

Installation Manual

© 2005-2007 Ricoh Printing Systems, Ltd. October, 2005 N904118

		1
Machine Rev.	Page No.(Contents)	Date
-	First Edition	May, 2005
-	Table of Contents ii (01), Table of Contents iii (01), 2-3(01),2-4(01),2-5(01),4-24(01),4-26(01),4-27(01),4-32(01), 4-37(01),6-1(01),6-2(01), 6-3(00) to 6-10(00)	Oct, 2005
Front : X Rear : B1	RoHS Compliance. 2-4(02),2-5(02),2-20(01),3-4(01),3-9(01),4-17(01),4-37(02), 4-38(01)	Mar, 2006
-	2-1(01),2-2(01),2-4(03),2-5(03),2-12(01),2-13(01),5-1(01), 5-2(01),6-9(01)	Jun, 2006
-	2-4(04),2-5(04),2-13(02)	Mar, 2007
-	Table of Contents-ii(02), Safety-4(01), 5-1(02)-5-4(02)	Oct. 23 '07
-	6-11(00)	Jan, 22.'08
-	Table of Contents ii (03), Table of Contents iii (02), 1-1(01),1-2(01),4-1(01),4-2(01),4-16(01),4-42(01),6-1(02) Added pages : 2-22(00),2-23(00),2-24(00),3-14(00),4-3(00), 4-19(00),4-20(00),4-21(00),4-22(00),4-23(00),4-24(00), 4-25(00),4-46(00),4-47(00),4-48(00),4-49(00),4-50(00), 4-51(00),4-52(00),4-53(00),Apendix9(00), Apendix10(00), Apendix11(00), Apendix12(00)	Apr. 28 '08
-	2-22(01), 2-23(01), 4-22(01), 4-23(01), 4-25(01), 4-50(01), 4-51(01),	Jun,6.'08
		Apr. 1 '09
	- - Front : X Rear : B1 - - - - -	Rev. Page No.(Contents) - First Edition - Table of Contents ii (01), Table of Contents iii (01), 2-3(01),2-4(01),2-5(01),4-24(01),4-26(01),4-27(01),4-32(01), 4-37(01),6-1(01),6-2(01), 6-3(00) to 6-10(00) Front : X RoHS Compliance. Rear : B1 2-4(02),2-5(02),2-20(01),3-4(01),3-9(01),4-17(01),4-37(02), 4-38(01) - 2-1(01),2-2(01),2-4(03),2-5(03),2-12(01),2-13(01),5-1(01), 5-2(01),6-9(01) - 2-1(01),2-2(01),2-4(03),2-5(03),2-12(01),2-13(01),5-1(01), 5-2(01),6-9(01) - 2-4(04),2-5(04),2-13(02) - Table of Contents-ii(02), Safety-4(01), 5-1(02)-5-4(02) - 6-11(00) - Table of Contents ii (03), Table of Contents iii (02), 1-1(01),1-2(01),4-1(01),4-2(01),4-16(01),4-42(01),6-1(02) Added pages : 2-22(00),2-23(00),2-24(00),3-14(00),4-3(00), 4-19(00),4-20(00),4-21(00),4-22(00),4-23(00),4-24(00), 4-25(00),4-46(00),4-47(00),4-48(00),4-49(00),4-50(00), 4-51(00),4-52(00),4-53(00),Apendix9(00), Apendix10(00), Apendix11(00), Apendix12(00) - 2-22(01), 2-23(01), 4-22(01), 4-23(01), 4-25(01), 4-50(01),

Revision Table for manual

© 2005-2007 Ricoh Printing Systems, Ltd. All rights reserved.

No part of this document may be reproduced without the expressed permission of Ricoh Printing Systems, Ltd.

The material in this document is for informational purposes and is subject to change without notice. Ricoh Printing Systems, Ltd. assumes no responsibility for errors or omissions in this document. No liability is assumed for any damages resulting from the use of the information it contains. This manual describes information for handling and operating the DDP184 laser printer.

NOTICE TO USER

In an effort to meet the demands of a rapidly changing technology, the manufacturer is continually developing new features and functions to meet your changing printing or printer needs. As a result, this manual may not exactly reflect future changes made to the product. Please be sure to consult all manual updates or addenda when using this product's documentation.

INTRODUCTION

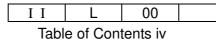
This manual provides essential information to install the DDP184 laser printer. Carefully read and understand the safety instructions in this manual before starting installation. Keep this manual on hand for reference. DDP184 represent the model LB184A### laser printer. (#:0-9, A-Z or blank). BLANK

A SAFETY SUMMARY	
1. General Safety Guidelines	Safety-1
2. Hazard Warning Statements	•
2.1 WARNING Statement	-
CHAPTER 1. INSTALLATION REQUIREM	
1.1 APPLICATION	
1.2 INSTALLATION AREA	
1.3 INSTALLING UNIT	
1.4 Tools Required	
1.5 Environmental Conditions	
1.6 INPUT LINE VOLTAGE	
CHAPTER 2. UNPACKING	2-1
2.1 UNPACKING OF THE FRONT ENGINE AND REAR E	
2.1.1 Components in the package	2-1
2.1.2 Unpacking Procedures	
2.1.3 Parts Check in the Accessory Box	
2.2 UNPACKING OF THE FINISHER	
2.2.1 Components in the package	
2.2.2 Unpacking Procedures	
2.2.3 Parts Check in the Accessory Box	
2.3 UNPACKING OF THE RELAY UNIT	
2.3.1 Components in the package	
2.3.2 Unpacking Procedures	
2.4 UNPACKING OF THE SERVER	
2.4.1 Components in the package	
2.4.2 Unpacking Procedures	
2.4.3 Parts Check in the Accessory Box	
2.5 UNPACKING OF THE HIGH CAPACITY HOPPER	
2.5.2 Unpacking Procedures	
2.6 UNPACKING OF THE CONTAINER STACKER 1 OR 2	
2.6.1 Confirmation of Parts Quantities	2-16
2.6.2 Unpacking Procedures	
2.6.3 Parts Check in the Accessory Box	2-19
2.7 UNPACKING OF THE COVER SHEET FEEDER	
2.7.1 Confirmation of Parts Quantities	
2.7.2 Unpacking Procedures	
2.7.3 Parts Check in the Accessory Box	2-21

