photo (Default), Photo, Custom mode
Reproduction ratio	Zoom: 25-400% in 1% increments (Platen), 25-200% in 1% increments (RADF)
Exposure control	Automatic/Manual (11 steps)
Major features	•Energy Saver •Trimming/Masking •Department Codes (1,000 kinds) •User Codes (10,000 kinds) •Mixed-size Copying •Copy to Box (e-filing) •Cover Sheet •Sheet Insertion •X-Y Zoom •Electronic Sorting •Magazine Sort •Alternation •2-in-1, 4-in-1, 8-in-1 •Annotation (Date/Time Print) •Job Reservation •Rotation Copy •Thick Paper mode •Job Build

SCAN FUNCTIONS*

Scanning speed	83spm (A4, 300dpi), 71spm (A4, 600 dpi)
Scanning resolution	600, 400, 300, 200, 150dpi
Scan mode	Text, Text/Photo, Photo, Greyscale (150-400dpi)
Major features	•2-sided Scan •Image Rotation •Mixed Size Paper scanning •Scan to Email •Scan to file (SMB, FTP) •Scan to Box (e-filing)

ELECTRONIC FILING FUNCTIONS

Number of boxes	Public Box: 1, User Box: 200
Number of folders	100 folders per Box
Number of documents	400 documents per Box/Folder
Number of pages	1,000 pages per document
Capacity of HDD	5GB
Input to box	Copy to Box, Print to Box, Received Fax to Box, Received Internet Fax to Box and Scan to Box (depending on installed options)
Box N/W access applications	TWAIN Driver, File Downloader, e-filing web utility

INTERNET-FAX FUNCTIONS*

Connectivity supported	T.37 (Simple Mode)
Format of sent attachments	Tiff-S
Scanning original document size	A3-A5R (A3 & B4: Image will be reduced to A4 size and transmitted)
TX resolution	8 x 3.85, 8 x 7.7 dots/mm
Major features	•On Ramp Gateway (Through the MailBox) •Off Ramp Gateway •Telephone Book (1,000 destinations) •Received Internet Fax to Box (e-filing)

NETWORK/DEVICE MANAGEMENT UTILITY

•TopAccess™ •TopAccessDocMon

*Optional kit required.

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OPTIONS

Printer Kit GM-1050	
Printer/Scanner Kit GM-2040	
Scanner Kit GM-4010	

Large Capacity Feeder MP-4004A

Paper supply	4,000-sheet
Available paper size & weight	A4, 64-209g/m²
Dimensions (W x D x H) & weight	327mm x 604mm x 617mm, 37kg

Finisher MJ-1027

Trays	2
Capacity & paper weight	Non-sort: Top/bottom bin — 2,000 sheets (A4/B5), 1,000 sheets (A4R/B4/A3/B5R/FOLIO), 500 sheets (A5R), 80g/m²
	Sort/group: Top/bottom bin — 2,000 sheets (A4/B5), 1,000 sheets (A4R/B4/A3/FOLIO), 80g/m²
Paper size & weight	A3-A5R, 60-256g/m²
Staple capacity	50 sheets (A4/B5, 80g/m²)
Staple position	Multi-position (4 kinds)
Dimensions (W x D x H) & weight	616mm x 630mm x 1,023mm, approx. 43kg

Finisher MJ-1028

Trays	2
Capacity & paper weight	Non-sort: Top/bottom bin — 2,000 sheets (A4/B5), 1,000 sheets (A4R/B4/A3/B5R/FOLIO), 500 sheets (A5R), 80g/m²
	Sort/group: Top/bottom bin — 2,000 sheets (A4/B5), 1,000 sheets (A4R/B4/A3/FOLIO), 80g/m²
Paper size & weight	A3-A5R, 60-256g/m²
Staple capacity	50 sheets (A4/B5, 80g/m²)
Staple position	Multi-position (4-kinds)
Saddle stitch	Paper size: A3-A4R, Staple capacity: 15 sheets (80g/m²)
Dimensions (W x D x H) & weight	616mm x 630mm x 1,023mm, approx. 63kg

Hole Punch Unit MJ-6003 (for the MJ-1027/MJ-1028 Finisher)

Dimensions (W x D x H) & weight	76mm x 615mm x 275mm, approx. 5.4kg

Inserter Unit MJ-7001 (for the MJ-1027/MJ-1028 Finisher)

Stack capacity	100 sheets (80g/m²)
Paper size	A3/A4/A4R/B4/B5/304.8mm wide paper
Available paper weight	60-256g/m²
Sheet setting	Face up
Dimensions (W x D x H) & weight	533mm x 612mm x 1,072mm, approx. 20kg

Finisher Guide Rail KN-1017

Recommended for offices with carpets and other soft flooring to keep the finisher firmly in place. It also serves as a support when separating the finisher from the main unit.

Scrambler Board GP-1040	
Data Overwrite Kit GP-1060	
Parallel Interface Kit GF-1140	
PCI Slot GO-1050	Prerequisite for installation of Scrambler Board and Parallel Interface Kit
Wireless LAN Module GN-1041	
Antenna GN-3010	Required for wireless LAN
Harness Kit for Coin Controller GQ-1040	

TOSHIBA ORIGINAL SUPPLIES

It is recommended that only supplies made or designated by TOSHIBA be used for this machine in order to get optimum results.

ISO 9000 and ISO 14000 Series Certifications

These highly acclaimed certifications are recognized worldwide as measures of top quality and environmental management excellence. They are awarded to manufacturers for facilities and practices meeting strict standards set by the Geneva based International Standardization Organization. To date, all Toshiba TEC manufacturing facilities where copiers, accessories, supplies and parts are produced have received ISO 9000 series certification, while three copier sales affiliates and all Toshiba TEC manufacturing facilities have received ISO 14000 series certification — even more reasons to count on Toshiba.

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