Recycled paper is used for the inside pages of this book.

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User's Manual

MAINTENANCE AGREEMENT

Océ 750 Printer will give you many years of trouble-free service. To ensure high-quality printing performance and to prevent premature wear or failure of precision parts and components, schedule periodic cleaning and routine adjustments.

We recommend that you contact your service center to discuss the benefits and advantages of Océ's Customer Service Maintenance Agreement and to be shown how a maintenance plan can be tailored to your individual printing needs.

NOTICE:

Océ-USA, Inc. and OcéPrinting Systems, Inc. have made every effort to ensure that the information in this manual is complete and accurate. However, constant efforts are also being made to improve and update the product. Therefore, Océ shall not be liable for errors in this manual or for any consequential damages resulting from the use of this manual. The information contained herein is subject to change without notice.

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MANUAL PART NUMBER: OP-Oce750-03

WEB SITE ADDRESS http://www.oceusa.com

CORRESPONDENCE: Correspondence regarding this manual may be mailed to the address shown below.

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Section 1: Introduction

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Introduction 1-1

To the User

Welcome to the Océ 750 Printer, which includes the main body engine, the print controller, and the optional network interface card. Separate user documentation is provided with the print controller and the network interface card.

This User's Manual describes the layout of the main body machine configured with both standard and optional equipment and explains control panel functions and procedures for all operations. This manual also includes basic engine specifications, information on media requirements, maintenance, supplies, safety measures and troubleshooting tips.

Be sure to read this manual thoroughly before operating the equipment and keep it in a handy location for the convenience of all users.

Océ is committed to serving you in the best way possible and we welcome your comments on this manual. If you wish to send us your comments, please use our mailing address displayed at the front of the book.

Features Overview

Connects to the Network or Main Frame via the Network Print Controller75 and the Network Interface Card, enabling the system to function as a network printer or print server on the network.

The Océ 750 electronically digitizes images then outputs in various ways controlled by software. The digitized image is represented as pixels on a screen or as dots per inch (dpi) on hard print.

- 600dpi Mode Scans with a higher resolution (600dpi) than normal mode (400dpi).
- All-Image Area

Prints completely to the edges of the paper to avoid image loss.

• ATS - Automatic Tray Switching

Automatically switches to another tray when a tray becomes empty during a print job.

• Auto Low Power

Automatically lowers the power after a specified period of printer inactivity.

Auto Reset

Automatically resets to auto mode defaults after a specified period of printer inactivity.

• Auto Shut-Off

Automatically shuts off the main body power after a specified period of printer inactivity.

• Chapter

Places chapter pages on the righthand side in duplex mode.

Duplex Mode

Selects the duplex printing mode.

Manual Shut-off

Shuts off the main power with the [POWER SAVER ON/OFF] key.

• Non STD Size for Multi-Sheet Bypass Tray

Allows you to indicate a special paper size to be loaded in the Multi-sheet bypass tray.

Features Overview (continued)

 Output modes with Finisher or Finisher-Folder Installed: Non-Sort, Sort, Staple-Sort, and Group modes using the primary (main) tray Non-Sort Face Down exit, Non-Sort Face Up exit, Group Face Down exit, and Group Face Up exit modes using the secondary (sub) tray Stapling & Folding, and Folding modes using the booklet tray (Finisher-Folder

only)

- Output modes with Finisher / Finisher-Binder and Cover Sheet Feeder Installed: Cover Sheet mode Manual Staple mode For details of each output mode, see Section 6: Output Modes.
- Power Saver

Automatically reverts to nominal optimal efficiency power after a specified period of printer inactivity. Normal power resumes after a brief warm up period by pressing the [POWER SAVER ON/OFF] key on the Control panel.

• Punching Mode for Finisher / Finisher-Folder with Punching Unit Installed: Punch three holes in output prints.

• Repeat Image

Repeats the selected horizontal image area down the page as many times as permitted by the repeat width setting (10 ~ 150mm) permits in manual or auto mode.

Reserve

Scans subsequent print jobs while the Océ 750 is busy printing or printing.

• Resolution (400dpi, 600dpi)

400dpi and 600dpi resolution modes provide optimal image quality for photos, complicated graphics and text requiring high to very high compression.

Reverse Image

Reverses the image from black-on-white to white-on-black or vice versa.

• Stamp/Overlay

Imprints a stamp, watermark, or scanned image onto the print image.

Staple

Selects the stapling position and number of staples (3 positions).

1-4 Introduction

Section 2: Safety Information

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Safety Information 2-1

User Instructions

The following pages include important safety information, which you must read and understand before you attempt to operate the printer. If you have any concerns about safety matters, please contact your service representative. Keep this manual permanently located with the printer, so that this safety information is readily available.

Machine Safety Labels

Machine safety labels are attached to the internal area of the printer. The purpose of safety labels is to alert you of imminent or potentially hazardous situations or conditions. Be sure to heed all safety label information. If any safety label becomes illegible due to soilage, etc., please contact your service representative for information about label replacements. Sample safety labels are shown on the following page.

TO AVOID GETTING BURNED Do not touch any machine area that you are advised not to touch by a warning or caution label.

DO NOT REMOVE WARNING OR CAUTION LABELS

Clean labels as needed to maintain legibility. If any warning or caution label is removed or becomes illegible from soilage, please contact your service representative for information about label replacements.

The following standard safety categories are commonly used on product labeling.

A DANGER:

Danger indicates an imminent hazardous situation, which, if not avoided, will result in death or serious injury.

Note: The DANGER category is not required for this product, and is included here for general user information.

WARNING:

Warning indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

A CAUTION:

Caution indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate bodily injury.

NOTICE: Notice provides information on the correct handling or use of the machine to prevent breakage of the printer or some machine part, etc. It does not indicate concern for personal safety.

2-2 Safety Information

Machine Safety Labels (continued)

Label Locations



Safety Information 2-3

Machine Safety Labels (continued)

Label Locations (continued)



2-4 Safety Information

Regulations

FCC Regulations

Warning: The Océ 750 generates, uses, and can radiate radio frequency energy. If it is not installed and used in accordance with the instruction manual, interference with radio communications may result. This equipment has been tested and found to comply with the limits for a Class A computing device, pursuant to Subpart B, Part 15, of FCC rules, which are designed to provide reasonable protection against interference from such equipment when it is operating in a commercial environment.

Users operating this equipment in a residential area are likely to cause interference, in which case they may be required to correct the interference at their own expense.

Canadian Department of Communications Regulations

Le présent appareil n'émet pas de bruits radioélectriques dépassant les limites applicables aux de Classe A prescrites dans le règlement sur la brouillage radioélectrique édicté par Le Ministère des Communications du Canada.

This equipment does not exceed the Class A limits for radio noise emissions as set out in the radio interference regulations of the Canadian Department of Communications.

FDA Regulations

This Printer is certified as a "Class 1" laser product under the U.S.Department of Health and Human Service (DHHS) Radiation Performance Standard according to the Radiation Control for Health and Safety Act of 1968. Since radiation emitted inside this printer is completely confined within protective housings and external covers, the laser beam cannot escape during any phase of normal user operation.

Installation and Power Requirements

A CAUTION:

FAILURE TO HEED THE FOLLOWING CAUTIONS MAY RESULT IN BODILY INJURY AND/OR MACHINE DAMAGE

□ FIRE PREVENTION

Install machine away from flammable or volatile materials. Routinely check for abnormal heat from power cord and/or plug.

□ SHORT CIRCUIT FROM WATER DAMAGE

Do not install or operate this equipment outdoors near a lake, pond, or river, etc.; and do not allow the machine to come in contact with splashes of rain, water, or any liquid.

□ TEMPERATURE AND HUMIDITY

Install the machine away from direct sunlight, heat sources (stoves, heaters) and cold temperatures (air conditioners). Avoid any environment that is outside 50° ~ 86° F (10° ~ 30° C), with 10~80% humidity.

Do not allow the machine to come in contact with dust or ammonia gas, or fumes from printing or cleaning solutions, etc.; otherwise, image quality will be poor. Install the machine in a well-ventilated area, for comfort; otherwise, an ozone odor will be detected during large print runs. When in use, the printer generates ozone in amounts too small to be hazardous to the human body.

□ VIBRATIONS

If the machine is constantly vibrated or jolted, trouble may occur. Install the machine on a level, horizontal floor, free from vibrations.

□ SPACE ALLOTMENT

Install machine in an area with adequate space for performing printer operations, replacing supply items, and conducting preventive maintenance. See Site Requirements, Section 3.

□ MACHINE RELOCATION

Before moving the machine to another location, contact your service representative.



Installation and Power Requirements (continued)

A CAUTION:

FAILURE TO HEED THE FOLLOWING CAUTIONS MAY RESULT IN MACHINE DAMAGE, OVERHEATING, RISK OF ELECTRICAL SHOCK, AND/OR PERSONAL INJURY

D PLUG SOCKET

A plug socket is limited in capacity. Use an exclusive power source for this machine; otherwise, overheating and/or smoking may occur. The total power consumption of the main body, plus all peripherals, must not exceed the capacity of the main power supply. Be sure the socket outlet is near the equipment and is easily accessible.

□ PLUG AND CORD (LEAD)

Unless the power plug is firmly inserted into the socket, an accident from overheating and/or smoking may occur. Firmly insert the power cord plug into the electrical outlet before turning on the printer power switch. If the inserted plug is loose in the socket, disconnect it, and consult an electrician for repair; but, do not attempt to operate the machine. Be sure the socket outlet is near the equipment and is easily accessible.

A damaged power cord may result in overheating, short circuit or fire. Do not bend, crush, wind, kick or strike the cord with any item. Do not roll up the cord. If the main body power cord is bent or damaged, immediately contact your service representative; do not attempt to repair it yourself, or continue to operate the machine.

□ ADAPTERS AND PLURAL LOADS

Never use adapters and never connect plural loads or a branched socket to one socket outlet; otherwise, overheating or fire may occur.

□ EXTENSION CORDS (LEADS)

An extension cord or lead is limited in capacity. Unless the cord or lead has adequate capacity, smoking and overheating may occur. Should smoking and/or overheating occur, contact an electrician immediately. If you require further information about power requirements, power consumption, extension cords, adapters and connectors, please contact your service representative, and consult your electrician.

Machine Handling and Care

A WARNING:

FAILURE TO HEED THE FOLLOWING WARNING MAY RESULT IN DEATH OR SERIOUS INJURY AND/ OR MACHINE DAMAGE

□ MACHINE CONTACT

Never touch internal high voltage area indicated with a WARNING label. Never touch the drum surface. Never put your hand into the developing unit when removing mishandled paper.

FAILURE TO HEED THE FOLLOWING CAUTIONS MAY RESULT IN MACHINE DAMAGE, OVERHEATING, AND/OR PERSONAL INJURY

□ MACHINE CONTACT

Never touch internal high temperature or magnetism areas indicated with a CAUTION label. Never insert your hand into the fixing unit when removing paper. Never touch the inside of the main body for any purpose except moving mishandled paper or adding toner. Use care when withdrawing the conveyance fixing unit.

□ MACHINE CARE

Do not drop paper clips, staples or other small metallic objects into the printer, or spill water or any other liquid into the machine.

Do not use the machine surface to support vases, books, etc. These items will interfere with the work space and may cause damage to the machine or to original documents.

□ ABNORMAL CONDITIONS

If any abnormal sound, odor, or smoke generates from the machine, immediately stop using the printer, turn off the main power switch, disconnect the plug and contact your service representative.

If a circuit breaker is tripped, or if a fuse blows, stop using the machine and contact an electrician. If more detailed information is needed regarding the power source or power consumption of this machine, contact your service representative.

□ MACHINE MODIFICATION

Do not modify the machine in any way or remove any part or screw. Never attempt to perform any maintenance function that is not specifically described in this manual. Do not connect the machine with any options other than those specified.

Routine Safety

A CAUTION:

FAILURE TO HEED THE FOLLOWING CAUTIONS MAY RESULT IN MACHINE DAMAGE, OVERHEATING, AND/OR PERSONAL INJURY

D PERIODIC CHECK

Check for loose connection or excessive heat on power plug, damage to power cord and/or plug (creased, frayed, scratched or cut, etc.). Be sure the plug is inserted fully, and ground wire is connected correctly. If any abnormality occurs, do not continue to operate the machine.

□ SERVICE MESSAGES

If a service message displays, turn the machine off, disconnect the power cord from the outlet, and report the condition to your service representative.

□ TONER

Check to be sure toner in storage is out of the reach of children, or anyone who may be incapable of handling it in a safe manner. Although toner is nontoxic, do not inhale or swallow toner or allow it to come in contact with eyes. If toner is inhaled, consult a physician immediately. If swallowed, drink plenty of water and consult a physician immediately. If eye contact occurs, flush eyes with plenty of water and consult a physician immediately. Please read the material safety data sheet provided with this product for additional toner information.

D PAPER

Check paper to be sure it is according to the specifications outlined in Section 4.

□ CLEANING MATERIALS

Check the type of cleaning material used on your machine to be sure it is recommended by Océ. If necessary, check with your service representative. Never use cleaning materials for purposes other than cleaning, and be sure to keep all cleaning materials out of the reach of children or anyone who is incapable of using them safely.

D POWER SAVER

Use Power Saver mode for short periods of machine inactivity. When not using the machine for long periods of time, turn power off, unless the weekly timer function is operating.

DISPOSAL OF THE PRINTER

Dispose of this printer according to your local regulations.

Finisher Capacity Requirements

A CAUTION:

FAILURE TO HEED THE FOLLOWING CAUTIONS MAY RESULT IN BODILY INJURY AND/OR MACHINE DAMAGE

□ FINISHER PAPER CAPACITY

To prevent paper misfeed, do not exceed the paper capacity of the Finisher. Finisher /Finisher-Binder paper weight: $16 \text{ lb} \sim 24 \text{ lb}$

When the selected print quantity exceeds the maximum paper capacity, remove sheets as they are output from the finisher.

Paper capacities below are stated for 20 lb Bond. This Finisher also accepts the wide orientation of regular sizes stated below.

Finisher: Finisher / Finisher-Folder

Primary (Main) tray: Non-sort/Sort/Group mode

500 sheets (5.5"x8.5"R)

3,000 sheets (8.5"x11", 8.5"x11"R)

1,500 sheets (11"x17", 8.5"x14")

The Secondary (sub) tray can be unloaded while the Océ 750 is running. Set production is not limited by the capacity of the Secondary (sub) tray.

Primary (Main) tray: Staple-Sort mode

1,000 sheets* (11"x17" ~ 8.5"x11"/R)

* The maximum capacity varies according to the number of sheets to be stapled.

Secondary (Sub) tray: Non-sort mode

200 sheets max.

Booklet tray (Finisher-Folder only)

100 sheets max. (11"x17", 8.5"x14", 8.5"x11", A4R) (The maximum number of sheets varies, depending on the number of pages in the booklet and whether Folding or Stapling & Folding is selected.)

Trimmer unit tray (Finisher-Folder with Trimmer unit only)

512 sheets max. (11"x17", 8.5"x14", 8.5"x11", A4R)

(The maximum number of sheets varies, depending on the number of pages in the booklet and whether Folding or Stapling & Folding is selected. See p. 4-7.)

Finisher Capacity Requirements (continued)

A CAUTION:

FAILURE TO HEED THE FOLLOWING CAUTIONS MAY RESULT IN BODILY INJURY AND/OR MACHINE DAMAGE

□ FINISHER-FOLDER MODE OUTLET

Inside the Booklet mode outlet is the roller drive unit. DO NOT put your hand into it when removing the folded or stapled & folded sheet; otherwise you may be injured.

□ FINISHER / FINISHER-FOLDER PAPER EXIT OUTLET

To avoid injury when stapling large size prints, DO NOT put your hand into the open Paper exit outlet.

Section 3: Machine Information

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- Key Operator Functions 3-3
- Service, Repairs and Supplies 3-3
 - Machine Labels 3-3
 - Service Settings 3-4
 - External Machine 3-5
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Machine Information 3-1

Océ 750 Overview

The Océ 750 Printer provides high quality printing suitable for any IBM compatible PC environment. The printer's main body engine works in conjunction with the New Open Architecture (NOA) of the print controller to provide a flexible and modular way of customizing the language interpreter, the I/O and communication, and the system control. NOA supports a modular-based, object-oriented system software that enables you to use the special software modules developed to enhance printing capabilities and/ or adjust the IP system to meet your special requirements.

The built-in electronic recirculating document handler (ERDH) provides dual access capability, enabling the printer to receive a job while another job is printing or rasterizing. This timesaving system allows you to work with optimal efficiency while the printer is operating at peak capacity.

The advanced finishing system of the Océ 750 provides you with the option of sending print jobs to the output tray face down and in correct order.

The Océ 750 printer is perfect for any work environment.

- use it as a non-network printer by connecting it to your PC with standard serial or parallel port cabling.
- install the optional network interface card and use it as a standard network printer supporting NetWare, AppleTalk (EtherTalk) or TCP/IP.
- install the Océ 750 as a high-end network printer in an AS 400/IBM Host Environment.

Highlights of the Océ 750 include:

- 75 ppm
- 400/600 dpi
- duplex mode
- 3 standard paper trays plus a Multi-sheet bypass tray
- LCT, Finisher and Trimmer Unit and Punching Unit

³⁻² Machine Information

Océ 750 Overview (continued)

Key Operator Functions

Access to the Key Operator mode may require entry of a Key Operator password previously set by your service representative. A Key Operator may make various custom settings that affect printer functions. We recommend using a password to limit access to the Key Operator mode to an authorized person.