2 2 2.9 2.9 2	UNPACKING OF THE TRANSIT PASS UNIT TYPE DDP	2-22 2-22 2-23 2-24 2-24 2-24
CHA	PTER 3. PREPARATION FOR INSTALLATION	3-1
	PREPARATION FOR INSTALLATION OF THE PRINTER	
-	.1.1 Removing the Protection Tape and Mat from the Front and Rear Engine	
	.1.2 Set the PS Air Filter for the Engine Rear Cover	
	.1.3 Removing the Protection Tape from 2000 Sheet Hopper. (Only Front Engine)	
	.1.4 Removing the Protection Tape from 500 Sheet Hopper (Only Front Engine)	
	.1.5 Removing the Protection Tape from the Relay Unit PREPARATION FOR INSTALLATION OF THE FINISHER	
3.2 3.3		
3.3 3.4		
3.5		
0.0		
CHA	PTER 4. INSTALLATION	4-4
4.1	INSTALLATION IN THE COMPOSITION OF THE PRINTER AND FINISHER	4-1
4.2		
4.3		
4	.3.1 Connection of the Rear Engine and Container Stacker 1 or 2	
4	.3.2 Connection of the Container Stacker 1 and Container Stacker 2	4-37
4	.3.3 Connection of the Container Stacker 2 and Finisher	4-42
4.4	INSTALLATION IN THE COMPOSITION WITH THE COVER SHEET FEEDER	4-54
~		
CHA	PTER 5. POWERING ON THE PRINTER AND THE DDP SERV	
5.1		-
	CHECK BEFORE POWERING ON THE PRINTER AND THE SERVER	
	Powering On the Printer	
5.4	Powering On the Server	5-4
CHA	PTER 6. CHECKS	6-1
6.1	CHECK THE DIP SWITCH ON CP P/K FOR CONFIGURATION	6-1
6.2		
	CHECK THE DETACH VOLTAGE	
6.4		-
6.5		
	CONFIRMATION OF PAPER SKEW	
6.7	CHECK THE TRAY CALIBRATION	6-9

6.8 6.9	CONFIRMATION OF THE STAPLING
APPI	ENDIX 1. INSTALLATION AREA INFORMATION 1
APPI	ENDIX 2. LOCATIONS OF THE LEVELING BOLT AND CASTER 9
APPI	ENDIX 3. CONNECTOR MOUNTING DIAGRAM
APPI	ENDIX 4. DETACH VOLTAGE ADJUSTMENT (WHEN THE
	INSTALLATION SITE IS 1,300FT OR MORE) 13

BLANK



A SAFETY SUMMARY

The hazard warnings which appear on the warning labels on the machine or in the manual have one of the following alert headings consisting of an alert symbol and a signal word, DANGER, WARINIG, or CAUTION.

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
A DANGER:	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
WARNING:	Indicated a potentially hazardous situation which, if not avoided, can result in death or serious injury.
A CAUTION:	Indicates a hazardous situation which, if not avoided, will or can result in minor or moderate injury, or serious damage of product.
CAUTION:	Indicates a potentially hazardous situation which, if not avoided, may result in property damage.

1. A General Safety Guidelines

Before operating the machine, read the following instructions carefully:

- Follow all the installation procedures provided in this manual.
- Pay special attention to and follow all the hazard warnings on the machine and in the manual. Failure to do so can cause injury to yourself or damage to the machine.
- Do not perform any installation in any way other than as provided in this manual.
- Keep in mind that the hazard warnings in this manual or on the machine cannot cover every possible case, as it is impossible to predict and evaluate all circumstances beforehand. Be alert and use your common sense.



A SAFETY SUMMARY (Continued)

2. A Hazard Warning Statements

The following are the hazard warning statements contained in this manual.

2.1 **A** WARNING Statement

 Leave over than 400mm at the rear of the Printer for ventilation. Otherwise print quality may be degraded.

(Section 1.2, Page 1-1)

• Be careful when unpacking using the crane or forklift. Do not to drop device, hit it against something, or turn it over on its side.

(Section 2.1,Page 2-1) (Section 2.2,Page 2-6) (Section 2.3,Page 2-9) (Section 2.6,Page 2-16)

• Perform unpacking where there is no dust or water leaking.

(Section 2.1,Page 2-1) (Section 2.2,Page 2-6) (Section 2.3,Page 2-9) (Section 2.4,Page 2-12) (Section 2.5,Page 2-14) (Section 2.6,Page 2-16) (Section 2.7,Page 2-20)

• Do not place heavy objects which weigh 5 kg or more on device.

(Section 2.1,Page 2-1) (Section 2.2,Page 2-6) (Section 2.3,Page 2-9) (Section 2.5,Page 2-14) (Section 2.6,Page 2-16)

 Be careful when lifting device with the forklift so device is well-balanced on the arms of the lift. Also put the packing (cushion) between device and the forklift so device is not damaged.

> (Section 2.1,Page 2-1) (Section 2.2,Page 2-6) (Section 2.3,Page 2-9) (Section 2.6,Page 2-16)

```
II L 00
```

A SAFETY SUMMARY (Continued)

Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device. Do not move device on unleveled floor. Do not tilt device 15 ° or more.