Service, Repairs & Supplies

Service and repairs should be performed only by an authorized service representative. To maintain personal safety and to avoid machine damage, never disassemble the machine for any reason. To ensure optimal printing quality, use only supplies that are recommended by Océ USA, Inc. and Océ Printing Systems USA, Inc. Use the convenient form located at the end of the section to record all service, repair, and supply orders.

Machine Labels

Machine labels are affixed to provide quick and easy instructions on loading paper, adding toner, and clearing mishandled paper. Machine safety labels, affixed to key areas of the internal machine, provide cautionary information to prevent personal injury or damage to the equipment. Sample machine safety labels are shown in the *Safety Information* section.

Océ 750 Overview (continued)

Service Settings

Setting changes for the following functions can be made by your service representative.

Finisher-Paper Capacity

In the default condition, the Océ 750 will produce unlimited sets. If required, your service representative can set the printer to stop printing when the number of prints exceeds specified capacity.

Key Operator Password

Your service representative can set a 4-digit Key operator password to access the Key Operator Mode Screen.

After this setting is made, a Password Entry Screen will be displayed when Key Operator mode is selected from the Help Screen. The user or Key Operator will be required to enter the valid Key Operator password before accessing the Key Operator Mode Screen. It is recommended that the Key Operator password be noted and kept in a secure place in the event it is forgotten. Otherwise, you will be required to contact your service representative to obtain a password.

Weekly Timer

Your service representative can set a 4-digit Weekly timer **master key code** to enable the Key Operator to gain access to the Weekly Timer Setting Menu Screen.

After this setting is made, the Weekly Timer Master Key Code Screen will be displayed and will always require entry of the set Weekly Timer master key code to access the Weekly Timer Setting Menu Screen.

Your service representative can set the Weekly Timer system to display the Weekly Timer key on the Help Screen which enables you to view Weekly Timer settings.

Staple Sheet Capacity

Staple capacity is changeable, and may be set to 45, 40, or 35 by your service representative.

Notice Message for ADD TONER/ PM CALL

Your service representative can set the printer message area to display "ADD TONER" when the toner supply is low, or "PM CALL" when preventive maintenance is required.

External Machine



- 1 Multi-sheet bypass tray used for small quantity printing onto plain paper or special paper.
- 2 LCT top door opens to allow loading paper.
- 3 Tray 4: Large capacity tray (8.5 x 11) option holds 4,000 sheets.
- 4 LCT left side door opens to allow removal of mishandled paper.
- 5 Right side door opens to allow removal of mishandled paper.
- 6 Tray 3 (universal tray) is user adjustable and holds 1,000 sheets of either 11"x17"/8.5"x14"/ 8.5"x11"R or 5.5"x8.5".
- 7 Tray 2 (universal tray) is user adjustable and holds 500 sheets of either 11"x17"/8.5"x14"/ 8.5"x11"R or 5.5"x8.5".
- 8 Tray 1 (universal tray) is user adjustable and holds 500 sheets of either 11"x17"/8.5"x14"/ 8.5"x11"R or 5.5"x8.5".

NOTE: Tray 1, 2, 3, and 4 are available for loading wide types of the regular sizes specified above.

- 9 Left door opens together with the front door to allow removal of mishandled paper.
- **10** Front door opens to the internal printer to allow clearing of mishandled paper and replenishing of toner.
- 11 Left side cover opens to allow removal of mishandled paper.
- **12 Power switch** turns printer power On/Off when pressed.
- **13 Trimmer unit** (See next page.)
- 14 Trimmer stacker cover (See next page.)
- **15 Finisher / Finisher-Folder** (option) sorts, staple-sorts, and groups into finished sets. Finisher-Binder also folding or stapling & folding prints into booklet-styled sets.
- 16 LCD touch screen displays interactive operation screens.
- 17 Control panel controls printer operations.

External Machine (continued)



- 2 LCT top door opens to allow loading paper.
- 3 Tray 4: Large capacity tray (11 x 17) option holds 4,000 sheets.
- 4 LCT left side door opens to allow removal of mishandled paper.
- **13 Trimmer unit** (option) trims the end of booklet.
- 14 Trimmer stacker cover opens to allow you to take out the finished sets.
- **15 Finisher / Finisher-Folder** (option) sorts, staple-sorts, and groups into finished sets. Finisher-Binder also folds or staples & folds prints into booklet-styled sets.
- **16 Punching unit** (option) punches file holes in the output prints.

Internal Machine



- 1 Toner bottle holds toner and must be replaced when refilling toner.
- **2** Toner unit holds the toner supply.
- 3 Drum unit forms the print image.
- 4 Lever A can be moved to withdraw the conveyance fixing unit for removal of mishandled paper.
- **5 Conveyance/Fixing unit** passes the paper through the drum unit, and fuses the toner onto the print paper, and must be withdrawn for removal of mishandled paper.
- 6 Knob can be turned to ease removal of mishandled paper from the fixing unit.
- 7 Fixing part
- 8 Conveyance part

Standard Equipment

Main Body with 3 Paper Trays (500/500/1,000 sheets) Automatic Duplex Unit (ADU) Multi-Sheet Bypass Tray (150 Sheets)

Optional Equipment

Finisher (with 2 exit trays)

Secondary (sub) tray with 4 output types specified on Finisher Mode Selection Screen

(1) Face down non-sort exit

(2) Face up non-sort exit

(3) Face down group exit

(4) Face up group exit

Primary (main) tray with 4 output types specified by STAPLE SORT and SORT keys on the Basic Screen and by the setting on the Finisher Mode Selection Screen. Face up exit is not available.

(1) Sort exit

- (2) Staple sort exit
- (3) Non-sort exit

(4) Group exit

Finisher-Folder (with 3 exit trays and a cover sheet feeder option)

Secondary (sub) tray with 4 output types specified on Finisher Mode Selection Screen (1) Face down non-sort exit

(2) Face up non-sort exit

(3) Face down group exit

(4) Face up group exit

Primary (main) tray with 4 output types specified by STAPLE SORT and SORT keys on the Basic Screen and by the setting on the Finisher Mode Selection Screen. Face up exit is not available.

(1) Sort exit

(2) Staple sort exit

(3) Non-sort exit

(4) Group exit

Booklet tray: Stapled and folded, or simply folded booklets are to be delivered onto this tray.

Trimmer unit tray: This tray is attached to a trimmer unit (option) installed on the stapler finisher-binder. Folded or stapled and folded trimmed booklets are delivered to this tray.

3-8 Machine Information

Optional Equipment (continued) Punching Unit Cover Sheet Feeder (Post Inserter) Trimmer Unit Large Capacity Tray (8.5 x 11) (4,000 sheets) Large Capacity Tray (11 x 17) (4,000 sheets) Expanded Memory Unit-64MB /128MB Network Print Controller 75 PostScript 3 Enabler 75 Ethernet Card 75

Optional Equipment (continued)

Finisher/Large Capacity Tray



3-10 Machine Information

Optional Equipment (continued)

Trimmer Unit



Optional Equipment (continued)

Punching Unit



3-12 Machine Information

Site Requirements



Océ 750 + Finisher/Finsher-Folder + Large Capacity Tray (8.5 x 11)



Océ 750 + Finisher-Folder + Punch Unit + Trimmer Unit + Large Capacity Tray (11 x 17)

NOTES:

- 1 Dimensions are in inches with millimeters included in parentheses.
- 2 The Finisher main tray of the Finisher / Finisher-Folder gradually goes down while printed material is output. DO NOT allow any object to interfere with the operation of the tray on the left side of the finisher, as interference may cause damage to the finisher.

Specifications

Product Name	Océ 750 Printer
Engine Type	Dual Beam Laser, Electrostatic
Engine Speed	75 pages per minute (400dpi) 55 pages per minute (600dpi)
Recommended Operating Environment	50°~86°F (10°~30°C); 10~80% Relative Humidity
Warm Up	Approx. 6 min. @68°(20°C); 50% Relative Humidity
Voltage	208 ~ 240V AC ± 10%
Current	17.6A Dedicated line recommended
Frequency	50Hz/60Hz
Grounding	Isolation recommended
Termination	NEMA Type 6-20R receptacle (250V, 2-pole, 3-wire, grounded)
Power Consumption	Max. 3,840 VA (full option)
Noise Level (full system)	Approx. 78 dB (A) or less, during printing
Main Body Safety Standard	UL 1950; CSA 22.2 No. 950 -95
Radio Interference	FCC Rules part 15, sub-part B Class A IC: ICES CSA C108.8 Class A
Laser Safety Standard	FDA: CFR1040
Toner	Black, cartridge type
Paper Source	Main body trays 1/2/3; 500/500/1,000 sheets LCT tray 4; 4,000 sheets Multi-sheet bypass tray; 150 sheets Tray 1/2/3 user adjustable Tray 4 adjusted by service
Paper Exit Tray	150 sheets (20 lb)

Specifications subject to change without notice.

3-14 Machine Information

Specifications (continued)

Paper Weight 20 lb~24 lb bond recommended (Max. range: 16 lb~45 lb in 2-2 mode 16 lb~110 lb (200g/m² thick paper) in 1-1mode OHP sheet, Transparency, Labels, Tab, 3-hole Options Finisher / Finisher-Folder Cover Sheet Feeder (Post Inserter) Trimmer Unit Large Capacity Tray (LCT) (8.5 x 11) Large Capacity Tray (LCT) (11 x 17) Expanded Memory Unit (64MB) (128MB) Network Print Controller PostScript Unit Network Board Machine Weight 572 lb (260 kg) +110 lb (50 kg) w/Stapler-Finisher +66 lb (30 kg) w/Large Capacity Tray Machine Dimensions Main Body Width: 34.9 in. (887mm) Depth: 30.5 in. (775mm) Height: 39.0 in. (990mm) Stapler-Finisher (Finisher / Finisher-Folder) Width: 21.4 in. (544mm) Depth: 25.8 in. (656mm) Height: 43.1 in. (1095mm) Cover Sheet Feeder (Post Inserter) Width: 13.0 in. (330mm) Depth: 18.0 in. (456mm) Height: 4.7 in. (120mm) Trimmer Unit Width: 44.0 in. (1117mm) Depth: 23.8 in. (604mm) Height: 22.1 in. (562mm) Punching Unit Width: 6.7 in. (169mm) Depth: 26.0 in. (660mm) Height: 39.0 in. (990mm)

Specifications subject to change without notice.

Machine Information 3-15

Specifications (continued)

Automatic Duplex Unit (ADU)	Paper size: 11"x17", 8.5"x14", 8.5"x11", 5.5"x8.5" Paper weight: 16~45 lb Paper curl limit: 20 mm or less Non-stack type
Stapling (Finisher/Finisher-Folder)	Power source: Main body
	Non-sort/Sort/Group mode: 500 sheets 5.5"x8.5"R 3000 sheets 8.5"x11"/R 1500 sheets 11"x17", 8.5"x14" Size 11"x17" ~ 5.5"x8.5"R
	 Staple-sort mode: 1000 sheets* Size 11"x17" ~ 8.5"x11"/R, 5.5"x8.5" * Variable according to the number of pages to be stapled. See p. 4-4 for detail.
	Folding/Stapling & Folding mode w/Finisher- Binder - 100 sheets* Size 11"x17", 8.5"x14", 8.5"x11"R, A4R (8.27"x11.69", 210mmx297mm) * The maximum number of sheets varies depending on pages of a booklet and selecting either the Folding or Stapling & Folding. See p. 4-5.
Staple Cartridge	5000 staples/cartridge
Cover Sheet Feeder (Post Inserter)	Paper size : 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, 5.5"x11", 5.5"x11"R, A4, A4R (8.27"x11.69", 210mmx297mm) Paper weight in cover sheet mode: 13 ~ 110 lb (200g/m ² thick paper) Paper weight in manual staple: 16 ~ 24 lb

Specifications subject to change without notice.

3-16 Machine Information
Machine Information

Specifications (continued)

Trimmer Unit	Paper size : 11"x17", 8.5"x14", 8.5"x11"R, A4R (8.27"x11.69", 210mmx297mm) Paper weight : 16 ~ 45 lb * One 110 lb cover paper (200g/m ² thick paper) is available. Number of trimmed sheets : 3 sheets max. with Folding mode 16 sheets max. with Stapling & Folding mode (15 sheets max. when using a thick cover) Trimmed width : 10 mm max. Stack capacity : 512 sheets max. * The maximum number of sheets varies, depending on the number of pages in the booklet and whether Folding or Stapling & Folding is selected. Power source: supply from outlet
Punching Unit	Paper size: 11"x17", 8.5"x11" Paper weight: 16~45 lb Number of hole: 3 holes Hole diameter: $0.35" \pm 0.020"$ (8mm ± 0.5 mm) Hole pitch: 4.252" $\pm 0.020"$ (7mm ± 0.5 mm) Weight: 77 lb (35 kg) Power source: supply from outlet
Large Capacity Tray (8.5x11)	Plain paper (16~110 lb (200g/m ² thick paper)) Paper size: 8.5"x11", A4 Dimensions: Width 16.9 in (430 mm) Depth 25.2 in (639 mm) Height 27.2 in (690 mm) Weight: 66 lb (30 kg) Power source: supply from main body
Large Capacity Tray (11x17)	Paper type: Plain paper (16~110 lb (200g/m ² thick paper)) Paper size: 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, A3, B4, A4, A4R, F4 Dimensions: Width 26.4 in (670 mm) Depth 25.2 in (639 mm) Height 27.4 in (695 mm) Weight: 92.4 lb (42 kg) Power source: supply from main body

Specifications subject to change without notice.

Machine Information 3-17

Section 4: Media Information

Main Body	Trays	4-2
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- Large Capacity Tray (8.5 x 11) (Option) 4-3
- Large Capacity Tray (11 x 17) (Option) 4-3
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- Multi-Sheet Bypass Tray and Tab Sheets 4-4
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 - Paper Weight Compatibility Chart 4-9

Main Body Trays

Standard Paper Size: 11"x17", F4, 8.5"x14", 8.5"x11", 8.5"x11"R, 5.5"x8.5", A3, B4, A4, A4R, B5, B5R, A5 (user-adjustable)

- NOTES: F4: 8"x13", 203mm x 330mm A3: 11.69"x16.54", 297mm x 420mm B4: 10.11"x14.33", 257mm x 364mm A4: 8.27"x11.69", 210mm x 297mm B5: 7.17"x10.11", 182mm x 257mm A5: 5.85"x8.27", 148mm x 210mm
 - 5.5"x8.5"/A5 print paper is available in portrait orientation loading only.

Wide Paper Size: 11"x17"W, 8.5"x11"W, 8.5"x11"WR, 5.5"x8.5"W, A3W, B4W, A4W, A4WR, B5W, A5W (user-adjustable)

- NOTES: 8.5"x14"W print paper is not available.
 - Wide paper size setting for each tray can be made in the Key Operator mode. See p. 8-16 ~ p. 8-17.
- Paper Weight: General tray; 16~24 lb Tray specified in Thick 1; 25~45 lb Tray specified in Thick 2; 46~110 lb (200 g/m² thick paper) (1-1 or 2-1 print mode only)
- NOTE: Paper type setting (Thick 1 or Thick 2) for each tray can be made in the Key Operator mode. See p. 8-16 ~ p. 8-17.
- Total Paper Capacity: 2,150 sheets, including 150-sheet Multi-Sheet Bypass Tray Tray 1/2: 500 sheets 20lb/ user-adjustable to any standard/wide size from 11"x17"/W~5.5"x8.5"/W Tray 3: 1,000 sheets 20lb/ user-adjustable to any standard/wide size from 11"x17"/W~5.5"x8.5"/W

Large Capacity Tray (8.5 x 11) (Option)

Standard Paper Size: 8.5"x11" or A4 (service-adjustable) Wide Paper Size: 8.5"x11"W or A4W (service-adjustable)

Paper Weight: 16~24 lb LCT in Thick 1: 25~45 lb LCT in Thick 2: 46~110 lb (200 g/m² thick paper) in 1-1 mode only NOTE: Paper type setting (Thick1 or Thick 2) for LCT can be made in the Key Operator mode. See p. 8-16 ~ p. 8-17.

Total Paper Capacity: 6,150 sheets, including three Main body trays, 150-sheet MultiSheet Bypass Tray and 4,000-sheet optional LCT.

Tray 4 (LCT): 4,000 sheets 20 lb/ fixed to standard/wide size 8.5"x11"/W or A4/W

Large Capacity Tray (11 x 17) (Option)

Standard Paper Size: 11"x17", F4, 8.5"x14", 8.5"x11", 8.5"x11"R, A3, B4, A4, A4R (service-adjustable)
Wide Paper Size: 11"x17"W, F4W, 8.5"x14"W, 8.5"x11"W, 8.5"x11"WR, A3W, B4W, A4W, A4WR (service-adjustable)
Paper Weight: 16~24 lb LCT specified in Thick 1; 25~45 lb LCT specified in Thick 2; 46~110 lb (200 g/m² thick paper) (1-1 or 2-1 copying only)
NOTE: Paper type setting (Thick1 or Thick 2) for LCT can be made in the Key Operator mode. See p. 13-24 ~ p. 13-25.
Total Paper Capacity: 6,150 sheets, including three Main body trays and 150-sheet Multi-Sheet Bypass Tray Tray 4 (LCT): 4,000 sheets 20 lb/ fixed to standard/wide size 11"x17"/W, F4/W, 8.5"x14"/W, 8.5"x11"/W, 8.5"x11"R/W, A3/W, B4/W, A4/W, or A4R/W

NOTE: Reliability and print quality are not guaranteed for all Special papers. Use only paper that is recommended by Océ.

Automatic Duplex Unit

Standard Paper Size: 11"x17"~5.5"x8.5"

Wide Paper Size: 11"x17"W~5.5"x8.5"W NOTE: 5.5"x8.5"/W print paper is available in portrait orientation feeding only.