(Section 2.4, Page 2-12) (Section 2.5, Page 2-14) (Section 2.6, Page 2-16) Choose the location to place device where the slope is less than 15°. (Only left and right (Section 2.1, Page 2-1) (Section 2.2, Page 2-6) (Section 2.3, Page 2-9) (Section 2.1, Page 2-1) (Section 2.2, Page 2-6) (Section 2.3, Page 2-9) (Section 2.4, Page 2-12) (Section 2.5, Page 2-14) (Section 2.6, Page 2-16)

Choose the location to place device where there is no condensation.

direction from view of operator's side.)

Do not place objects on device.

Choose the location to place device where the slope is less than 15°.

(Section 2.4, Page 2-12) (Section 2.5, Page 2-14) (Section 2.6, Page 2-16)

(Section 2.4, Page 2-12)

(Section 2.1, Page 2-1) (Section 2.2, Page 2-6) (Section 2.3, Page 2-9)

The voltage is constantly in unless the machine is unplugged or Breaker Switch is turned off. (Section 4.1, Page 4-12)

Unplug the Power Supply Cable prior to connecting the power supply source.

(Section 4.1, Page 4-12)

Be careful not to have other personnel plug in the power cable while performing the connecting. (Section 4.1, Page 4-12)

> ΙI L 00

A SAFETY SUMMARY (Continued)

• Unplug the Power Supply Cable prior to connecting.

.

(Section 4.1, Page 4-12)

- Be careful not to have other personnel plug in the power cable while performing the connecting. (Section 4.1,Page 4-12)
- Be sure to use power supply cable which complies with the following specification :

 Power plug rating ;
 Min. AC 250V, Min. 15A (2-Pole, 3-Wire, Grounded)

 6-15P UL Listed, CSA Certified in North America

 Type CA, Conformed to IEC 950 in Europe

 Power cable rating ;

 Min. AC 250V, Min. 15A

 Type SJT or SVT, UL Listed, CSA Certified in North America

 Conformed to IEC 950 in Europe

(Section 4.1, Page 4-12)

 Use the Power Supply Cable which is approximately 50 mm longer for the FG. The cable should be designed as below, so the FG power cable remains connected if the other cables are accidentally disconnected.

(Section 4.1, Page 4-12)

 Make sure that the power cables are connected to the correct terminals ("L", "N") on the power plug and Terminal Block. (FG power cable is connected to chassis.)

(Section 4.1, Page 4-12)

• The socket-outlet shall be installed near the printer and be easily accessible.

(Section 4.1,Page 4-12)

• In the event of an emergency, POWER OFF the printer by turning the Power Switch to "O". (Section 5.3,Page 5-3)

	II	L	01	
_		Cata	.	

Chapter 1. Installation Requirements

1.1 Application

This specification is applied to the DDP184 Printer for Unpacking, Installing and Adjustment.

1.2 Installation Area

Installation area is shown in Appendix 1.1–1.12 corresponding to Table 1.1.

Tab	ole 1.1 Insta	allation area	<u>a</u>				
Appendix	Printer	Finisher	Transit Pass Unit Type DDP	Finisher SR5000	High Capacity Hopper	Container Stacker 1	Container Stacker 2
1.1	Х	X					
1.2	Х	X			X		
1.3	Х					X	
1.4	Х				X	Х	
1.5	Х					X	X
1.6	Х				X	Х	X
1.7	Х	X					X
1.8	Х	X			X		X
1.9	Х		X	X			
1.10	Х		X	X	X		
1.11	Х		X	X			Х
1.12	Х		X	X	X		Х

X: Composed



Leave over than 400mm at the rear of the Printer for ventilation. Otherwise print quality may be degraded.

1.3 Installation Unit

Locations of the leveling bolt and Caster is shown in Appendix 2.1–2.4.

1.4 Tools Required

Table	1.2	Tools	Rea	uired

Item	Name	Usage
1	Cutter	Unpacking
	Phillips Screw Driver NO.2 shaft length; approx. 40 and 100mm	Removing and installing the screw for covers
3	Adjustable Open End Wrench	Leveling the bolt Fixing the leveling the bolts
4	Level Meter	Installation the Container Stacker

1.5 Environmental Conditions

Table 1.3 Environmental Conditions

Items	Value
Temperature	10 ~32 °C (50 ~ 89.6°F)
Humidity	20 ~80 %RH
	(Wet Bulb 26 °C (78.8 °F) max.)
Altitude	0 to 2,100 m (0 to 7,000 feet) max.

1.6 Input Line Voltage

Table 1.4 Print Engine Input Line Voltage

Input Line Voltage	AC 200V ~ AC 240V x 2 lines
Phase	Single Phase, two wires and grounding wire
Frequency	50/60 Hz ±1Hz
Transient (Static)	±10%
Transient (Dynamic)	-18%/+15% 500ms
Drop out	-100%, 20ms

Table 1.5 DDP Server Input Line Voltage

Input Line Voltage	AC 100V ~ AC 240V			
Phase	Single Phase, two wires and grounding wire			
Frequency	50/60 Hz ±1Hz			
Transient (Static)	±10%			

L	01	

Chapter 2. Unpacking

2.1 Unpacking of the Front Engine and Rear Engine

- 1) Be careful when unpacking using the crane or forklift. Do not to drop device, hit it against something, or turn it over on its side.
- 2) Perform unpacking where there is no dust or water leaking.
- 3) Do not place heavy objects which weigh 5 kg or more on device.
- 4) Be careful when lifting device with the forklift so device is well-balanced on the arms of the lift. Also put the packing (cushion) between device and forklift so device is not damaged.
- 5) Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device. Do not move device on unleveled floor. Do not tilt device 15 $^\circ$ or more.
- Choose the location to place device where the slope is less than 15 °. (Only left and right direction from view of operator's side.)
- 7) Choose the location to place device where there is no condensation.