Paper Weight: 16~45 lb

Multi-Sheet Bypass Tray

Loading Paper Size:

Max. 12.36"x17.52" (314mm x 445mm) ~ Min. 3.94"x5.83" (100mm x 148mm)

Specified Size Automatically: 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, 5.5"x8.5", 5.5"x8.5"R, A3, B4, A4, B5, B5R Specified Size Manually / STD Size (Special) : F4, A4R, A5, A5R

Specified Size Manually / Wide Paper: 11"x17"W, 8.5"x11"W, 8.5"x11"WR, 5.5"x8.5"W,

5.5"x8.5"WR, A3W, B4W, A4W, A4WR, B5W, B5WR, A5W, A5WR

Paper Weight: 16~45 lb (duplex (1-2 and 2-2) print mode) Special (OHP transparencies, labels, hole punch, rag content)

Multi-Sheet Bypass Tray Capacity: 150 sheets 20 lb stacked: single feed special stock

NOTE: Reliability and print quality are not guaranteed for all Special papers. Use only paper that is recommended by Konica.

Finisher / Finisher-Folder (Option)

In-Bin Stapler Finisher / Finisher-Binder accepts LEDGER (11"x17"), LEGAL (8.5"x14") and LETTER/R (8.5"x11"/R) standard/wide paper sizes (5.5"x8.5"R/W in Non-sort, Sort or Group mode).

Primary (Main) Tray

In-Bin Stapler Finisher / Finisher-Folder (capacities at 20lb, unless otherwise indicated)

Non-sort/Sort/Group mode:

500 sheets 5.5"x8.5"/5.5"x8.5"W, 5.5"x8.5"R/5.5"x8.5"WR (A5/A5W, A5R/A5WR) 3,000 sheets 8.5"x11"/8.5"x11"W, 8.5"x11"R/8.5"x11"WR (A4/A4W, A4R/A4WR, B5/B5W, B5R/B5WR)

1,500 sheets 11"x17"/11"x17"W, 8.5"x14" (A3/A3W, B4/B4W)

Staple-sort mode:

1,000 sheets* 11"x17"/11"x17"W, 8.5"x14", 8.5"x11"/8.5"x11"W, 8.5"x11"R/ 8.5"x11"WR

NOTE: (*)Variable according to the number of pages to be stapled. See the table below.

Paper Capacity for Staple-sort mode of Finisher/Finisher-Folder

(for	the	same	size	only)
				1	

	11"x17"/11"x17"W (A3/A3W)		8.5"x14", 8.5"x11"/8. 8.5"x11"R/8.5"x11"W A4/A4W, A4R/A4WR	5"x11"W, /R (B4/B4R, 8, B5/B5W, A5/A5W)
No. of prints	2 staples	1 staple	2 staples	1 staple
2~9	50 sets	50 sets	100 sets	100 sets
10~20	50	50	50	50
21~30	30	30	30	30
31~40	25	25	25	25
41~50	20	20	20	20

Secondary (Sub) Tray

In-Bin Stapler Finisher / Finisher-Folder (capacities at 20lb, unless otherwise indicated)

200 sheets; max. 12.36"x17.52" (314mmx445mm) ~ min. 3.94"x5.83" (100mmx148mm)

CAUTION:

When the selected print quantity exceeds the Finisher's maximum capacity, remove the printed sheets while paper is exiting to avoid paper mishandling.

Finisher / Finisher-Folder (Option) (continued)

Finisher / Finisher-Folder Booklet Tray

Folding mode:

Standard Paper Size	: 11"x17", 8.5"x14", 8.5"x11"R, A3, B4, A4R
Wide Paper Size	: 11"x17"W, 8.5"x11"WR, A3W, B4W, A4WR
Paper Weight	: 16 ~ 24 lb
Number of Folded Sheet	: 3 sheets max.
Booklet Tray Capacity	: Approx. 100 sheets max.
	33 sets max. of 3-sheet-folded booklet
	(33 x 3 = 99 sheets)
	50 sets max. of 2-sheet-folded booklet
	(50 x 2 = 100 sheets)
Stapling & Folding mode:	
Standard Paper Size	:11"x17", 8.5"x14", 8.5"x11"R, A3, B4, A4R
Wide Paper Size	: 11"x17"W, 8.5"x11"WR, A3W, B4W, A4WR
Paper Weight	: 16 ~ 24 lb
Number of Folded Sheet	: 16 sheets max. (using 20lb paper only)
	15 sheets max. (a thick cover paper included)
Booklet Tray Capacity	: Approx. 100 sheets max.
	20 sets max. of 5-sheet-folded booklet
	$(20 \times 5 = 100 \text{ sheets})$
	10 sets max. of 10-sheet-folded booklet
	$(10 \times 10 = 100 \text{ sheets})$
	6 sets max. of 16-sheet-folded booklet
	$(6 \times 16 = 96 \text{ sheets})$

A CAUTION:

Inside the Booklet mode outlet is the roller drive unit. DO NOT put your hand into the roller drive unit when removing folded or stapled & folded sheets; otherwise you may be injured.

Cover Sheet Feeder (Post Inserter) (Option)

 Standard Paper Size : 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, 5.5"x8.5", A3, B4, A4, A4R, B5, A5

 Wide Paper Size : 11"x17"W, 8.5"x11"W, 8.5"x11"WR, 5.5"x8.5"W, A3W, B4W, A4W, A4WR, B5W, A5W

 Paper Weight in Cover Sheet Mode : 13 ~ 110 lb (200g/m² thick paper)

 Paper Weight in Manual Staple : 16 ~ 24 lb

Paper in Punching Unit (Option)

Paper Size	: 11"x17", 8.5"x11"
Paper Weight	: 16 ~ 45* lb
Number of Punch Holes	: 3
Hole Diameter	: 0.315" \pm 0.020" (8.0 mm \pm 0.5 mm)
Hole Pitch	: 4.252" \pm 0.020" (108 mm \pm 0.5 mm)

* : Some 45 lb paper types may not be punched easily.

NOTE: Punching special paper will cause machine trouble.

Paper in Trimmer Unit (Option)

Trimming mode:

Paper Size	: 1"x17", 8.5"x14", 8.5"x11"R, A4R : 16 ~ 24 lb (One 46 ~ 110 lb sheet only used as a cover)
Number of Trimmed Sheet	~ 3 sheets max, with Folding mode
Number of Thinned Sheet	
	16 sheets max. using 20 lb paper only with Stapling &
	Folding mode
	15 sheets max. using one cover sheet with Stapling &
	Folding mode
Trimming Width	: 10 mm max.
Trimmer Unit Tray Capacity	Approx. 512 sheets max.
	100 sets max. of 2~5-sheet-folded booklet
	50 sets max. of 6~10-sheet-folded booklet
	32 sets max. of 11~16-sheet-folded booklet

Paper Supply Message

When the paper size specified by the driver is not set in the tray or when paper runs out, the following message is displayed on the screen. In addition, the tray size indicator and the paper supply indicator will blink in the Tray size area of the screen.

NO.	USER NAME	STATUS	OUTPUT	TOTAL PAGE(S)	PAGE(S) I	INUTE(S)	TRAY	SIZE
1		NO PAPER		20	100	2		٦
2		RESERVE	-	10	10	1		
3		RESERVE	仚	20	20	1		E8.5×11R
							³ 8.5×11 ⊫	⁴ 8.5×11 ↓

The paper types specified for the main body trays and LCT (trays 1/2/3/4) are set in the Key Operator mode. The following eleven paper types can be displayed:

Main body tray	/S				
[THICK1]	[THICK2]	[THIN] [USER]	[TABPAPE	R]
[NORMAL]	[RECYCLE]	[COLOR]	[SPECIA	L] [FINE]	[SEAL]

Paper types specified for the Multi-sheet bypass tray are specified by selecting the key on the Paper Type/Size Selection Screen. The following six paper types can be displayed:

Multi-sheet	bypass tray	/			
[THICK]	[THIN]	[TAB]	[OHP]	[TRACE]	[USER]

Paper Weight Compatibility Chart

Main Body Trays	All Trays: 16 ~ 24 lb Tray specified in Thick 1: 25 ~ 45 lb Tray specified in Thick 2: 46 ~ 110 lb (200g/m ² thick paper) in 1-1 or 2-1 only
Large Capacity Tray	16 ~ 24 lb LCT specified in Thick 1: 25 ~ 45 lb LCT specified in Thick 2: 46 ~ 110 lb (200g/m ² thick paper) in 1-1 or 2-1 only
Automatic Duplex Unit	16 ~ 45 lb
Multi-Sheet Bypass Tray	16 ~ 45 lb
Finsher/Finisher-Folder	13 ~ 110 lb (200g/m ² thick paper)
Post Inserter 75	13 ~ 110 lb (200g/m ² thick paper)
Punch Unit 75	16 ~ 45* lb
Trimmer Unit 75	16 ~ 45 lb (One 110 lb sheet only used as a cover.)

*: Some 45 lb paper types may not be punched easily.

NOTE: Reliability and print quantity are not guaranteed for all Special papers. Use only paper that is recommended by Konica.

Media Information 4-9

Section 5: Printing Operations

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Printing Operations 5-1

Introduction

The Océ 750 printer control panel screen described in this section includes the LCD display screen, basic control panel operations and a sampling of screen messages you will encounter when using this printer.

Technical details of the LCD as well as a complete Message List can be found in the Service Manual.

Wake Up Screen

The Wake Up Screen displays immediately after the printer is turned on. Then a Waitfor-a-while screen displays while the printer initializes memory data.

The sequence is as follows:

[OFF Power]

[Power ON]

[Konica Wake Up Screen]

[Konica Warm Up Screen]

Warm Up Screen

When initialization is completed, the Warm Up Screen displays with several animated pictures corresponding to the fixing temperature. Once the Warm Up Screen changes, as a result of normal user operations, you will not return to the Warm Up Screen again.

Control Panel



The control panel is user-friendly and easy to operate. On the right are the Weekly Timer indicator and buttons to select [POWER SAVE ON/OFF], [STOP/PAUSE] and [START] keys.

The keypad is used by service personnel to perform technical functions. On the left are keys for displaying the Check Mode and the Help Mode. The LCD screen at the far left displays machine status, printing status and Help information.

The Basic Screen

The Basic Screen consists of a Message Area, Icon area and Job Control area. The Basic Screen normally looks like the sample screen below. The message area at the top displays two lines of information, each with a maximum of 40 alphanumeric characters.

The icon area in front of ADD TONER, PM CALL and MEMORY displays controller status, such as, [WAITING], [INITIAL], [PRINT], [ERROR], and [IDLE].

	Print	ing in pro	gress		回 PB	INT C	ADD TONER	PPMCALL MEMORY 90%
	NO.	USER NAME	STATUS	OUTPUT	TOTAL PAGE(S)	PAGE(S)	MINUTE(S)	TRAY SIZE
This portion	1		PRINTING		20	100	2	
of the screen	2		RESERVE		10	10	1	
displays the	3		RESERVE	①	20	20	1	2 11×17
status								RECYCLE 48.5×11 +
regarding								8.5×11
Job								
Control	PRIO				DOMPLETE	SET	ANGE	

Check Mode Message

When the temporary stop function is specified by the driver, the following message displays on the Basic Screen.

Che Prin	ck mode it Start	=> Press => Press	CHECK START	 。wa	JTING 👗A	DD TONER		10RY 90%
NO.	USER NAME	STATUS	OUTPU	TOTAL I PAGE(S)	PAGE(S) N	MINUTE(S) To go	TRAY	SIZE
1		STOP	۵	20	100	2		
2		RESERVE	:	10	10	1		
3		RESERVE	仚	20	20	1		E8.5×11R
							³ 8.5×11 ⊨	⁴ 8.5×11 ↓
JC			EVIOUS	JOB LIST	CHAI	NGE	-	

When the [CHECK] key is pressed the Printer Check Screen will be displayed. When the [START] key is pressed, printing will begin.

Check Mode Screen

When you press the [CHECK] key on the control panel, the Printer Check Mode Screen displays as shown below. You may view the list, which is displayed in real time.

PRINTER CHECK MODE & BASIC MODE	
Number of pages 50	
Print Quantity 100	
Duplex Mode Simplex	
Paper Size 8.5×11	
Select Tray Tray 1	
Paper Type Recycle	
Dutput Mode Staple+Sort	
	CHANGE SETTING PROOF COPY EXIT

Touch the **CHANGE SETTING** key to display the Change Setting Screen. Make setting changes and press **OK**.

Touch the **PROOF COPY** and output only one set of the print quantity amount, whether a change has been made or not. Then press the [START] key to print out the remaining quantity.

5-4 Printing Operations

Reservation List

Screen Display

The reservation list screen displays after the main power switch is turned on and warm up is completed. When no Job is reserved, the screen looks like the screen shown below. Notice that the **JOB PRIORITY** key and the **JOB DELETE** key are shaded, which means they do not function.

Rea	dy to print			P D	LE 🖾 ADD TO	NER 🅈 PI	M CALL ME	MORY 100%
NO.	USER NAME	STATUS	OUTPUT	TOTAL P PAGE(S)	LEFT TO G	IE(S) iO	TRAY	SIZE
1	*** RESER\	ED JOB DOE	S NOT EXIS	T***				
						2	A4 NORMAL⊟ 11×17 RECYCLE 8.5×11 ⊟	[±] 8.5×11R ⁴ 8.5×11 ↓
JC				OF LUST	CHANGE			

No Jobs Reserved

Help Mode

Use the [HELP] key to access information about the current screen mode and to learn about setting procedures. The [HELP] key can be pressed from any screen except Key Operator Screens.

The Help Screen includes the Help menu icon in the center. When the **HELP MENU** key is touched, the Help Menu Screen displays a list of all of the printer functions. When a function item is touched, the Help Screen displays information specific to that topic.

The **KEY OPERATOR MODE** key is also provided in the lower left position of the Help Screen. When touched, the Key Operator Password Entry Screen will be displayed to access the Key Operator mode. See p. 8-2.



Control panel contrast key Weekly Timer key

Printing Operations 5-5

Change Job Order

When a reserved Job is listed on the screen, you may select the Status display key to highlight the Job and then press the Job Priority key to change the order of priority. (See screens below.)

NO.	USER NAME	STATUS	OUTPUT	TOTAL PAGE(S)	PAGE(S) N	AINUTE(S) To go	TRAY	SIZE
1		PRINTING		20	100	2		
2		RESERVE		10	10	1		
3		RESERVE	食	20	20	1	2 11×17	^E 8.5×11R
								⁴ 8.5×11

Screen without Job Priority change

Screen with Job Priority change

JOB of pr	can be dele riority	eted or cha	nged the o	order 믜 며	INT 🖾 A	DD TONER		90%
NO.	USER NAME	STATUS	OUTPUT	TOTAL PAGE(S)	PAGE(S) P	MINUTE(S)	TRAY SIZE	
1		PRINTING		20	100	2		
3		RESERVE	贪	20	20	1		
2		RESERVE		10	10	1		11R
							³ 8.5√11 ⊨	11 🕂
]
	DB JC RITY DEL			COMPLETE	CHA			

Note that it is not possible to change the priority of a Job in the process of printing.

Job Deletion

Touch the Status key to highlight a Job, then touch the **JOB DELETE** key to delete the Job. Before the Job is deleted, a pop up screen allows you to confirm the deletion.

Touch **YES** to delete the Job. Touch **NO** to keep the Job. Keep in mind that a Job in progress and a Job in data transmission cannot be deleted.

NO.	USER NAME	STATUS	OUTPUT	TOTAL PAGE(S)	PAGE(S) N	(INUTE(S) TO GO	TRAY SIZE
1		PRINTING		20	100	2	
2		RESERVE		10	10	1	
3		RESERVE	①	20	20	1	2 11×17
							³ 8 5.11

Job Selected for Deletion

Pop Up Screen Confirmation

of priority NO. USER NAM	E		回 PRI	NT LADD TONER '	PMCALL M	MORY 90% SIZE
1 2 3	Do you wa	ant to dele	te the JC)B "****"?		([±] 8.5×11R
	YES	N				⁴ 8.5×11 ↓
			COMPLETE	CHANGE		-

Screen Displayed After Deletion

	2					516175	VJENNAME	NO.
) 2	100	20		PRINTING		1
) 1	10	10	Ε	RESERVE		2
2 11×17								
8.5×11								
	E							

Previous Job List

The previous Job list can be displayed by pressing the Previous Job List key at the bottom of the screen. The sample below shows that four previous Jobs per screen can be displayed. If more Jobs are able to be displayed, up and down arrow keys will become available at the bottom of the screen. Use these keys to scroll back and forth to display a maximum of sixteen Jobs, four Jobs per screen. When you touch **OK**, the Reservation List screen displays.

PRE	VIOUS JOB	LIST DISPL	٩Y		
NO.	USER NAME	STATUS	OUTPUT	TOTAL PAGE(S) PAGE(S) COMPLETE	TRAY SIZE
1		COMPLETE		20 100	
2		COMPLETE	:	10 10	
3		COMPLETE	仚	20 20	
4		COMPLETE	-	10 10	³ 8.5×11 ⊨
					ОК

Change Setting

While printing in the Staple Sort mode, printing will stop and the machine will go into the wait mode in the event the machine detects mixed originals with different widths that cannot be stapled. The **CHANGE SETTING** key enables you to change the setting and restart the Job. Touch the **CHANGE SETTING** key, change the setting, then touch **OK**. When the Reservation List screen reappears, press [START] key to restart the Job.

NO.	USER NAME	STATUS	OUTPUT	PAGE(S)	PAGE(S) M	TO GO	TRAY	SIZE
1		STOP		20	100	2)		1
2		RESERVE		10	10	1		
3		RESERVE	仚	20	20	1	² 11×17	^E 8.5×11R
								⁴ 8.5×11 ∣

Waiting screen alternately displays "Print on Letter if you restart the Job."