2.1.1 Components in the package

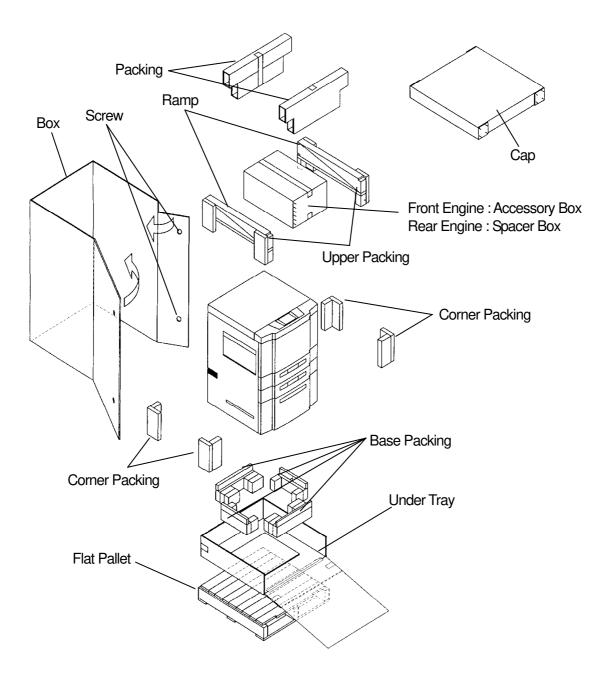
Table 2.1 Components in the package

Unit of Packing	Qua	Intity
	Front Engine	Rear Engine
Engine	1	1
Accessory Box	1	-

ΙI	L	01	
	Unpack	ing 2-1	

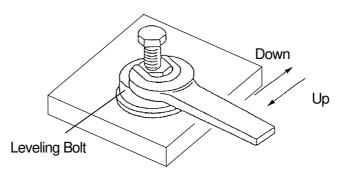
2.1.2 Unpacking Procedures

- 1) Cut the V Bands and remove the Cap.
- 2) Remove the screws.
- 3) Remove the Packing, Accessory box or Spacer Box, Ramps, Upper Packing.
- 4) Remove the Box, Corner Packing.

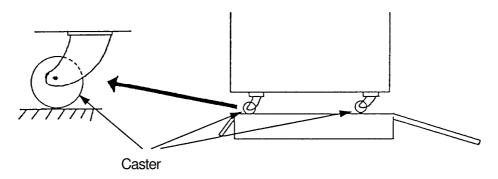


ΙI	L	01	
	Unpack	ing 2-2	

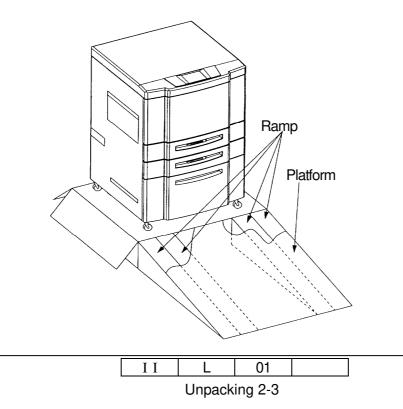
Jack up the Engine by rotating the leveling bolts.
 Put the wood spacer (It is taken out from the accessories box.) under four leveling bolts.
 Jack up the Engine by rotating the leveling bolts.

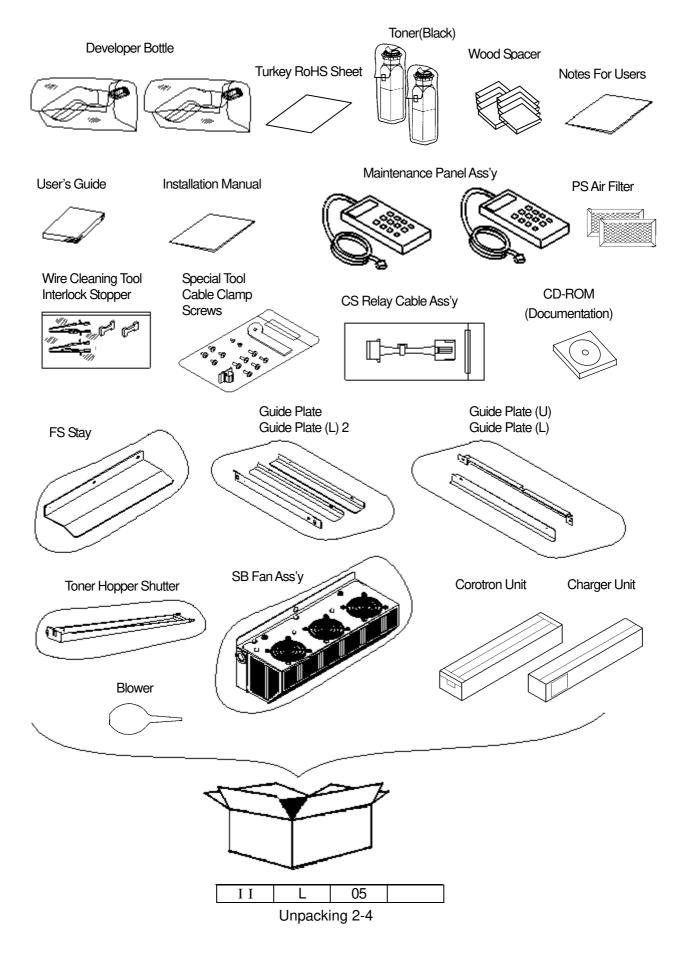


- 6) Remove the Base Packing.
- 7) Place all Casters in the same direction.