Touch "OFF" to change the mode.



After changing the setting, the job is ready to be printed.

Rea	dy to prin	t			LITING UT		₹ PMCAU	мемор	V 90%
NO.	USER NAME	STATUS	OUTPUT	TOTAL PAGE(S)	PAGE(S) LEFT	MINUTE(S: TO GO		TRAY SIZ	E.
1		IDLING	1	20	100	2			
2		RESERVE	-	10	10	1	1 44		
3		RESERVE	仚	20	20	1	2 11>		.5×11R
							RECY 3 R F.		.5×11 낻
JC		PRE	VIOUS NO	ICOMPLETE	CHA	NGE			
(Salo						TING			

Print Size

Selecting Paper Type/Size for Multi-Sheet Bypass Tray

- 1 Open the Multi-sheet bypass tray, and load the print paper on the tray. See p. 7-4, p. 7-7 for further details.
- 2 Touch Bypass key, then touch **PAPER TYPE/SIZE**. The Paper Type/Size Selection Screen will be displayed.
- 3 Touch the desired key.

Basic Screen	Paper Type/Siz	ze Selection Scre	en	
PMCALL MEMORY 90%	Please select t	ype of special pape	JOB 10	
	Thick	онр 😡	STD size	It is auto detect in the case of [STD size]
	Thin 🗍	Trace	STD size (special)	
² 11×17 <u>RECYCLE</u> ³ 85×11 ⊨	Tab paper 🄀	User 🔯	Non STD size	Ŵ
			Wide paper	Ĩ

• When **Thick**, **Thin**, **Tab paper**, **OHP**, **Trace**, or **User** is highlighted, a printing job will be performed conforming to the selected paper type.

If no paper type indication is needed, touch the highlighted key to clear the selection in the TYPE area.

The selection will show on the Basic Screen when restored.

- NOTE: When selecting Thick, THICK 1 will be displayed on Bypass key of the Basic Screen.
 - When selecting TAB, AMS is automatically selected. The STD size (special) and Non STD size cannot be selected, and the loading print paper cannot be fed on 1-2 or 2-2 printing.

Controller Screen

The Controller screen displays separate sections for Messages, Icons, the Main Menu, and a Main window.

- The Message section displays the characters sent from the controller and include a max. of 40 digits x 2 lines.
- The Icon area displays engine status icons relating to Add Toner/PM Call, Vacant Memory Capacity.
- The Main Menu area displays the Controller setting menu in 16 digits max.
- The Main Window area displays the item selected from the main menu. A max. of 4 digits can be displayed on a given screen. Four control keys are displayed at the bottom of the screen. Use the up and down arrow keys to scroll through the menu.
- The Sub-window of the item selected from the main menu displays up to 8 items using a maximum of 16 digits. A maximum of 4 control keys are displayed at the bottom of the sub-window. Use the up and down arrow keys to scroll through the menu.

Auto Low Power Mode

Auto Low Power mode enables you to conserve energy by maintaining a lower fixing temperature during periods of printer inactivity.

Auto Low Power mode automatically lowers the power after a specified period of printer inactivity as specified in the Key Operator mode. The Auto Low Power function can be set to 5 minutes/ 10 minutes/ 15 minutes/ 30 minutes/ 60 minutes/ 90 minutes/ 120 minutes/ 240 minutes. Initially, the mode is set to function after 15 minutes of printer inactivity. The [POWER SAVER ON/OFF] LED goes on.

The Low Power mode screen is similar to the Reservation List Screen but with darker backlighting to save energy consumption.



The Counter List

This function allows you to view the current status of items shown on the touch panel, such as Total Counter and Counter Start Date.

View the Counter List

- 1 To display the Counter List, press [P (COUNTER)].
- 2 After viewing the Counter List, touch **EXIT** to return to the Basic Screen.

Counter List Screen					
Counter list					
Serial Number : 123456	78				
ITEM	COUNT/CYCLE	START DATE			
Total counter	12345678	2000/12/01			

Print the Counter List

- 1 Press [P (COUNTER)] to display the Counter List Screen.
- 2 Touch Counter list output. The Basic Screen will be displayed.
- 3 Touch the desired tray key to select the print size.
- 4 Press [START].

The counter list will be printed out, and the Management list mode will be released.

Weekly Timer Function

When the printer is using the weekly timer function, the TIMER indicator on the right side of the control panel is lit.

Important: When the TIMER indicator is lit, the printer will automatically be turned off. Do not turn it off by pressing power switch.

Timer Interrupt

When the TIMER indicator light is on and other indicators are off, printing is unavailable. When pressing the [POWER SAVER ON/OFF] key, the Basic Screen will be displayed along with the messages shown below.

> Please wait Printer is warming up

Timer interrupt mode Enter password

NOTE: The Timer Interrupt password is set by the Key Operator, not at the factory.

Weekly Timer Function (continued)

Timer Interrupt (continued)

1 Enter a 4-digit number Timer Interrupt password using the keypad on the control panel.

If an invalid password is entered, enter a valid 4-digit password.

Timer interrupt mode	
Enter password ****	

2 Press [START].

Input print time 0 hour(s) 05 minute(s)

- 3 Enter a 1-digit hour (ex. 3 hour is 3) using the keypad on the control panel. (0 ~ 9)
- 4 Press [START].

Input print time is 3 hour(s) 05 minute(s)

5 Enter a 2-digit minutes (ex. 7 minutes is 07) using the keypad on the control panel. $(05 \sim 60)$

Input print time is 3 hour(s) 07 minute(s)

6 Press [START].

Printing is available until the set time is up.

7 When Timer Interrupt is finished, press [POWER SAVER ON/OFF]. The Shut-Off Setting Screen will be displayed.

Section 6: Output Modes

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Finisher / Finisher-Folder Specifications

Use only paper that is recommended by Konica and stored under specified conditions. Special stock is not guaranteed for reliability or print quality. Multi-sheet bypass tray, and Transparency interleaving are incompatible with finisher use. This Finisher also accommodates wide paper sizes in addition to the standard sizes described below.

Finisher Type

 Primary (Main) Tray with built-in 2 stapling: moving tray type Secondary (Sub) Tray Booklet Tray Cover Sheet Feeder (option) Trimmer Unit(option) (Finisher-Folder only)

Primary (Main) Tray

Non-Sort Mode

- □ Paper size: 11"x17"~5.5"x8.5"
- Paper weight: 16~24 lb; Special stock (65 lb (176 g/m² cover paper), transparency film, labels, hole punch, rag content)
- □ Paper capacity for 20 lb: 500 sheets 5.5"x8.5"

3,000 sheets 8.5"x11", 8.5"x11"R 1,500 sheets 11"x17", 8.5"x14"

Sort Mode/Group Mode

- □ Paper size: 11"x17"~5.5"x8.5"
- □ Paper weight: 16~24 lb
- □ Paper capacity for 20 lb: 500 sheets 5.5"x8.5"

3,000 sheets 8.5"x11", 8.5"x11"R 1,500 sheets 11"x17", 8.5"x14"

Staple-Sort Mode

- D Paper size: 11"x17", 8.5"x14", 8.5"x11"R, 8.5"x11"
- □ Paper weight: 16~24 lb
- □ Paper capacity for 20 lb: 1,000 sheets*1
- □ Staple capacity: 50 sheets*² (5.0mm thick or less)
- □ Staple position: See p. 6-6.

NOTES:

- *1: Variable according to the number of pages to be stapled.
- *2: Staple sheet capacity is changeable, and may be set to 45, 40 or 35 by your service representative.

Finisher / Finisher-Folder Specifications (continued)

Secondary (Sub) Tray

Non-sort and face down exit Non-sort and face up exit Group and face down exit Group and face up exit

- □ Paper size: 11"x17"~5.5"x8.5"
- □ Paper weight: 16~24 lb
- □ Paper capacity for 20 lb: 200 sheets

Booklet Tray (Finisher-Folder only)

Folding Mode

- D Paper size: 11"x17", 8.5"x14", 8.5"x11"R, A4R (8.27"x11.69", 210mmx297mm)
- D Paper weight: 16~24 lb: Special stock (20 lb paper is recommended)
- □ Number of Folding sheet: 3 sheets max.
- □ Booklet tray capacity: Approx. 100 sheets max.

33 sets max. of 3-sheet-folded booklet (33 x 3 = 99 sheets)

50 sets max. of 2-sheet-folded booklet

(50 x 2 = 100 sheets)

Stapling & Folding Mode

- □ Paper size: 11"x17", 8.5"x14", 8.5"x11"R, A4R (8.27"x11.69", 210mmx297mm)
- D Paper weight: 16~24 lb; Special stock (20 lb paper is recommended)
- □ Number of Folding sheet: 16 sheets max. (using 20 lb paper only)

15 sheets max. (a thick cover paper included)

Booklet tray capacity: Approx. 100 sheets max.

20 sets max. of 5-sheet-folded booklet

(20 x 5 = 100 sheets)

10 sets max. of 10-sheet-folded booklet

(10 x 10 = 100 sheets)

6 sets max. of 16-sheet-folded booklet

(6 x 16 = 96 sheets)

Cover Sheet Feeder (Post Inserter)

- Paper size: 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, 5.5"x8.5", A4, A4R (8.27"x11.69", 210mmx297mm)
- □ Paper weight in cover sheet mode: 13~110 lb (200g/m² thick paper)
- □ Paper weight in manual staple: 16~24 lb

Finisher / Finisher-Folder Specifications (continued)

Punching Unit

Punching Mode

Punching mode is available in combination with Primary (Main) Tray output modes

- □ Paper size: 11"x17", 8.5"x11"
- □ Paper weight: 16~45 lb
- □ Number of holes: 3 holes
- \square Hole diameter: 0.315" \pm 0.020" (8.0 mm \pm 0.5 mm)
- **D** Hole pitch: $4.252" \pm 0.020"$ (108 mm ± 0.5 mm)

Trimmer Unit Tray (Finisher-Folder only)

Trimming Mode

- D Paper size: 8.5"x11"R, A3, B4, A4R
- D Paper weight: 16~24 lb; Special stock (20 lb paper is recommended)
- □ Number of trimmed sheet: 3 sheets max. with Folding mode

16 sheets max. using 20 lb paper only with Stapling & Folding mode

15 sheets max. using a thick cover paper with Stapling & Folding mode

Trimming width: 10 mm max.

□ Trimmer unit tray capacity: Approx. 512 sheets max.

100 sets max. of 2~5-sheet-folded booklet 50 sets max. of 6~10-sheet-folded booklet 32 sets max. of 11~16-sheet-folded booklet

Non-Sort Mode Using Primary (Main) Tray

Non-Sort mode simply means that the offset-stacker finisher modes are not selected. Prints will be stacked upon exit without being offset by sorted sets. With the Primary (main) tray initially selected on the Finisher Mode Selection Screen, Finisher / Finisher-Binder outputs the printed sheets FACE DOWN in the proper order.

D Paper size: 11"x17", 8.5"x14", 8.5"x11"R, 8.5"x11", 5.5"x8.5"

□ Paper capacity for 20 lb: 500 sheets 5.5"x8.5"

3,000 sheets 8.5"x11", 8.5"x11"R 1,500 sheets 11"x17", 8.5"x14"



CAUTION:

When the selected print quantity exceeds the Finisher's maximum capacity, remove the copied sheets while paper is exiting to avoid paper mishandling.

Output Modes 6-5

Sort Mode Using Primary (Main) Tray

Use this mode when you want to output multiple prints of the original set, and have each sorted set offset upon exit. The staple mode can be selected with the sort mode. With the Primary (main) tray initially selected on the Finisher Mode Selection Screen, Finisher / Finisher-Folder outputs the printed sheets FACE DOWN in the proper order.

 Paper size: 11"x17", 8.5"x14", 8.5"x11"R, 8.5"x11", 5.5"x8.5" (5.5"x8.5" paper is available in landscape type feeding only)
 Paper capacity for 20 lb: 500 sheets 5.5"x8.5" 3,000 sheets 8.5"x11", 8.5"x11"R 1,500 sheets 11"x17", 8.5"x14"



A CAUTION:

When the selected print quantity exceeds the Finisher's maximum capacity, remove the copied sheets while paper is exiting to avoid paper mishandling.

6-6 Output Modes

Staple-Sort Mode Using Primary (Main) Tray

Use this mode when you want to offset and staple each printed set. Stapling position and number of staples (1 or 2) can be designated on the screen. Each finished set will be offset from the next printed set.

With the Primary (main) tray initially selected on the Finisher Mode Selection Screen, Finisher / Finisher-Binder outputs the printed sheets FACE DOWN in the proper order.

- □ Stapled paper at 1 position: 11"x17", 8.5"x14", 8.5"x11"R, 8.5"x11" (5.5"x8.5" is available in portrait orientation only.)
- □ Stapled paper at 2 positions: only 8.5"x11" paper loaded with larger dimension vertical 11"x17", 8.5"x14", 8.5"x11"R, 8.5"x11" paper loaded with larger dimension horizontal
- Paper capacity for 20 lb: 1,000 sheets (Variable according to the number of pages to be stapled. See p. 4-4 for details.)
- □ Staple capacity: 50 sheets 20 lb (5.0mm thick or less)

(Staple capacity is changeable, and may be set to 45, 40, or 35 by your service representative.)

□ Staple position: 1 oblique staple; 1 parallel staple; 2 parallel staples



When the selected print quantity exceeds the Finisher's maximum capacity, remove the copied sheets while paper is exiting to avoid paper mishandling.

Folding, Stapling & Folding and Trimming Modes

The Folding and Stapling & Folding modes are available only when the Finisher-Binder option is installed. The Trimming modes (Folding and Trimming, Stapling & Folding and Trimming) are available only when the Trimmer unit option is installed on the Finisher-Binder. When any mode is selected, the Booklet feature is automatically selected and indicated on the Application Selection Screen.

NOTES: 1. When printing two-sided signature originals using the Folding, Stapling & Folding or Trimming mode, release the automatically selected Booklet mode.

- 2. When printing dark originals or using Reverse Image mode together with Folding, Stapling & Folding or Trimming mode, the folded line of the output prints may be slightly shifted.
- 3. CLOSE THE TRIMMER STACKER COVER; otherwise the machine cannot print. DO NOT OPEN THE TRIMMER STACKER COVER DURING PRINTING; otherwise, the machine will cease operating and paper will misfeed.

The following print results may be expected when using Folding, Stapling & Folding or Trimming mode:

In the Folding mode, each printed set is folded and output to the Booklet tray of the finisher.

In the Stapling & Folding mode, each printed set is stapled at two positions (saddle stitched), then folded and output to the Booklet tray of the finisher.

In the Trimming modes, each printed set is either folded or stapled & folded; trimmed at the edge that opens the booklet; then output to the Trimmer unit tray.

□ Max. number of folded sheets (20 lb Bond) in both modes:

	Folding: 3 sheets (les	s than in Staple & Folding mode because they are not cinched first)			
	Stapling & Folding:	16 sheets			
		15 sheets when using thick cover paper			
	Folding and Trimming	: 3 sheets			
	Stapling & Folding and	Trimming: 16 sheets			
		15 sheets when using thick cover paper			
	Paper size: 11"x17", 8.5"x14", 8.5"x11"R, A4R				
	Paper weight: 16~24 lb; Special stock (20 lb paper is recommended)				
	Booklet tray capacity:				
	When the Booklet tray	capacity is exceeded, the finisher will stop operating. Select an			
appropriate print quantity referring to the following capacity.					
	Approx. 100 sheets max.				
	Folding:	33 sets max. of 3-sheet-folded booklet (33 x 3 = 99 sheets)			
	Stapling & Folding:	20 sets max. of 5-sheet-folded booklet (20 x 5 = 100 sheets)			
		6 sets max, of 15-sheet-folded booklet (6 x 15 = 90 sheets)			
Folding, Stapling & Folding and Trimming Modes (continued)

Trimmer Unit tray capacity:

When the Trimmer Unit tray capacity is exceeded, the finisher and Trimmer Unit will stop operating. Select an appropriate print quantity referring to the following capacity. Approx. 512 sheets max.

Folding and Trimming: 100 sets max. of 3-sheet-folded booklet (300 sheets max.) Stapling & Folding and Trimming: 100 sets max. of 2~5-sheet-folded booklet (500 sheets max.) 50 sets max. of 6~10-sheet-folded booklet (500 sheets max.)

32 sets max. of 11~16-sheet-folded booklet (512 sheets max.)

- □ Incompatible Basic Printing Conditions with Booklet selected: Sort, Staple-sort, Group, Cover sheet feeding
- □ Incompatible Special Originals with Booklet selected: Resolution (Very high), Non STD size
- □ Incompatible Applications with Booklet selected: Sheet/Cover Insertion, Combination, Transparency Interleave, Repeat, Shift mode in Image Shift, Overlay
- □ Incompatible conditions without Booklet: Sort, Staple-sort, Group, Rotation Sort, Rotation Group, Transparency Interleave



Punching Mode

The Punching mode is available only when the Punch Unit option is installed on the Finisher-Folder.

When the Punching mode is selected in combination with any of the Primary (Main) tray output modes, each copied sheet is punched and output to the Primary tray according to the selected output mode.

NOTE: Some staple positions previously selected may conflict with this function.

- □ Print paper size: 11"x17", 8.5"x11" (20 lb paper recommended)
- Paper weight: 20 lb~24 lb bond recommended Thin paper; 16 lb~19 lb

Thick paper; 25 lb~45 lb

- □ Number of holes: 3 holes
- \square Hole diameter: 0.315" \pm 0.020" (8.0 mm \pm 0.5 mm)
- \square Hole pitch: 4.252" \pm 0.020" (108 mm \pm 0.5 mm)
- Incompatible Basic Printing Conditions: Output to Secondary (sub) tray, Rotation Sort, Rotation Group, Folding/ Stapling & Folding/ Trimming mode
- □ Incompatible Special Originals: Non STD Size
- □ Incompatible Applications: Booklet, Transparency Interleave



Cover Sheet Feeder (Post Inserter)

The Cover Sheet Feeder is available as an option on the Finisher / Finisher-Folder. Load cover sheet paper into this device and use the sheets as front covers for printed sets output to the Main tray; or use the sheets as booklet type covers for printed sets output to the Booklet tray in the Folding or Stapling & Folding mode.

NOTES:

- Paper loaded into the cover sheet feeder cannot be printed.
- This function is incompatible with cover sheet mode (COVER WITH PRINT SHEET and COVER WITH BLANK SHEET) in Booklet and Thick paper mode in Sheet/Cover Insertion.
- □ Cover paper size: 11"x17"~5.5"x8.5" (13~110 lb (200g/m² cover paper))
- □ Print paper size: 11"x17"~5.5"x8.5" (20 lb paper recommended)
- □ Incompatible: Output to Secondary (sub) tray, Cover Sheet mode with Booklet



A CAUTION:

When the selected print quantity exceeds the Finisher's maximum capacity, remove the copied sheets while paper is exiting to avoid paper mishandling.

Manual Stapling

The Manual Stapling function is available only with the Cover Sheet Feeder (Post Inserter) option installed on the Finisher / Finisher-Folder. To use this function, simply place a set of paper to be stapled into the cover sheet feeder of the finisher, select the desired staple mode from the manual stapling operation panel located on the top of the finisher, then press the [Staple Start/Stop] key. The stapled set will be delivered to the Booklet tray or the Primary (main) tray according to the selected method, described below.

When selecting stapling & folding, the machine with a Trimmer Unit trims it automatically and delivers it to the Trimmer Unit tray.

- Stapling & Folding (2 staples in the center + Folding): Booklet tray, or Stapling & Folding and Trimming (2 staples in the center + Folding + Trimming): Trimmer Unit tray
- 1 oblique staple: Primary (main) tray
- 2 parallel staples: Primary (main) tray

Specifications for Manual Stapling & Folding mode

- D Paper size: 11"x17", 8.5"x14", 8.5"x11"R, A4, A4R (8.27"x11.69", 210mmx297mm)
- D Paper weight: 16~24 lb (20 lb paper is recommended)
- □ Staple capacity: 16 sheets max. (20 lb paper)
 - 15 sheets max. (20 lb paper with a thick paper cover)
- Output tray: Booklet tray / Trimmer Unit tray

Specifications for Manual Stapling 1 oblique staple and 2 parallel staples

- Paper size: 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, 5.5"x8.5", A4, A4R (8.27"x11.69", 210mmx297mm)
- □ Paper weight: 16~24 lb (20 lb paper is recommended)
- □ Staple capacity: 50 sheets max. (20 lb paper)
- Output tray: Primary (main) tray



Manual Stapling (continued)



- 1 Place a set of paper to be stapled into the cover sheet feeder, then align the guide plate. The indicator light of [Staple Start/Stop] key will turn green.
- NOTE: Refer to the specifications on previous page for available paper size in each mode.
- 2 Press [Staple Mode Selection] key to select the desired staple mode.
- 3 Press [Staple Start/Stop] key.

Stapled sheets will be delivered to the appropriate tray according to the selected staple mode.

NOTE: CLOSE THE TRIMMER STACKER COVER; otherwise the machine cannot print.

DO NOT OPEN THE TRIMMER STACKER COVER DURING PRINTING; otherwise, the machine will cease operating and a paper misfeed will occur.

NOTE: If you want to stop the manual stapling operation, press the [Staple Start/Stop] key again. The finisher will cease operating. When using Stapling & Folding mode, the unfinished set will be left in the stacker unit inside the finisher.

When the Booklet tray / Trimmer Unit tray capacity is exceeded, the finisher will cease operating. To avoid such trouble, select an appropriate print quantity from the specifications on p. $6-8 \sim p. 6-9$.

A CAUTION:

When the selected print quantity exceeds the Finisher's maximum capacity, remove the copied sheets while paper is exiting to avoid paper mishandling.

Output Mode for Machine without Finisher

This section describes eight output modes for a printer without the finisher.

- □ Face down non-sort exit (default)
- □ Face down rotation sort exit
- □ Face down group exit
- □ Face down rotation group exit
- Face up non-sort exit
- □ Face up rotation sort exit
- □ Face up group exit
- $\ensuremath{\square}$ Face up rotation group exit



Section 7: Maintenance & Supplies

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Loading Paper

Paper Indicator (

The Paper Indicator always lights on the tray key of the Basic Screen to indicate the paper level.

Paper Empty Indicator (|↓| or |_|)

The Paper empty indicator flashes on the tray key of the Basic Screen when a tray is empty. Add paper to the tray when the Paper empty indicator is flashing.

Do not exceed the following tray limits:

Tray 1	: 500 sheets 20lb (430 sheets 24lb)
Tray 2	: 500 sheets 20lb (430 sheets 24lb)
Tray 3	: 1,000 sheets 20lb (860 sheets 24lb)
Tray 4	: 4,000 sheets 20lb
Multi-sheet bypass tray	150 sheets 20lb
(Do not load above the	red line on rear guide.)

Using the HELP Key

To learn how to load paper at any time, press [HELP], then touch any tray to display instructions on the touch screen. For details on tray position size vs. paper size, see Section 4: Media Information.



See the following pages for instructions on loading paper in trays 1~4.

Loading Paper (continued)

Loading Paper in Tray 1, 2, and 3

When displaying Thick 1 or Thick 2 on the tray key of the Basic Screen, be sure to load the specified paper; otherwise mishandled paper may occur. When displaying TAB on the tray key of the Basic Screen, see p. 7-6.



- 1 Withdraw tray 1, 2, or 3, and place paper on the tray with the curl side turning up. Load size 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R or 5.5"x8.5" (user-adjustable) Do not stack paper above the red line level.
- 2 Move the green levers (located at the front and the left side) to the edge of the paper.
- 3 When paper is seated properly, push the tray back fully into the printer.

NOTE: Do not bump the tray into the main body; otherwise machine trouble will occur.

Loading Paper (continued)

Loading Paper in Multi-Sheet Bypass Tray

The Multi-sheet bypass tray can be used to stack regular 16 lb~45 lb Bond paper.

- □ Bypass tray paper size: 11"x17"~5.5"x8.5"
- □ Bypass tray paper weight range: 16 lb~45 lb
- □ Bypass tray paper capacity: up to 150 sheets 20 lb
- □ Bypass tray Transparency film capacity: 1 sheet



- 1 Open the Multi-sheet bypass tray located on the right side of the printer. When loading 11"x17" or 8.5"x14" paper, withdraw the right edge of the Multi-sheet bypass tray.
- 2 Load print paper, and align the paper guides to the paper size. Load Transparency film one sheet at a time or stack paper, up to 150 sheets 20 lb Bond.

Loading Paper (continued)

Loading Paper in Tray 4 (Large Capacity Tray)

When displaying Thick 1 or Thick 2 on the tray key of the Basic Screen, be sure to load the specified paper; otherwise mishandled paper may occur. When displaying TAB on the tray key of the Basic Screen, see p. 7-8.

LCT (8.5 x 11) I = 1 I =

- 1 Open the LCT upper door.
- 2 Press the paper loading button to lower the bottom plate of the LCT.
- 3 Load the fixed size paper into the LCT with the paper curl turning downward.
- 4 Repeat the steps 2 and 3 until the bottom plate cannot go down any more. Load size 8.5"x11" or A4 (service-adjustable) for LCT; or load size 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, A3, B4, A4, A4R, or F4 for LCT(11 X 17). Do not stack paper above the paper hook level.
- 5 Close the LCT upper door.

Loading Paper (continued)

Loading Tabbed Sheets in Tray 1, 2, or 3

Load offset tabbed sheets so that the tab extensions are on the left at the rear (not front) of the tray.

When loading tabbed sheets in the tray, be sure to specify the paper type as TAB in the Key operator mode; otherwise mishandled paper may occur. See p. 8-16 to p. 8-17.

The top sheet is designated face down as the first tab of the finished set. Subsequent offset tab sheets follow in sequence.



Loading Paper (continued)

Loading Tabbed Sheets in Multi-Sheet Bypass Tray

Load offset tabbed sheets so that the tab extensions are on the right at the rear (not front) of the tray. The top sheet is designated face up as the first tab of the finished set. Subsequent offset tab sheets follow in sequence.

When loading tabbed sheets in the Multi-sheet bypass tray, be sure to specify the paper type as TAB on the Paper Type/Size Setting Screen; otherwise mishandled paper may occur. See p. 5-11.



Loading Paper (continued)

Loading Tabbed Sheets in Tray 4 (Large Capacity Tray)

Load offset tabbed sheets so that the tab extensions are on the right at the rear (not front) of the tray.

When loading tabbed sheets in the tray, be sure to specify the paper type as TAB in the Key operator mode; otherwise mishandled paper may occur. See p. 8-16 to p. 8-17.

The top sheet is designated face up as the first tab of the finished set. Subsequent offset tab sheets follow in sequence.



Adding Toner

Keep toner cartridge away from children. Although the toner is non-toxic, do not inhale it or allow it to enter your eyes. In case the toner comes in contact with eyes, please consult your physician.

When toner supply is low, "Please add toner" message displays on the touch screen.



- 1 Open the front door.
- 2 Pull out the toner unit 90° to the right.
- 3 Pull out the toner cartridge lock lever frontward until it stops. Remove the empty toner cartridge.
- 4 Shake the new toner cartridge several times to loosen toner, then remove the toner cartridge cap.
- 5 Set the new toner cartridge into the toner unit.

NOTE: Align the hollow part on the toner cartridge with the $\mathbf{\nabla}$ mark on the toner unit.

- 6 Push the cartridge lock lever backward until it stops.
- 7 Return the toner unit to its original position, then close the machine front door securely.

Inserting a New Staple Cartridge into Finisher or Finisher-Folder

Use only the staples supplied by Océ. Contact your service representative to reorder.



- 1 Open the Finisher door.
- 2 Pull out the stacker unit by holding the stacker unit handle.
- 3 Pull up the cartridge housing, then remove it while sliding it along the stapler rail.4 Remove the empty cartridge from the cartridge housing.
- 5 Insert the new cartridge into the housing. NOTE: Do not remove the staples remaining inside the housing; otherwise, the first sheet output after the replenishment will not be stapled.
- 6 Insert the cartridge housing while sliding it along the stapler rail, then push in and down to secure it in place.
- Return the stacker unit to its original position. 7
- 8 Close the Finisher door.

7-10 Maintenance & Supplies

Empty Trash Basket of Trimmer Unit

When the waste basket becomes full, "Trash basket of Trimmer is full / Please empty trash basket" message displays on the touch screen.



- 1 Open the trimmer front door. Withdraw the trash basket.
- 2 Empty the trash basket.
- 3 Return the trash basket to its original position, then close the trimmer front door securely.

Empty Trash Basket of Punching Unit

When the trash basket becomes full, "Trash basket of Punching Unit is full / Please empty trash basket" message displays on the touch screen.



- 1 Open the Finisher/Punching Unit front door. Withdraw the trash basket.
- 2 Empty the trash basket.
- 3 Return the trash basket to its original position, then close the Finisher/Punching Unit front door securely.

Preventive Maintenance

After a set number of prints have been made on your printer, Preventive Maintenance (PM) will be required for maintaining optimal performance.

When preventive maintenance is due, a message will prompt you to contact your service representative for maintenance.

Reading the PM Counter

- 1 Press [P (COUNTER)] to display the Counter List Screen.
- 2 Press [CHECK] to display the PM count on the Counter List Screen.
- 3 Touch EXIT to return to the Basic Screen.

Print the PM Counter

- 1 Press [P (COUNTER)] to display the Counter List Screen.
- 2 Press [CHECK] to display the PM counter on the Counter List Screen.
- 3 Touch **Counter list output**. The Basic Screen will be displayed.
- 4 Touch the desired tray key to select the print size.
- 5 Press [START].

The PM counter will be printed out, and the Management list mode will be released.

Service, Repairs, Supplies

Service

Enter the name and telephone number of your service representative, plus the machine serial number in the space provided below:

(Service Representative)

(Tel. No.)

(Machine Serial No.)

Repairs

When calling for repairs, be sure to have all necessary information at hand, such as the machine serial number and your own telephone number. If print quality is the concern, bring a sample print with you to the phone so that it can be described to your service representative.

Enter the telephone number for Repairs in the space provided below:

(Repairs Tel. No.)

Supplies

Be sure to use only supplies recommended by Océ . To maintain your supply inventory, check your supplies at regular intervals, and order supply items before they are depleted.

Enter the telephone number for ordering supplies in the space provided below.

(Supplies Tel. No.)

No other Drum has been approved for use in this model.

7-14 Maintenance & Supplies

Clearing Mishandled Paper

Jam Location Screen

When mishandled paper occurs, the Jam location shown below in Screen 1 indicates which Job has the Jam. To see the location of the mishandled paper and to view the Jam removal procedure, touch the **Illustration explanation** key in the upper right portion of the screen. Instructions will be be displayed on the screen. If you touch the **STATUS** key or any other tab key the Reservation List Screen displays (see Screen 2 below).



When the Jammed job is highlighted on the list shown below, the Jam Position Indication key displays in the upper right portion of the screen. If you touch this key, the screen switches to the Jam Position Indication Screen.

RNAME	STATUS	OUTPUT	TOTAL	PAGE(S) N		TRAY	SIZE
	JAM		20	100	2		-
1	RESERVE		10	10	1		
1	RESERVE	仚	20	20	1		E8.5×11R
						³ 8.5×11 ⊟	⁴ 8.5×11 ↓
	 	JAM RESERYE RESERYE	JAM ALSONICOTON	JAM 20 RESERVE 10 RESERVE 20	JAM 20 IOO JAM 10 10 RESERVE 1 10 RESERVE 1 20 20	Invalid Status Source PAGE(S) LEFT To GO JAM 20 100 2 RESERVE 10 10 1 RESERVE 12 20 20 1	JAM 20 100 2 RESERVE 10 10 1 RESERVE 10 10 1 RESERVE 10 10 1 RESERVE 10 10 1 RESERVE 10 20 1 RESERVE 1 3 8.5x11

Troubleshooting Tips

PRINTER DOES NOT OPERATE WHEN POWER SWITCH IS ON

Fully insert paper trays. Check to be sure power plug is firmly inserted in electrical socket.

PRINT IMAGE IS TOO LIGHT

Check toner indicator and add toner, if required. Check paper for dampness. Do not leave paper in printer when humidity is high.

PRINT IMAGE IS NOT CLEAN OR SHOWS SPOTS

Call for service if "Call for service" is displayed in the message area.

PRINT PAPER MISHANDLES DURING PRINTING

Fan print paper and load it with curl side in proper location. Do not exceed the tray capacity.

PRINT IMAGE CAN BE RUBBED OFF

Check print paper thickness. Use Thick paper mode, if paper weight requires it.

DUPLEX MODES CANNOT BE SELECTED

Fully close ADU, then select Duplex mode again.

PRINTING DOES NOT BEGIN AFTER PRESSING START

Insert or adjust the appropriate paper tray for print size selected. Close front door completely. Check to see if the message "Please close stacker cover of Trimmer" is displayed. Close trimmer stacker cover completely.

PRINTING DOES NOT RESUME AFTER MISHANDLED PAPER IS REMOVED

Check printer diagram on touch screen for additional indications of mishandled paper.

PRINT QUALITY IS POOR

Check paper for dampness, and replace it if necessary.

PRINT IMAGE IS SKEWED WHEN BYPASS IS USED

Be sure print paper is inserted straight.

USING ECM, PRINTS CANNOT BE MADE AFTER PASSWORD IS ENTERED

Check to see if the message EXCEEDS LIMIT is displayed. Contact key operator to reset limit.

7-16 Maintenance & Supplies

Troubleshooting Tips (continued)

FINISHER DOES NOT OPERATE

Check for a paper misfeed and remove it as required. Properly close Finisher door.

ADD TONER MESSAGE IS DISPLAYED

New toner supply is needed. Follow instructions for adding toner.

CALL FOR PM IS DISPLAYED IN MESSAGE AREA

Contact your service representative for Preventive Maintenance.

THE BASIC SCREEN DOES NOT DISPLAY SETTINGS AS DESCRIBED IN USER'S MANUAL Check with the Key Operator. Initial Settings may have been changed.

FINISHER STAPLE RESULT IS NOT AS EXPECTED

The 2 staple position functions only on print paper that is loaded vertically (portrait style).

Section 8 : Key Operator Mode

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Key Operator Mode 8-1

Paper type / Special size set
7 Panel contrast/Key sound adj.
8 Key operator data setting
9 Weekly timer
10 Control panel adjustment
<u>s</u>
16) Side 2 lens adjustment
16) Side 2 lens adjustment
16 Side 2 lens adjustment 17 Finisher adjustment 18 Reserve
16 Side 2 lens adjustment 17 Finisher adjustment 18 Røserve

To the Key Operator

The Key Operator is trained to handle all special Key Operator functions that are not accessible to the general user, such as monitoring overall printer activity, machine performance, and service information, modifying machine settings; and controlling user activity, for billing purposes.