- 8) Lower the Engine on the Under Tray and screw the leveling bolts in all the way.
- 9) Attach the four Ramps under the Platform.
- 10) Carefully roll the Engine off the Tray.





No.	Parts Name	Qty	Use
1	USER'S GUIDE	1	For Customer
2	DEVELOPER BOTTLE	2	For Developer exhaust
3	MAINTENANCE PANEL ASSY	2	For Customer Engineer
4	BLOWER	1	For Customer Engineer and Customer
5	WIRE CLEANING TOOL	2	For Customer Engineer
6	INTERLOCK STOPPER	2	For Customer Engineer
7	TONER(BLACK)	2	
8	SB FAN ASSY	1	
9	FS STAY	1	
10	GUIDE PLATE (U)	1	
11	GUIDE PLATE (L)	1	
12	GUIDE PLATE	2	
13	GUIDE PLATE (L) 2	1	
14	M4x8 SCREW	20	
15	M3x6 BIND SCREW	2	
16	M4x8 TAP SCREW	2	
17	CABLE CLAMP	1	
18	TONER HOPPER SHUTTER	1	For Toner Hopper exchange
19	CS RELAY CABLE ASSY	1	For Container Stacker connection
20	CD-ROM(DOCUMENTATION)	1	For Customer
21	INSTALLATION MANUAL	1	For Customer Engineer
22	SPECIAL TOOL	1	
23	CHARGER UNIT	1	
24	COROTRON UNIT	1	
25	WOOD SPACER	8	For Customer Engineer
26	PS AIR FILTER	2	
27	NOTES FOR USERS	1	For Customer
28	TURKEY ROHS SHEET	1	For Customer

Table 2.2 Parts list in the Accessory Box

2.2 Unpacking of the Finisher



- 1) Be careful when unpacking using the crane or forklift. Do not to drop device, hit it against something, or turn it over on its side.
- 2) Perform unpacking where there is no dust or water leaking.
- 3) Do not place heavy objects which weigh 5 kg or more on device.
- 4) Be careful when lifting device with the forklift so device is well-balanced on the arms of the lift. Also put the packing (cushion) between device and forklift so device is not damaged.
- 5) Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device. Do not move device on unleveled floor. Do not tilt device 15 $^\circ$ or more.
- Choose the location to place device where the slope is less than 15 °. (Only left and right direction from view of operator's side.)
- 7) Choose the location to place device where there is no condensation.

2.2.1 Components in the package

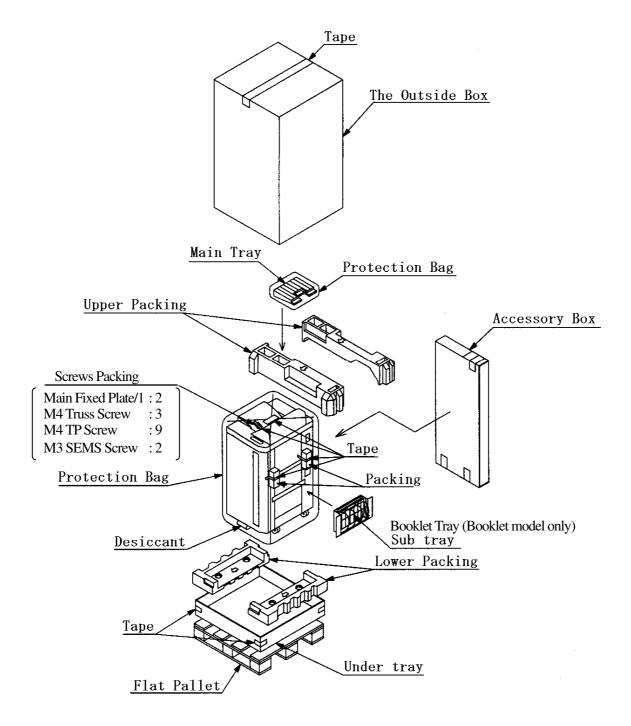
Table 2.3 Components in the package

Unit of Packing	Quantity
Finisher	1
Accessory Box	1

[ΙI	L	00	
_		Unpack	ing 2-6	

2.2.2 Unpacking Procedures

- 1) Cut the V Bands and remove the Outside Box.
- 2) Remove the two Upper packing, Accessory Box.
- 3) Remove the Tape of Protection Bag and take down the Protection Bag.
- 4) Carefully lift the Finisher by two persons and stand on Floor.



	ΙI		00	
l	11	Unpack	ing 2-7	

2.2.3 Parts Check in the Accessory Box

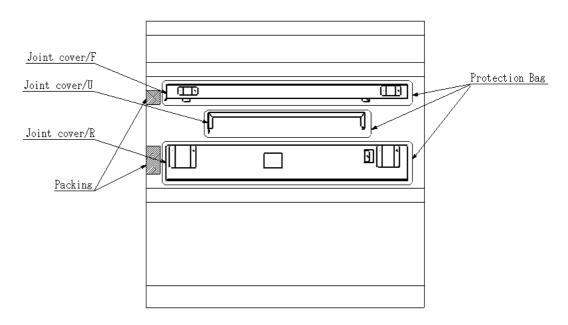


Table 2.4 Parts list in the Accessory Box

No.	Parts Name	Qty	Use
1	JOINT COVER /F	1	
2	JOINT COVER /U	1	
3	JOINT COVER /R	1	

ΙI	L	00	
	Unpack	ing 2-8	

2.3 Unpacking of the Relay Unit



- 1) Be careful when unpacking using the crane or forklift. Do not to drop device, hit it against something, or turn it over on its side.
- 2) Perform unpacking where there is no dust or water leaking.
- 3) Do not place heavy objects which weigh 5 kg or more on device.
- 4) Be careful when lifting device with the forklift so device is well-balanced on the arms of the lift. Also put the packing (cushion) between device and forklift so device is not damaged.
- 5) Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device. Do not move device on unleveled floor. Do not tilt device 15 $^\circ$ or more.
- Choose the location to place device where the slope is less than 15 °. (Only left and right direction from view of operator's side.)
- 7) Choose the location to place device where there is no condensation.

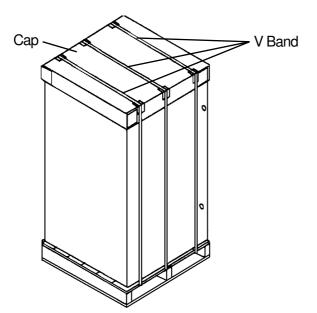
2.3.1 Components in the package

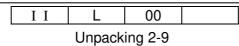
Table 2.5 Components in the package

Unit of Packing	Quantity
Relay Unit	1

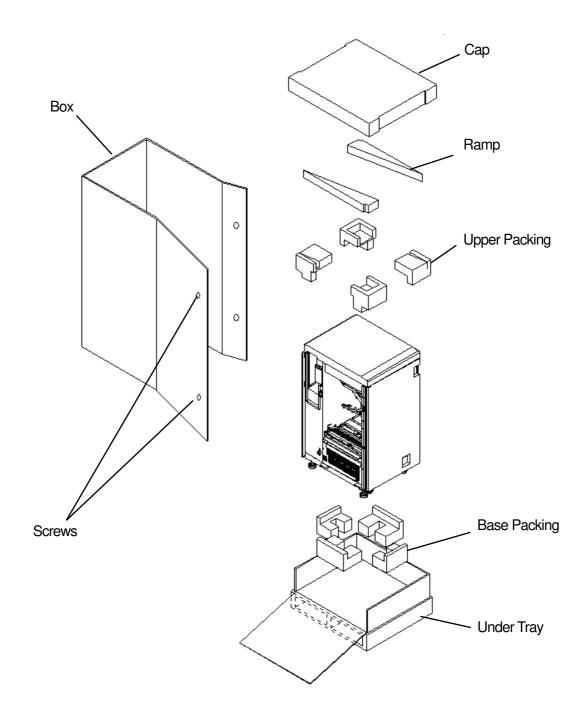
2.3.2 Unpacking Procedures

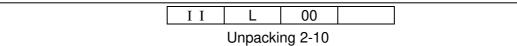
1) Cut the V Bands and remove the Cap.



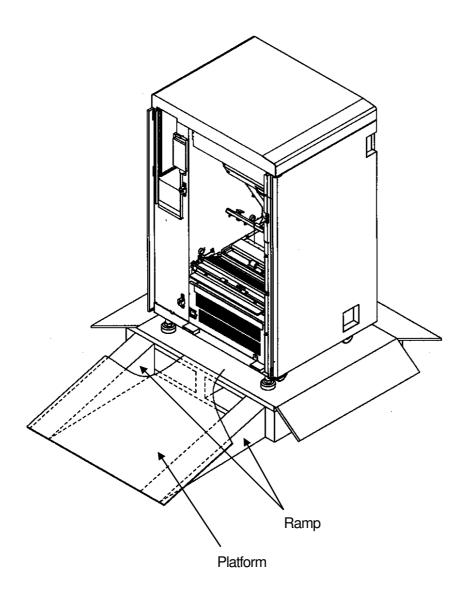


- 2) Remove the screws.
- 3) Remove the Ramps and Upper Packing.
- 4) Remove the Box and Base Packing.





- 5) Attach the two Ramps under the Platform.
- 6) Carefully roll the Relay Unit off from the Tray.



ΙΙ	L	00	
	Unpacki	na 2-11	

2.4 Unpacking of the Server



- 1) Perform unpacking where there is no dust or water leaking.
- 2) Do not place objects on device.
- 3) Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device. Do not move device on unleveled floor. Do not tilt device 15 $^\circ$ or more.
- 4) Choose the location to place device where the slope is less than 15°.
- 5) Choose the location to place device where there is no condensation.

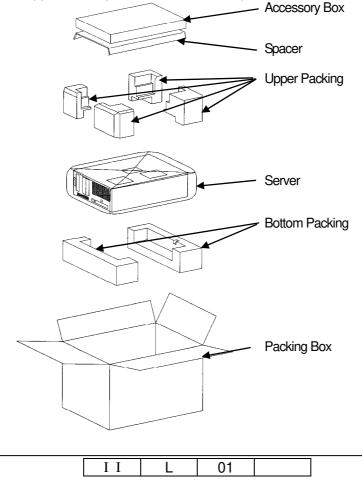
2.4.1 Components in the package

Table 2.6 Components in the package

Unit of Packing	Quantity
Server	1
Accessory Box	1

2.4.2 Unpacking Procedures

- 1) Cut the Tape of the Packing Box.
- 2) Remove the Upper Packing, Server and Accessory Box.