A unique 4-digit Key Operator password is normally set by your service representative at installation. If the unique code is not set by your service representative, the printer will not display Key Operator Password Entry Screen when the Key Operator mode is being accessed, and a Key Operator password will not be required. A service-set 8-digit ECM master key code must be entered by the Key Operator to access the Electronic Copy Monitor functions, and a service-set 4-digit Weekly Timer master key code must be entered by the Key Operator to access the Electronic Copy Monitor functions, and a service-set 4-digit Weekly Timer master key code must be entered by the Key Operator to access the Weekly Timer functions.

To ensure the security of Key Operator mode, it is recommended that you establish a unique Key Operator password, along with the Key Operator ECM master key code and Weekly Timer master key code, and keep them in a confidential file.

HELP is unavailable in the Key Operator mode



Key Operator Mode Screen 1

Key Sele	ope	erator mode menu one of following items				
	1	System initial setting	6	Paper type / Special size se	t]
	2	Reserve	7	Panel contrast/Key sound ad	1j.]
	3	Reterve	8	Key operator data setting]
	4	E.C.M. function setting	9	Weekly timer]
	5	Roserve	10	Control panel adjustment]
₽]		 		PREVIO	US N

Key Operator Password Entry Screen



Key Operator Mode Screen 2

key Sele	ope	rator mode menu one of following items			
	11	Tray size setting	16	Side 2 lens adjustment]
	12	Power save setting	17	Finisher adjustment]
	13	Memory switch setting	18	Reverve]
	14	Machine management list print]		
	15	Call remote center]		
	[▲]			

To the Key Operator (continued)

How to Access the Key Operator Mode

- 1 Press the [HELP] button on the Control panel to display the Help Screen.
- 2 Then touch the Key Operator Mode on the Help Screen. The Key Operator Password Entry Screen displays when the 4-digit Key Operator password is set by your service representative. Otherwise, the Key Operator Mode Screen displays without the password requirement.
- 3 If the Key Operator Password Entry Screen is displayed, use the keypad on the touch screen to enter your 4-digit key operator password; then touch **OK**, to display the Key Operator Mode Screen. (See note.)

If the Key Operator password is not valid, check with your service representative.

- 4 To display menus [11] to [17] of the Key Operator Mode Screen, touch the lower arrow key. To return the menu [1] to [10] of the Key Operator Mode Screen, touch the upper arrow key.
- 5 Make setting changes from the Key Operator Mode Screen, as described on the following pages.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

Function Menu Map

FUNCTION MENU SUB FUNCTION MENU AND SETTING OPTIONS

[1] System initial setting	 Date&Time setting: [Present time; Setting time; Summer time On/Off] Language select setting: [Japanese; English]
[4] E.C.M. Function setting	 E.C.M. data edit: [Change; Add; Delete] E.C.M. all count reset: [YES; NO] E.C.M. function setting: [ECM On; ECM Off; Immediately; After job; Warning]
[6] Paper type / Special Size Set	Paper type: [Blank; Normal; Thick 1; Thick 2; Recycle; Thin; Color; TAB PAPER; Special; User; Fine; Seal] Special size: [STD size; STD size (special); Non STD size; Wide paper]
[7] Panel contrast / Key Sound Adj.	[Panel contrast; Backlight contrast; Buzzer volume regulation]
[8] Key operator data setting	[Name; Key Operator Tel. No.]
[9] Weekly timer	 Weekly timer ON/OFF setting: [On; Off] Timer setting: [ON time; OFF time] Timer action ON/OFF setting: [ON; OFF] Lunch hour Off setting: [Valid; Invalid] Timer interrupt password setting: [4-digit password]
[10] Control panel adjustment	
[11] Tray size setting	ATS/APS switch: [ON; OFF] Tray priority: [Tray 1, Tray 2, Tray 3, LCT, Bypass]
[12] Power save setting	Auto low power: [5, 10, 15, 30, 60, 90, 120, 240] Auto shut off: [, 30, 60, 90, 120, 240]
[13] Memory switch	 [9] Automatic tray switching [23] Job offset operating [24] Continuation print [26] Key click sound [27] 1 SHOT indication time [28] Power save screen [33] Arrow key change (Image Shift) [37] Key click sound (No paper/JAM) [41] Trimmer (STD/Non STD size) (No function)

8-4 Key Operator Mode

Function Menu Map (continued)

FUNCTION MENU

SUB FUNCTION MENU AND SETTING OPTIONS

[14] Machine management	[2] User management list[3] E.C.M. management list[4] Font pattern list	
[15] Call remote center	 Call for JAM concerns Call for SC concerns Toner bottle supply call Paper supply call Call for image quality Call for others 	
[16] Side 2 lens adjustment	[, -0.1 %, -0.2 %, -0.3 %]	
[17] Finisher adjustment	 Stapling & Folding stopper adj. Folding stopper adjustment Trimming stopper adjustment Punch adjustment 	
		Koy Operator Made 8

Key Operator Mode 8-5

System Initial Setting [1]

Set the following initial conditions of the printer.

- Date & Time setting: Current date and time, Summer time On/Off
- Language select setting: Language used in LCD (English)

Date & Time Setting [1]

Set the current date and time, and also the summer time.

Default setting: Summer time off

System Initial Setting Menu Scree	n
System initial setting menu Select one of following items	

🚺 🕽 Date & Time settir 2 Language select se 3 Re

etting Menu Screen	Date & Time Setting Screen		
menu Litems	System initial setting <date &="" setting="" time=""></date>		
g	Current Time	1 2	3
tting	01 / 03 / 00 19:34	4 5	6
	Setting time Summer time	7 8	9
		0	SET
	OUS EN	CANCEL	ок

1 Press [HELP] to display the Help Screen, then touch Key Operator Mode. Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

2 Touch [1] System initial setting to display the System Initial Setting Menu Screen, then touch [1] Date & Time setting to display the Date & Time Setting Screen.

3 Adjust the time.

The time indicated by the printer is displayed in the upper line and ordered by date. month, year, and time (in 24-hour expression). In the lower line, the highlighted section can be changed by using the keypad on the screen.

Touch **SET** to move the highlighted section to the number to be changed.

- 4 To activate the summer time function, touch Summer time to highlight it. The Present time will gain an hour.
- 5 Touch **OK** to update the Present time by the Setting time and return to the System Initial Setting Menu Screen.
- 6 If no further changes are required, proceed to step 8.
- 7 If other system initial settings are required, touch desired key.
- 8 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen.
- 9 Touch PREVIOUS SCREEN to return to the Basic Screen and perform printing operations.

System Initial Setting [1] (continued)

Language Select Setting [2]

Select the language used in the LCD (English).

Default setting: English

System Initial Setting Men	u Screen	Langua	age Select	ion Scree	n			
System initial setting menu Select one of following items		System i <langua< th=""><th>nitial setting ge select setti</th><th>ng></th><th></th><th></th><th></th><th></th></langua<>	nitial setting ge select setti	ng>				
Date & Time setting								
2 Language select setting					C			
3 Roverve			Japanes	e		English		
					_			
		US N					CANCEL	ок

1 Press [HELP] to display the Help Screen, then touch **Key Operator Mode**. Enter a 4-digit Key Operator password, then touch **OK** to display the Key Operator Mode Screen.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

- 2 Touch **[1] System initial setting** to display the System Initial Setting Menu Screen, then touch **[2] Language select setting** to display the Language Selection Screen.
- 3 Touch English.
- 4 Touch **OK** to complete the setting and return to the System Initial Setting Menu Screen.
- 5 If no further changes are required, proceed to step 7.
- 6 If other system initial settings are required, touch desired key.
- 7 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen.
- 8 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

ECM (Electronic Copy Monitor) Function Setting [4]

This function can only be accessed by the Key Operator after a 8-digit ECM master key code is entered. The Electronic Copy Monitor allows you to monitor all printing activity by controlling ECM password accounts.

This feature can track printer usage for individual users and/or accounts as well as limit printer access to only authorized users. Print quantity limits for specific accounts can also be set. Use the ECM Key Operator Form provided at the end of this section to record ECM password information.

The ECM stores up to 1,000 ECM passwords, each of which represents a separate account that can be used for billing and recordkeeping. The number of users assigned to each account may depend upon the billing system in operation and the number of individuals and departments using the printer. When the ECM is activated, printing can be performed only after a valid ECM password is entered. Print quantity and print limit for each account can be visually confirmed on the screen.

If ECM needs to be activated on your machine, contact your service representative.

The following ECM settings can be made:

[1] E.C.M. data edit:

Change, add, or delete ECM data, and reset the print count of the individual account.

[2] E.C.M. all count reset:

Clear the print count for all accounts.

[3] E.C.M. function setting:

Turn the ECM function on or off, and set conditions to stop immediately, stop after Job is completed or display a warning message when printer limit is reached.

ECM (Electronic Copy Monitor) Function Setting [4] (continued)

How to Access the ECM Setting Mode



ECM Master Key Code Screen

	E.C.M. master key code	1	2	3
-		4	5	6
	****	7	8	9
		ſ	0	

ECM Setting Menu Screen

E.C.M. setting menu Select one of following items		
1 E.C.M. data edit		
2 E.C.M. all count reset		
3 E.C.M. function setting		
	P	REVIOUS SCREEN

Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)

If the Key Operator password is not valid, check with your service representative.

- 2 Touch [4] E.C.M. function setting. The ECM Master Key Code Screen displays, if a code is required.
- 3 Use the keypad on the touch screen to enter your 8-digit ECM master key code, then touch **OK** to display the ECM Setting Menu Screen. (See note 2.)
- 4 Select the desired ECM function, and make settings, as required. To exit the ECM mode, touch **PREVIOUS SCREEN** on ECM Setting Menu Screen.
- 5 Touch **PREVIOUS SCREEN** on the Key Operator Mode Screen to return to the Basic Screen.

NOTES:

- 1 If an invalid password is entered, enter a valid 4-digit password.
- 2 If an invalid ECM master key code is entered, continue by entering the valid 8-digit code. The ECM master key code can be set to less than 8 digits by the Memory switch setting of the Key Operator function.

ECM (Electronic Copy Monitor) Function Setting [4] (continued)

E.C.M. Data Edit [1]

Use this setting to display the list of Print count and Print limit for each account, to change, add, or delete the ECM data, and to reset the Print count of the individual account.

- □ ECM No.: Designated by Key Operator
- □ ECM Password: Unique 8-digit numeric code programmed by Key Operator for user
- □ User Name: Max. 8 characters
- □ Print Limit: 0 to 999,999 prints

ECM Setting Menu Screen

E.C.M. setting menu Select one of following items	
1 E.C.M. data edit	
2 E.C.M. all count reset	
3 E.C.M function setting	
	PREVIOUS

ECM Data Edit Screen

NO.	NAME	COUNT/LIMIT	- -	atura	1	2	3
0005 1000	ABCDEF 2KC56	000001/999999 012345/999999		Change	4	5	6
				Add	7	8	9
				Delete		0	SET

ECM Data	Change Screen
----------	---------------

E.C.M. data <	Change>								
No.	123		вС) D	E	FG)[i	4) [T	JJ
Password	12345	К	LM) [N	0	P 0)(9 S	Ţ
Name	2KC5G		VH)×		Z)[) [-)/
Limit	99999		1 2][3]	4	56	JĿ	7 8][9]
							EL]		к

ECM Data Add Screen

No.	123	A	вс	D	E	F	G	н		Ģ
Password	12345	к	LM	N	0	P	a	R	S	G
Name	2KC5G	U	VH		Y	z	•)	0	G
Limit	99999	0	1 2	3	4	5	6	7	8	6

Password Duplication Screen

E.C.M. data <	Add>		
No.		FG	+ I J
Password	12345 Password has been used Set another password ?	PQ	9 5 T
Name	2KC5G YES NO	Z (· - ·
Limit	99999	56	789
		CANCEL	ок

Name Duplication Screen

E.C.M. data <	Add>					
No.	123		F	G	H []	J
Password	12345	This name has been used Input new name	Р	٩	R S	Ţ
Name	2KC5G	ок	z		<u>) -</u>	/
Limit	99999		5		78	9
			CA	NCEL	ок	
ECM (Electronic Copy Monitor) Function Setting [4] (continued)

E.C.M. Data Edit [1] (continued)

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [4] E.C.M. function setting. The ECM Master Key Code Screen displays, if a code is required.
- 3 Enter your 8-digit ECM master key code, then touch **OK** to display the ECM Setting Menu Screen. (See note 2.)

NOTES:

- 1 If an invalid password is entered, enter a valid 4-digit password.
- 2 If an invalid ECM master key code is entered, continue by entering the valid 8-digit code.
- 4 Touch [1] E.C.M. data edit. The ECM Data Edit Screen will be displayed. To change, add, or delete the ECM data, and to reset the Print count of the individual account, follow the procedure for each as described below.

To Change ECM Data:

- (1) Touch ▲ or ▼ key on the right side of the list to highlight the ECM data to be changed, then touch Change. The ECM Data Change Screen will be displayed.
- (2) Touch the desired item key to highlight it, then enter new data by using the touch screen keypad.

Password: 8 digits max. (See note 1.)

Name: 8 characters max. (See note 2.)

Limit: 999,999 prints max.

NOTES:

1 We recommend that you make a list of all ECM passwords and account numbers.

2 If an invalid user name is entered, continue by the valid name.

(3) Touch **OK** to complete the setting and to verify whether the same password or name has been already used for another account number.

When a password is duplicated:

The Password Duplication Screen will be displayed. Touch **YES** to re-enter new password, or **NO** to create duplicate password.

NOTE: If duplicate password is created, the number of prints will be counted only for the ECM password with the smallest No. We recommend you do not use duplicate ECM passwords.

When a name is duplicated:

The Name Duplication Screen will be displayed. Touch OK to re-enter new name.

ECM (Electronic Copy Monitor) Function Setting [4] (continued)

E.C.M. Data Edit [1] (continued)

To Add ECM Data:

- (1) Touch Add on the ECM Data Edit Screen. The ECM Data Add Screen will be displayed.
- (2) Touch the desired item key to highlight it, then enter the data by using the touch screen keypad.

Password: 8 digits max. (See note 1.)

Name: 8 characters max. (See note 2.)

Limit: 999,999 prints max.

NOTES:

- 1 We recommend that you make a list of all ECM passwords and account numbers. 2 If an invalid user name is entered, continue by the valid name.
- (3) Touch **OK** to complete the setting and to verify whether the same password or name has been already used for another account number.

When a password is duplicated:

The Password Duplication Screen will be displayed. Touch **YES** to re-enter new password, or **NO** to create duplicate password.

NOTE: If duplicate password is created, the number of prints will be counted only for the ECM password with the smallest number. We recommend you do not use duplicate ECM passwords.

When a name is duplicated:

The Name Duplication Screen will be displayed. Touch OK to re-enter new name.

To Delete ECM Data:

- (1) Touch ▲ or ▼ key on the right side of the list to highlight the ECM data to be deleted, then touch **Delete**. The Delete Confirmation Screen will be displayed.
- (2) Touch **YES** to delete, or **NO** to cancel.

To Clear ECM Count:

- (1) Touch ▲ or ▼ key on the right side of the list to highlight the desired ECM data, then touch COUNT RESET. The Reset Confirmation Screen will be displayed.
- (2) Touch YES to clear the Print count of the selected ECM data, or NO to cancel.



8-12 Key Operator Mode

ECM (Electronic Copy Monitor) Function Setting [4] (continued)

E.C.M. Data Edit [1] (continued)

- 5 If other ECM setting changes are required, touch **PREVIOUS SCREEN** on the ECM Data Edit Screen to return to the ECM Setting Menu Screen. Touch desired key, from [1]~[3].
- 6 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 7 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

ECM (Electronic Copy Monitor) Function Setting [4] (continued)

E.C.M. All Count Reset [2]

Reset the count for all ECM accounts.

ECM All Count Reset Screen
E.C.M. setting Reset all E.C.M. accounts
YES NO
PREVIOUS SCREEN

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [4] E.C.M. function setting. The ECM Master Key Code Screen displays, if a code is required.
- 3 Enter your 8-digit ECM master key code, then touch **OK** to display the ECM Setting Menu Screen. (See note 2.)
- 4 Touch [2] E.C.M. all count reset. The ECM All Count Reset Screen will be displayed.
- 5 Touch YES to reset all counters to zero and to return to the ECM Setting Menu Screen or touch NO to cancel.
 Touching PREVIOUS SCREEN will also cancel this function and return to the ECM Setting Menu Screen.
- 6 If other ECM setting changes are required, touch desired key, from [1]~[3].
- 7 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 8 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTES:

- 1 If an invalid password is entered, enter a valid 4-digit password.
- 2 If an invalid ECM master key code is entered, continue by entering the valid 8-digit code.

ECM (Electronic Copy Monitor) Function Setting [4] (continued)

E.C.M. Function Setting [3]

Use this function to turn ECM On or Off; or to select whether the printer will stop at the time the count limit is reached, or after the current Print Job is completed.

ECM Setting Menu Screen	ECM Function Setting Screen
E.C.M. setting menu Select one of following items	E.C.M. function setting
1 E.C.M. data edit	
2 E.C.M all count reset	Switching the ECH ON/OFF Select effect of reaching the copy limit
3 E.C.M. function setting	
	ECM On ECM Off Immediately After job Warning
PREVIOUS SCREEN	

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [4] E.C.M. function setting. The ECM Master Key Code Screen displays, if a code is required.
- 3 Enter your 8-digit ECM master key code, then touch **OK** to display the ECM Setting Menu Screen. (See note 2.)
- 4 Touch [3] E.C.M. function setting. The ECM Function Setting Screen will be displayed.
- 5 Touch **ECM On** to activate ECM or touch **ECM Off** to de-activate ECM. The selected key will be highlighted.
- 6 Touch Immediately to stop the machine when the Print limit is reached. In this case, the paper in process will be completed, and "Enter ECM password" will display after the Print stops.

Touch After job to stop the machine after the current job is completed, when Print limit is reached.

Touch **Warning** only to display a warning message when Print limit is reached. The selected key will be highlighted.

- 7 Touch **OK** to complete the setting and return to the ECM Setting Menu Screen.
- 8 If other ECM setting changes are required, touch desired key, from [1]~[3].
- 9 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 10 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTES:

- 1 If an invalid password is entered, enter a valid 4-digit password.
- 2 If an invalid ECM master key code is entered, continue by entering the valid 8-digit code.

Paper Type / Special Size Set [6]

Use this function to indicate a specific paper type or to specify a special paper size for each tray key on the Basic Screen. This is especially useful when special paper is used on a regular basis and is always placed in a specific paper tray.

Key	Operator Mode Scree	n		
Key op Select	erator mode menu one of following items			
	System initial setting	6	Paper type / Special size se	t
2	Reverve	7	Panel contrast/Key sound ad	ij.
	Reserve	8	Key operator data setting	
4	E.C.M. function setting	9	Weekly timer	
5	Rokerve	10	Control panel adjustment	
₽				PREVIOUS SCREEN

Special Size Setting Screen (STD size)

Paper Type Setting Screen

¹ Normal ² Thin ³ Fine	Thick 1 Thick 2 Thin TAB PAPER User	Normal Recycle Color Special Fine Seal	•	2
* Fine	USEI	Seal		

Special Size Setting Screen (STD size (special))

,	STD size		5.5×8.50	
5.5×8.5R	STD size (special)	4	5.5×8.5 8.5×11R	
² STD size	Non STD size		F4	<u> </u>
³ A3W	Wide paper			

Special Size Setting Screen (Wide size paper)

Special Size Setting Screen (Non STD size)

Paper type / Special size settin Setting paper size each tray	g				
	STD size	INPUT SIZE	1	2	3
Non STD size	STD size (special)	123mm	4	5	6
² STD size	Non STD size	65mm	6	7	8
³ 8.5×11R	Wide paper		0	•	
Paper type setting		CANCEL		0	

4 5 6 A3W STD size (special)

Paper type / Special size set Setting paper size each tray

aper typ setting	•						C,	ANCEL	0	к
l	³ 5.5×8	.5	Wide	paper	4	Input	size	123mm	× 65mm]
	² STD s	ize	Non S	TD size				0.5×11₩ 11×17₩	, <u> </u>	
				, ciut)				5.5×8.5\		

STD size

SELECT SIZE A5₩ A4₩ A3₩

.

Special Size Setting Screen (Input size)

Paper typ Setting p	oe / Special s aper size ea	ize settin ch tray	g				
ſ		n	STD size	INPU	T SIZE 1	2	3
	L A3W		STD size (special)	123mm		I 5	6
	² STD size		Non STD size		65mm 6	5 7	8
	⁸ 5.5×8.5		Wide paper	Select	. () •	
Paper type setting	•]				CANCEL	C	к

8-16 Key Operator Mode

Paper Type / Special Size Set [6] (continued)

- 1 Press [HELP] to display the Help Screen, then touch Key Operator Mode. Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 Touch [6] Paper type / Special size set to display the Paper Type Setting Screen.

To specify paper type:

- (1) Touch the desired paper tray key to highlight it.
- (2) Touch the arrow keys to select paper type.

To specify special size:

- (1) Touch **Special size setting** on the Paper Type Setting Screen to display the Special Size Setting Screen.
- (2) Touch the desired paper tray to highlight it.
- (3) Touch a paper size key to specify a paper size for the selected tray.
 - Select **STD size** to allow the machine to automatically detect the size of paper loaded in the tray and indicate it on the tray key.
 - Select **STD size (special)** to display the popup menu to show available paper sizes to be specified. Use arrow keys on the popup menu to select the desired size.
 - Select **Non STD size** to display the popup menu to enter the paper size by using arrow keys or touch screen keypad.
 - Select **Wide paper** to display the popup menu to show available wide paper sizes to be specified. Use arrow keys on the popup menu to select the desired wide size, then touch **Input size** to display the popup menu to enter the paper size by using arrow keys or touch screen keypad.
- 3 Touch **OK** on the Paper Type Setting Screen or on the Special Size Setting Screen to complete the setting and return to the Key Operator Mode Screen.
- 4 If other Key Operator settings are required, touch desired key, from [1] to [17].
- 5 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

Panel Contrast / Key Sound Adjustment [7]

Use this feature to adjust the level of brightness of the touch screen portion of the control panel, and also the volume of the touch key.

Key Operator Mode Screen

Panel Contrast/ Key Sound Adjustment Screen

Key operator mode menu Select one of following items		Adjust contrast / key click sound with arrows & press OK	
1 System initial setting	6 Paper type / Special size set		Panel contrast adjustment
2 Reserve	7 Panel contrast/Key sound adj.	Uce	Dimmer Brighter
3 Reserve	8 Key operator data setting		
4 E.C.M. function setting	9 Weekly timer	Buzzer volume regulation	Backlight contrast adjustment
5 Reserve	10 Control panel adjustment	Small Big	Dimmer Brighter
•	PREVIOUS SCREEN		ОК

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 Touch **[7] Panel contrast/Key sound adj.** to display the Panel Contrast/ Key Sound Adjustment Screen.
- 3 Adjust the Panel contrast, Backlight contrast, or Buzzer volume, as desired. Touch **Dimmer** to make the panel or backlight contrast dimmer than currently displayed, or touch **Brighter** to make the panel or backlight contrast brighter than currently displayed.

Touch Small or Big to regulate the buzzer volume of the touch keys.

- 4 Touch **OK** to complete the setting and return to the Key Operator Mode Screen.
- 5 If other Key Operator settings are required, touch desired key, from [1] to [17].
- 6 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTES:

- 1 If an invalid password is entered, enter a valid 4-digit password.
- 2 The control panel contrast feature can be adjusted from the Help screen provided the feature setting is activated by your service representative. When the Control panel contrast key is pressed, the Contrast adjustment screen will be displayed. Contact your service representative if the feature is required.

8-18 Key Operator Mode

Key Operator Data Setting [8]

Use this screen to enter the name and extension number of the Key Operator indicated on the Help Screen developed from the Basic Screen.

□ Setting options: 5-digit key operator telephone extension; Max. 8-character key operator name

Key Operator Mode Scree	n	Key Operator Data Setting Screen
Key operator mode menu Select one of following items		Enter Key Operator data Select items & input data
1 System initial setting	6 Paper type / Special size set	
2 Reserve	7 Panel contrast/Key sound adj.	Name ABCDF KLMNOPGBST
3 Reserve	8 Key operator data setting	
4 E.C.M function setting	9 Weekly timer	
5 Reverve	10 Control panel adjustment	
•	PREVIOUS SCREEN	CANCELOK

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 Touch [8] Key operator data setting to display the Key Operator Data Setting Screen.
- 3 Touch **Name** to highlight it, then enter the key operator name up to 8 characters from the touch screen keypad.
- 4 Touch Key Operator Tel. No. to highlight it, then enter a 5-digit extension number from the touch screen keypad. If the extension number is less than 5 digits, use a hyphen [-] to make it five. The hyphen added in the beginning will be indicated as a space on the Help Screen.
- 5 Touch **OK** to complete the setting and return to the Key Operator Mode Screen.
- 6 If other Key Operator settings are required, touch desired key, from [1] to [17].
- 7 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

Weekly Timer [9]

This function can be accessed only by the Key Operator after a unique 4-digit Weekly Timer master key code is entered.

The Weekly Timer is a printer management function that shuts down power to the machine on a daily or hourly basis, and can be programmed specifically for lunch breaks, weekends and holidays, or any time the printer is not required. In Addition, Timer Interrupt can be enabled (with or without a password requirement) to allow temporary use of the machine during periods when power is shut down by the Timer function.

Conditions required to use the Weekly Timer

- The power plug is inserted into the socket.
- The power switch is turned on.
- The current date and time are correctly set.

If the Weekly Timer needs to be activated on your machine, contact your service representative.

The following Weekly Timer settings can be made.

[1] Weekly timer ON/OFF setting

Enable and disable the Timer function.

[2] Timer Setting

Specify the times that the printer will turn ON and OFF for each day of the week or the entire week.

[3] Timer action ON/OFF Setting

Specify the working days of the machine by the Timer, for all Mondays through Sundays, and/or individually for each day of the given month.

[4] Lunch hour off setting

Specify the lunch time interval during which the printer will go off and on.

[5] Timer interrupt password set

Require Password entry for the Timer off function and establish the amount of usage time.

NOTE:

The time is set in terms of the 24 hour clock, where hour [1] is the first hour after midnight; and hour [24] is the hour of midnight. For example, 6 a.m. is 06:00 hours; 6 p.m. is 18:00 hours.

Weekly Timer [9] (continued)

How to Access the Weekly Timer Setting Mode

lect	one of following items			
1	System initial setting		5)	Paper type / Special size set
2	Reserve		2	Panel contrast/Key sound adj.
3	Reserve		3)	Key operator data setting
4	E.C.M. function setting		9)	Weekly timer
5	Reserve	1	0)	Control panel adjustment

Weekly Timer Master Key Code Screen



Weekly Timer Setting Menu Screen



- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [9] Weekly timer. The Weekly Timer Master Key Code Screen displays, if a code is required.
- 3 Use the keypad on the touch screen to enter your 4-digit Weekly Timer master key code, then touch **OK** to display the Weekly Timer Setting Menu Screen. (See note 2.)
- 4 Select the desired Weekly Timer function, and make settings, as required.
- 5 To exit the Weekly Timer mode, touch **PREVIOUS SCREEN** on the Weekly Timer Setting Menu Screen.
- 6 To exit the Key Operator mode, touch **PREVIOUS SCREEN** on the Key Operator Mode Screen. The Basic Screen will be displayed.

NOTES:

¹ If an invalid password is entered, enter a valid 4-digit password.

² If an invalid Weekly Timer master key code is entered, continue by entering the valid 4-digit code.

Weekly Timer [9] (continued)

Weekly Timer On/Off Setting [1]

Weekly Timer Setting Menu Screen	Weekly Timer On/Off Setting Screen
Weekly timer setting menu Select one of following items	Weekly timer On/Off setting
1 Weekly timer ON/OFF setting	
2 Timer setting	
3 Timer action DN/OFF setting	Weekly timer On Off
4 Lunch hour off setting	
5 Timer interrupt password set	
PREVIOUS SCREEN	CANCEL

- 1 Press [HELP] to display the Help Screen, then touch Key Operator Mode. Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [9] Weekly timer. Enter your 4-digit Weekly Timer master key code, then touch **OK** to display the Weekly Timer Setting Menu Screen. (See note 2.)
- 3 Touch [1] Weekly timer ON/OFF setting to display the Weekly Timer On/Off Setting Screen.
- 4 Touch Weekly timer On to activate Weekly timer, or touch Weekly timer Off to deactivate Weekly timer. The default setting is Weekly timer Off. The selected key will be highlighted.
- 5 Touch **OK** to complete the setting and return to the Weekly Timer Setting Menu Screen.
- 6 If other Weekly Timer settings are required, select another desired menu item, from [1]~[5].
- 7 Touch PREVIOUS SCREEN to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 8 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTES:

2 If an invalid Weekly Timer master key code is entered, continue by entering the valid 4-digit code.

¹ If an invalid password is entered, enter a valid 4-digit password.

Weekly Timer [9] (continued)

Timer Setting [2]

Use this function to set the On/Off times in hours and minutes for each day of the week or set the collective time for the entire week, i.e., the same On/Off time for each day.



Weekly timer setting menu Select one of following items	
1 Weekly timer ON/OFF setting	
2 Timer setting	
3 Timer action ON/OFF setting	
4 Lunch hour off setting	
5 Timer interrupt password set	
	PREVIOUS SCREEN

Weekly Timer	On/Off Time	 Setting Screer
--------------	-------------	------------------------------------

WEEK	ON	OFF		1	2
Mon.	00:00	00:00			<u> </u>
Tue.	00:00	00:00		4	5
Wed.	00:00	00:00		-	<u> </u>
Thu.	00:00	00:00		7	0
Fri.	00:00	00:00		1	0
Sat.	00:00	00:00			<pre></pre>
Sun.	00:00	00:00			0

Weekly Timer On/Off Time Collective Setting Screen

3
6
9
SET

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [9] Weekly timer. Enter your 4-digit Weekly Timer master key code, then touch OK to display the Weekly Timer Setting Menu Screen. (See note 2.)
 - NOTES:
 - 1 If an invalid password is entered, enter a valid 4-digit password.
 - 2 If an invalid Weekly Timer master key code is entered, continue by entering the valid 4-digit code.
- 3 Touch [2] Timer setting to display the Weekly Timer On/Off Time Setting Screen.
- 4 When the screen is displayed, the ON-time of Monday is always highlighted.

Enter a 2-digit ON-hour (ex. 8 a.m. is 08) and a 2-digit ON-minute (ex. 7 min. is 07) using the touch screen keypad, and then touch **SET**.

Touching **SET** repeatedly will shift the input section from Monday ON, Monday OFF, Tuesday ON, Tuesday OFF e.g.

NOTES:

• If ON-time and OFF-time are the same, power will not go on.

• If the setting is 00:00~00:00, you will not be able to set the printers off/on condition for specific days. When setting Sunday OFF-time, Monday ON-time is highlighted again. Proceed to step 6.

Weekly Timer [9] (continued)

Timer Setting [2] (continued)

- 5 To set the ON/OFF time collectively for more than one day of the week, touch **Collectively timer setting** to display the Weekly Timer On/Off Time Collective Setting Screen.
- 6 When you open this screen, the ON and OFF times are always set at 00:00~00:00. Touch to highlight the day(s) of the week to be set. More than one can be selected at a time.

Enter the ON-time and OFF-time using the touch screen keypad, and then touch **SET** after each entry.

- 7 Touch **OK** on the Weekly Timer On/Off Time Setting Screen or on the Weekly Timer On/Off Time Collective Setting Screen to complete the setting, and return to the Weekly Timer Setting Menu Screen.
- 8 If other Weekly Timer settings are required, select another desired menu item, from [1]~[5].
- 9 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 10 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

Weekly Timer [9] (continued)

Timer Action On/Off Setting [3]

Use this function to set the On/Off condition of the printer for a given month. Set the On-Off condition for specific days; or collectively, for all Mondays through Sundays of the given month. The default setting is collective: On for Mondays through Saturdays, and Off for Sundays.



Weekly timer setting menu Select one of following items	
1 Weekly timer ON/OFF setting	
2 Timer setting	
3 Timer action ON/OFF setting	
4 Lunch hour off setting	
5 Timer interrupt password set	
	PREVIOUS SCREEN



			1	2	3	4	5	C	ollectiv	e settir	ig by day	of the w	eek
05	6	7	8	9	10	[11]	12	Mon.	ON	OFF	Fri.	ON	OF
2001	13	14	15	16	17	18	19	Tue.	ON	OFF	Sat.	ON	OF
4 	20	21	22	23	24	25	26	₩ed.	ON	OFF	Sun.	ON	OF
ĽĽ	27	28	29	30	31			Thu.	ON	OFF			

Timer Action Change Confirmation Screen

Machine working day individual setting SUN MON TUE WED THU FRI SAT						
		2 3 4	5 Collec	tive setting by day of	the week	
05	676	The machine	will be ON all Mo	n F Fri.	ON OFF	
	13 14 1	YES/NO ?		F Sat.	ON OFF	
• •	20 21 2	YES	NO	F Sun.	ON OFF	
	27 28 25					
				CANCEL	ок	

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [9] Weekly timer. Enter your 4-digit Weekly Timer master key code, then touch OK to display the Weekly Timer Setting Menu Screen. (See note 2.) NOTES:

1 If an invalid password is entered, enter a valid 4-digit password.

2 If an invalid Weekly Timer master key code is entered, continue by entering the valid 4-digit code.

3 Touch [3] Timer action ON/OFF setting to display the Timer Action On/Off Setting Screen.

The days of the current month are displayed on the left half of the screen, with timeractive days highlighted.

4 To activate or deactivate the Timer for any individual day, touch the key for that day and change its indication.

To change the month, use arrows to scroll to the desired month.

Weekly Timer [9] (continued)

Timer Action On/Off Setting [3] (continued)

- 5 To collectively set the on/off data for the entire month by the day of the week, touch the **ON** or **OFF** key for the desired day on the right half of the screen. If you touch an already-highlighted key, no change will occur.
- 6 If any change is made in the collective setting area, the Timer Action Change Confirmation Screen will be displayed.
 Touch YES to change the timer action, or touch NO to cancel.
 The Timer Action On/Off Setting Screen will be restored.
- 7 Touch **OK** on the Timer Action On/Off Setting Screen to complete the setting and return to the Weekly Timer Setting Menu Screen.
- 8 If other Weekly Timer settings are required, select another desired menu item, from [1]~[5].
- 9 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 10 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

Weekly Timer [9] (continued)

Lunch Hour Off Setting [4]

The Weekly Timer function turns the printer ON and OFF once a day. Use the Lunch hour off function to shut down power during the lunch break and then turn it on again according to the Weekly Timer function setting. Only one off-time interval can be programmed.