2.4.3 Parts Check in the Accessory Box

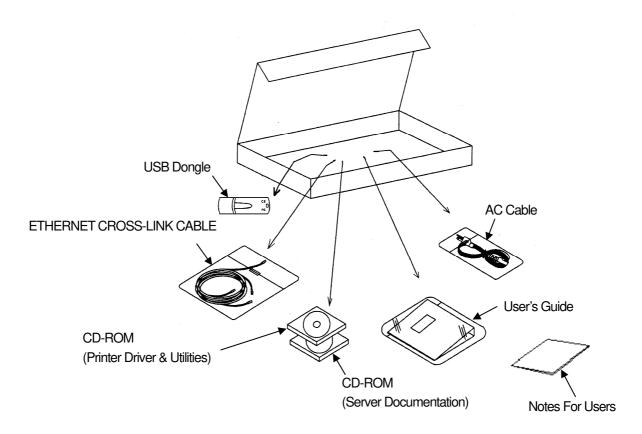


Table 2.7 Parts list in the Accessory Box

No.	Parts Name	Qty	Use
1	AC CABLE	1	
2	ETHERNET CROSS-LINK CABLE	2	
3	USB DONGLE	1	
4	USER'S GUIDE	1	
5	CD-ROM	1	Printer Driver & Utilities
6	CD-ROM	1	Server Documentation
7	NOTES FOR USERS	1	For Customer

ΙΙ	L	02	
Unpacking 2-13			

2.5 Unpacking of the High Capacity Hopper



- 1) Perform unpacking where there is no dust or water leaking.
- 2) Do not place heavy objects which weight 5 kg or more on device.
- 3) Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device. Do not move device on unleveled floor. Do not tilt device 15 $^\circ$ or more.
- Choose the location to place device where the slope is less than 15 °. (Only left and right direction from view of operator's side.)
- 5) Choose the location to place device where there is no condensation.

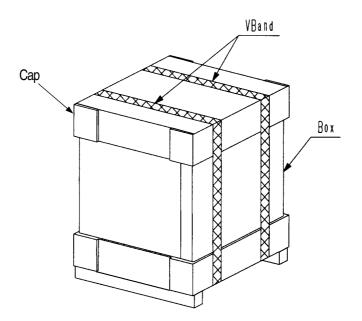
2.5.1 Confirmation of Parts Quantities

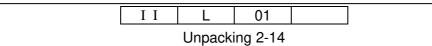
Table 2.8 Components in the pack	age	
----------------------------------	-----	--

Unit of Packing	Quantity
High Capacity Hopper	1

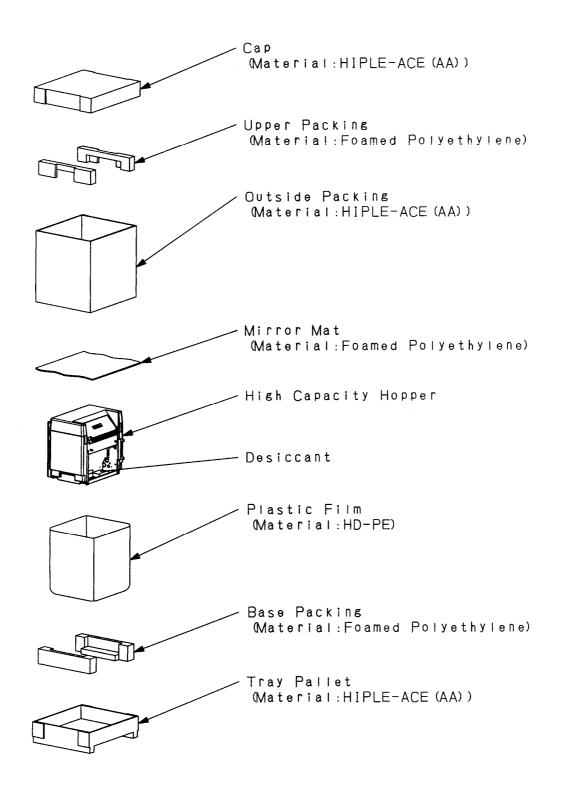
2.5.2 Unpacking Procedures

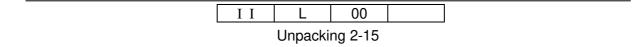
1) Cut the V Bands and remove the Cap.





- 2) Remove the two Upper Packing, Outside Packing.
- 3) Remove the High Capacity Hopper.





2.6 Unpacking of the Container Stacker 1 or 2



- 1) Be careful when unpacking using the crane or forklift. Do not to drop device, hit it against something, or turn it over on its side.
- 2) Perform unpacking where there is no dust or water leaking.
- 3) Do not place heavy objects which weigh 5 kg or more on device.
- 4) Be careful when lifting device with the forklift so device is well-balanced on the arms of the lift. Also put the packing (cushion) between device and forklift so device is not damaged.
- 5) Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device. Do not move device on unleveled floor. Do not tilt device 15 $^\circ$ or more.
- 6) Choose the location to place device where the slope is less than 15 $^{\circ}$.
- 7) Choose the location to place device where there is no condensation.

2.6.1 Confirmation of Parts Quantities

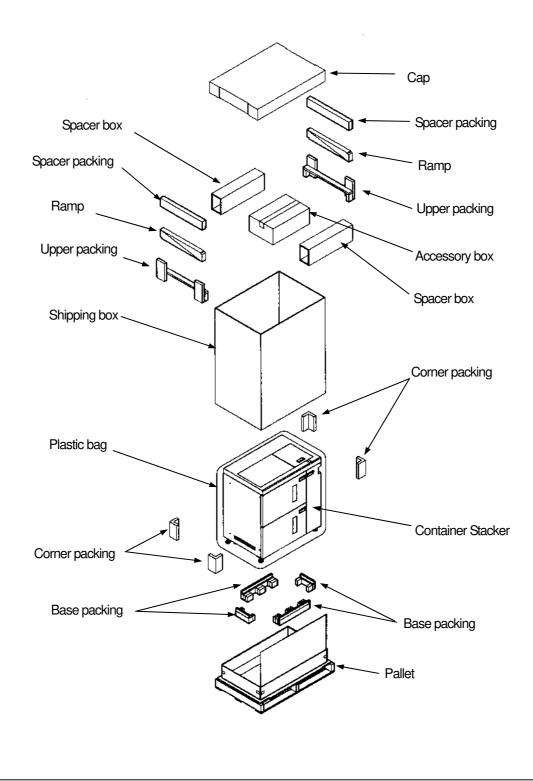
Table 2.9 Components in the package

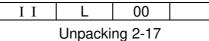
Unit of Packing	Quantity
Container Stacker 1 or Container Stacker 2	1
Accessory box	1