Lunch Hour Off Setting Screen



Week Sele	ly timer setting menu ct one of following items		Lunch hour off function	
	Weekly timer ON/OFF setting			
	2 Timer setting		Function Yalid	Function Invalid
	3 Timer action ON/OFF setting			
	4 Lunch hour off setting		OFF	Restart 00:00
C	5 Timer interrupt password set			
		PREVIOUS		

- 1 Press [HELP] to display the Help Screen, then touch **Key Operator Mode**. Enter a 4-digit Key Operator password, then touch **OK** to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [9] Weekly timer. Enter your 4-digit Weekly Timer master key code, then touch OK to display the Weekly Timer Setting Menu Screen. (See note 2.)
- 3 Touch [4] Lunch hour off setting to display the Lunch Hour Off Setting Screen.
- 4 Touch Function Valid to activate the Lunch hour off function. Set OFF-time and Restart-time using the touch screen keypad, and then touch SET after each entry. Touch Function Invalid to de-activate the Lunch hour off function. The time setting area will appear grayed out and cannot be selected. The Function Invalid setting is the factory default setting.
- 5 Touch **OK** to complete the setting and return to the Weekly Timer Setting Menu Screen.
- 6 If other Weekly Timer settings are required, select another desired menu item, from [1]~[5].
- 7 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 8 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTES:

1 2

4 5

7 8 9

CANCEL

0

3

6

SET

ок

¹ If an invalid password is entered, enter a valid 4-digit password.

² If an invalid Weekly Timer master key code is entered, continue by entering the valid 4-digit code.

Weekly Timer [9] (continued)

Timer Interrupt Password Setting [5]

Use this password setting mode to establish a 4-digit password requirement for using Timer Interrupt function. The default password of 0000 allows the timer function to be interrupted without the requirement for password entry.

Weekly Timer Setting Menu Screen

₩ee Sele	kly ct	timer setting menu one of following items		
	1	Weekly timer ON/OFF setting]	
	2	Timer setting]	
	3	Timer action ON/OFF setting		
	4	Lunch hour off setting		
	5	Timer interrupt password set		
				PREVIOUS SCREEN

Timer Interrupt Password Setting Screen

				1	2	3
Timer in	nterrupt password	1234	-	4	5	6
L	setting (4 digit)	1201		7	8	9
				ſ	0	

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note 1.)
- 2 Touch [9] Weekly timer. Enter your 4-digit Weekly Timer master key code, then touch OK to display the Weekly Timer Setting Menu Screen. (See note 2.) NOTES:
 - 1 If an invalid password is entered, enter a valid 4-digit password.
 - 2 If an invalid Weekly Timer master key code is entered, continue by entering the valid 4-digit code.
- 3 Touch **[5] Timer interrupt password set** to display the Timer Interrupt Password Setting Screen.
- 4 Use the touch screen keypad to enter a 4-digit password, and then touch OK to complete the setting and return to the Weekly Timer Setting Menu Screen. NOTE: When the password setting is 0000, Timer Interrupt can be used simply by turning the printer OFF, then ON. In this case, you will be asked to enter the duration of use (a period of time to turn the printer power on).
- 5 If other Weekly Timer settings are required, select another desired menu item, from [1]~[5].
- 6 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 7 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

Control Panel Adjustment [10]

Use this feature to check the LCD touch screen and realign the position of the touch sensor that may have shifted.

Key Operator Mode Screen

Control Panel Adjustment Screen

Key operator mode menu Select one of following items		Control panel adjustment
1 System initial setting	6 Paper type / Special size set	CHECK BUTTON
2 Reserve	Panel contrast/Key sound adj.	If you think the buttons are not correctly aligned with the Touch Banal carry out the procedure below
3 Rosorvo	8 Key operator data setting	1) Using a pencil,LIGHTLY press the upper right and lower left crosses once each.
4 E.C.M. function setting	9 Weekly timer	 Press the two CHECK buttons, a buzzer sound should be heard.
5 Reverve	10 Control panel adjustment	If you do not hear a buzzer,please repeat steps 1) & 2). Previous screen $\rightarrow 1$ Write $\rightarrow 0$
•	PREVIOUS SCREEN	снеск виттом

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 Touch [10] Control panel adjustment to display the Control Panel Adjustment Screen.
- 3 Touch the "+" indication at the upper right corner, then lower left corner on the screen. The present coordinates will be displayed in the message area of the screen.
- 4 Check that the X coordinate and Y coordinate displayed in the first line of the message area fall within the standard value displayed in the second line.
- 5 Touch the **CHECK BUTTON**s at the upper left and lower right corners on the screen to check if the buzzer tone functions normally.
- 6 If the coordinates fall out of the range of the standard value in step 4, or the buzzer tone does not sound in step 5, repeat the adjustment procedure from 3 to 5.
- 7 Press [0] of the control panel keypad to start writing the adjustment data. If other Key Operator settings are required, press [1] to restore the Key Operator Mode Screen.
- 8 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

Tray Size Setting [11]

Select whether the tray size setting will be detected or not detected when ATS/APS functions. If you select it to be detected, you may also select the priority of the detection for each tray.

Key Operator Mode Screen 1

1	System initial setting	6	Paper type / Special size set	
2	Reserve	7	Panel contrast/Key sound ad	
3	Rosorvo	8	Key operator data setting	
4	E.C.M. function setting	9	Weekly timer	
5	Reserve	 10	Control panel adjustment	

Key Operator Mode Screen 2

11 Tray size setting	16 Side 2 lens adjustment	
12 Power save setting	17 Finisher adjustment	
13 Memory switch setting	18 Reverve	
14 Machine management list print		
15 Call remote center		

Tray Auto Select Setting Screen

Tray auto select setting(ATS/AP	s)			
ATS/APS switch	Tray priority	High	Tray1	
Bypass		Ĩ	Tray2	
Tray1			Tray3	
Tray2 LCT OF	=		LCT	Down▼
Tray3 ON		Low	Bypass	
		ſ	CANCEL	ОК

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 To display menus [11] to [17] of the Key Operator Mode Screen, touch Lower arrow key.
- 3 Touch [11] Tray size setting to display the Tray Auto Select Setting Screen.
- 4 On the left half of the screen, touch to highlight each tray key, then select OFF or ON to specify whether the selected tray is to be automatically detected or not when ATS/ APS functions.
- 5 Tray keys specified as ATS/APS ON will appear on the right half of the screen.
 Touch to highlight the desired tray key, then change its priority by using Up (▲) and
 Down (▼) arrow keys.
- 6 Touch **OK** to complete the setting and restore the Key Operator Mode Screen.
- 7 If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 8 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

8-30 Key Operator Mode

Power Save Setting [12]

Select the interval of time that must elapse before Auto Low Power and Auto Shut Off become activated. Auto Shut Off conserves more energy than Auto Low Power. The period of time selected for Auto Low Power cannot exceed the Auto Shut Off setting.

Key Operator Mode Screen 2

11 Tray size setting	16 Side 2 lens adjustment
12 Power save setting	17 Finisher adjustment
13 Memory switch setting	18 Reserve
14 Machine management list print	
15 Call remote center	

Power Save Setting Screen

15 min.	5 min. 10 min. 15 min. 30 min. 60 min.) 60min.	30 min. 60 min. 90 min. 120 min. 240 min.	A V

Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

- 2 To display menus [11] to [17] of the Key Operator Mode Screen, touch 🗨 Lower arrow key.
- 3 Touch [12] Power save setting to display the Power Save Setting Screen.
- 4 The periods of time currently selected for each power save function are located on the Timer Setting Screen below the Auto Low Power and Auto Shut Off indicators. Touch the arrow keys (▲) and (▼) in each area to select a specific waiting period before activating the Auto Low Power or Auto Shut Off. NOTES:
 - 1 The period of time selected for Auto Low Power cannot exceed the Auto Shut Off setting.
 - 2 If the same period of time as Auto Shut Off is selected for Auto Low Power, the Auto Shut Off will function instead of Auto Low Power.
- 5 Touch **OK** to complete the setting and restore the Key Operator Mode screen.
- 6 If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 7 Touch PREVIOUS SCREEN to return to the Basic Screen and perform printing operations.

Key Operator Mode 8-31

Memory Switch Setting [13]

This function allows you to change the Memory Settings listed below. See p. 8-33 for details on Memory Settings.

SW No.	Item
No. 09:	Automatic tray switching
No. 23:	Job offset operating
No. 24:	Continuation print
No. 26:	Key click sound
No. 27:	1 SHOT indication time
No. 28:	Power save screen
No. 33:	Arrow key change (Image Shift)
No. 37: No. 41:	Key click sound (No paper/JAM) Trimmer (STD/Non STD size) (no function)

Setting (default is underlined)

OFF/ ON OFF/ ON OFF/ ON OFF/ ON 3 seconds/ 5 seconds Shut off mode/ Low power mode Decimal point off (1 STEP 1mm)/ Decimal point on (1 STEP 0.1mm) OFF/ 3 seconds/ 5 seconds/ 10 seconds STD size/ Non STD size

Key Operator Mode Screen 1

 System initial setting 		6	Paper type / Special size set	
2 Reverve	1	7	Panel contrast/Key sound ad	
3 Roserve		8	Key operator data setting	
4 E.C.M. function setting		9	Weekly timer	
5 Reserve]	10	Control panel adjustment	
			Í	PREVIOUS

Key Operator Mode Screen 2

11 Tray size setting	16 Side 2 lens adjustment	
12 Power save setting	17 Finisher adjustment]
13 Memory switch setting	18 Reserve	
14 Machine management list print		
15 Call remote center		

Memory Switch Setting Screen

Memo Selec	ry switch t items & change func	tion	
NO.	ITEM	SETTING CONTENTS	5
8	Reserve		
9	Automatic tray switchi	ng OFF	
10	Reserve		
11	Reserve		
12	Reserve		
13	Reserve		
14	Reserve		
L			
♥	•	Change Setting Contents	PREVIOUS SCREEN

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 To display menus [11] to [17] of the Key Operator Mode Screen, touch
 Lower arrow key.
- 3 Touch [13] Memory switch setting to display the Memory Switch Setting Screen.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

Memory Switch Setting [13] (continued)

- 4 Use the procedure below to select the desired item and change the setting.
 - (1) To select the desired item, touch the arrow keys (▲) and (▼) at the right of the Memory Switch Setting Screen.
 - (2) To scroll the screen, touch the arrow keys 📤 and 🛡 at the lower left.
 - (3) Touch Change Setting Contents to change the setting of the highlighted item.
 - (4) Repeat above steps (1) to (3) to make several changes in succession.
- 5 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 6 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

The following functions can be provided by the Memory Switch settings.

[9] Automatic tray switching

When paper is depleted during a printing job, the printer continues printing by switching to another tray that contains the same size paper.

[23] Job offset operating

Set the printer to offset the prints of different jobs when outputting multiple reserve jobs in succession.

[24] Continuation print

Set the printer to output multiple reserve jobs in succession.

[26] Key click sound

Activate or deactivate the sound each time a key is pressed on the touch panel .

[27] 1 SHOT indication time

Select the SHOT indication time function.

[28] Power save screen

Select the screen to display when pressing the [POWER SAVER ON/OFF] key .

[33] Arrow key change (Image Shift)

Select the 1 step unit of the touch key to specify the shift amount in Image shift.

[37] Key click sound (No paper/JAM)

Select the duration of the buzzer for alerting that the machine has stopped being out of paper or due to paper misfeed.

[41] Trimmer (STD/ Non STD size) (not function)

Machine Management List Print [14]

Use this function to print out the list selected from the following items.

- User management list: Home position settings selected by user
- E.C.M. management list: Machine information managed by ECM
- Font pattern list: Font patterns used in the machine

Key Operator Mode Screen 2

Management	lict	Drint	Monu	Scroon
wanayement		гшц	wenu	SCIECII

Key Sele	operator mode menu ct one of following items		Management list print mode menu Select one of following items	
	11 Tray size setting	16 Side 2 lens adjustment	1 Reserve	
	12 Power save setting	17 Finisher adjustment	2 User management list	
	13 Memory switch setting	18 Reverve	3 E.C.M. management 11st	
	14 Machine management list print		4 Font pattern list	
	15 Call remote center			
				PREVIOUS SCREEN

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 To display menus [11] to [17] of the Key Operator Mode Screen, touch 🗲 Lower arrow key.
- 3 Touch **[14] Machine management list print** to display the Management List Print Menu Screen.
- 4 Touch the desired item on the screen. The Basic Screen will resume automatically.
- 5 Press [START] to start printing the selected list. To suspend printing, press [STOP]. Press [P] and [C] in order to return to the Management List Print Menu Screen.
- 6 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 7 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

8-34 Key Operator Mode

Call Remote Center [15]

When activated, the Remote Diagnostics option is automatically monitored by your service representative. In case of machine trouble, select the Call Remote Center option. Your service representative will contact you to determine the appropriate means for resolving the problem.

Setting options: Call for JAM concerns; Call for SC concerns; Toner bottle supply call; Paper supply call; Call for image quality; Call for others

Key Operator Mode Scre	en 2	Call Remote Service Ce	enter Screen
Key operator mode menu Select one of following items		Call remote service center Select one of following items	
11 Tray size setting	16 Side 2 lens adjustment	1 Call for JAM concerns	6 Call for others
12 Power save setting	17 Finisher adjustment	2 Call for SC concerns	
13 Memory switch setting	18 Reserve	3 Toner bottle supply call	
14 Machine management list print		4 Paper supply call	
15 Call remote center		5 Call for Image quality	
			PREVIOUS SCREEN





- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 To display menus [11] to [17] of the Key Operator Mode Screen, touch Lower arrow key.
- 3 Touch [15] Call remote center to display the Call Remote Service Center Screen.
- 4 Touch [1] Call for JAM concerns; [2] Call for SC concerns; [3] Toner bottle supply call;
 [4] Paper supply call; [5] Call for image quality; or [6] Call for others. The Start Call Screen will be displayed.
- 5 Touch Start to call.
- 6 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 7 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

Side 2 Lens Adjustment [16]

Use this function to set the adjustment data of the magnification ratio for each tray as Side 2.

Key Operator Mode Screen 2

Side 2 Lens Adjustment Screen

Key operator mode menu Select one of following items		Side 2 lens adjustment	
11 Tray size setting	16 Side 2 lens adjustment		1
12 Power save setting	17 Finisher adjustment	L -0.2%	
13 Memory switch setting	18 Reserve	-0.1%	
14 Machine management list print		-0.1%	
15 Call remote center		° -0.2%	_
			CANCEL

- Press [HELP] to display the Help Screen, then touch Key Operator Mode.
 Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 To display menus [11] to [17] of the Key Operator Mode Screen, touch Lower arrow key.
- 3 Touch [16] Side 2 lens adjustment to display the Side 2 Lens Adjustment Screen.
- 4 Touch to highlight the desired tray key, then touch arrow keys to select an adjustment data.

The selected data will be displayed on the highlighted tray key.

- 5 Touch **OK** to complete the setting and return to the Key Operator Mode Screen.
- 6 If other Key Operator settings are required, select the desired item, from [1] to [17].
- 7 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

8-36 Key Operator Mode

Finisher Adjustment [17]

Use this mode to make fine adjustments to each function of the finisher.

Key Operator Mode Screen 2	Finisher Adjustment Menu Screen
Key operator mode menu Select one of following items	Finisher adjustment mode menu Select one of following items
11) Tray size setting 16 Side 2 lens adjustment 12) Power save setting 17 Finisher adjustment 13) Memory switch setting 18 Reserve 14) Machine management list print 19 Finisher adjustment	StopPing&Folding stopper adj. Folding stopper adjustment Trimming stopper adjustment
13 Call remote center	PREVIOUS
	SCREEN
Stapling&Folding Stopper Position Adjustment Screen	Folding Stopper Position Adjustment Screen
Stapling and Folding stopper adjustment −100 +20 (−128 ~ +127) < A3 →	Folding stopper adjustment −20 +50 (-128 ~ +127) < A3 →
123	1 2 3
NEXT PREVIOUS PREVIOUS PREVIOUS	NEXT PREVIOUS PREVIOUS PREVIOUS
Trimming Stopper Position Adjustment Screen	Punch Adjustment Mode Screen
Trimming stopper adjustment -30 +120 (-128 ~ +127) < A3 → 1 2 3 4 5 6 7 8 9 ++- 0 SET	Punch adjustment mode menu Select one of following items 2 Punch Vertical position adj. 2 Punch Horizontal position adj.
NEXT ADJUSTMENT COPY PREVIOUS SCREEN SCREEN	PREVIOUS SCREEN
Punch Vertical Position Adjustment Screen	Punch Horizontal Position Adjustment Screen
Punch Vertical position adj. $\langle A3 \rangle$ +0 +0(-50~+50) 1step=0.1mm	Punch Horizontal position adj. +0 +0(-50-+50) 1step=0.1mm
1 2 3 4 5 6 7 8 9 + 0 SET ADJOSTMENT PREVIOUS SCREEN SCREEN	1 2 3 4 5 6 7 8 9 ++- 0 SET PREVIOUS SCREEN

- 1 Press [HELP] to display the Help Screen, then touch Key Operator Mode. Enter a 4-digit Key Operator password, then touch OK to display the Key Operator Mode Screen. (See note.)
- 2 To display menus [11] to [17] of the Key Operator Mode Screen, touch 🗨 Lower arrow key.
- 3 Touch [17] Finisher adjustment to display the Finisher Adjustment Menu Screen.

Key Operator Mode 8-37

Finisher Adjustment [17] (continued)

- 4 Touch the desired menu key to display the adjustment screen for each function.
- 5 Make fine adjustment on the screen. To go on or back to another adjustment screen, touch NEXT or PREVIOUS. Touching **PREVIOUS SCREEN** restores the Finisher Adjustment Menu Screen.
- 6 Touch **PREVIOUS SCREEN** to restore the Key Operator Mode Screen. If other Key Operator settings are required, select the desired menu item, from [1] to [17].
- 7 Touch **PREVIOUS SCREEN** to return to the Basic Screen and perform printing operations.

NOTE: If an invalid password is entered, enter a valid 4-digit password.

Key Operator ECM Form

No.	Password Count/Limit	No.	Password Count/Limit

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MEMO
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