ΙI	L	00	
	Unpacki	ng 2-16	

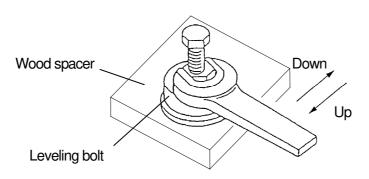
2.6.2 Unpacking Procedures

- 1) Remove the V band from the shipping box using a cutter and remove the cap.
- 2) Remove the accessory box, spacer box, spacer packing, ramp, and upper packing.
- 3) Remove the shipping box, P.P band and four corner packing.
- 4) Peeling off the adhesive tapes, remove the plastic bag.
- 5) Cut the tape for corner on pallet, and push down the side of pallet to outside.

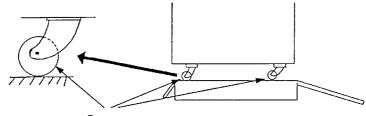




- 6) Remove the tape for leveling bolt, and take out four wood spacers from accessory box, it puts on the bottom of leveling bolts (under plastic bag), turned the leveling bolt by using the Adjustable Open End Wrench, and raised the Container Stacker.
- 7) Remove the four base packing.

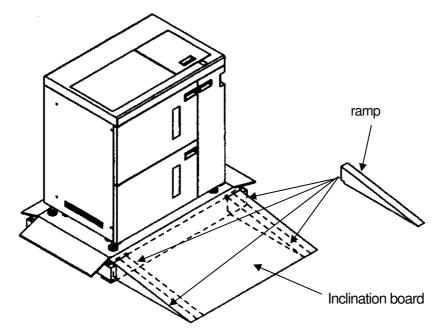


8) Turned the all casters in the same direction.

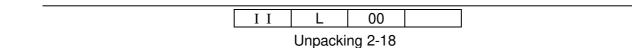


Caster

9) Install the ramp to the bottom of an inclination board. (Ramp is two pieces to both sides).



- 10) Raised the leveling bolt and remove the wood spacer.
- 11) Carefully lift down the Container Stacker on the floor.



2.6.3 Parts Check in the Accessory Box

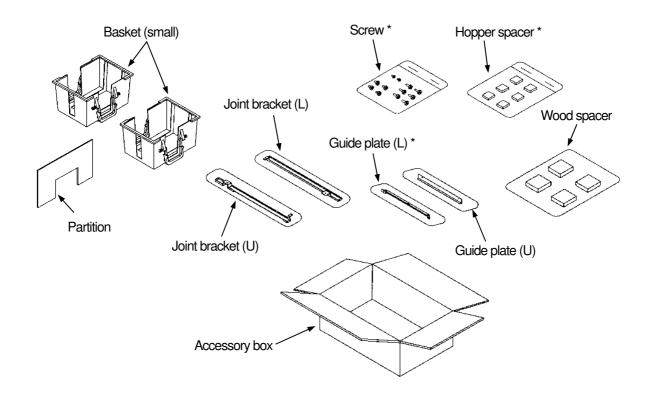


Table 2.10 Parts list in the Accessory Box

No.	Parts Name	Qty	Note
1	JOINT BRACKET (L)	1	
2	JOINT BRACKET (U)	1	
3	GUIDE PLATE (L)	1	
4	GUIDE PLATE (U)	1	
5	BASKET (SMALL)	2	
6	HOPPER SPACER	6	
7	WOOD SPACER	4	
8	SCREW	12	(1) M3 x 8 2 pieces (2) M4 x 8 4 pieces (3) M4 x 12 6 pieces

[Note]

* In the case of composition of that the Container Stacker 1 and 2 connect, the Hopper Spacer and the Guide plate (L) and the two M3 x 8 Screws in one of the two Accessories are not used.

2.7 Unpacking of the Cover Sheet Feeder

(Use only FS-108H & FS-108HBM, No RoHS Compliance Unit)



Perform unpacking where there is no dust or water leaking.

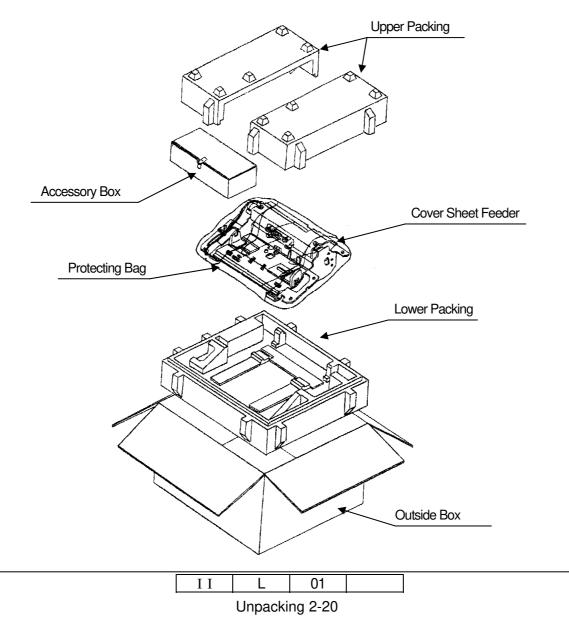
2.7.1 Components in the package

Table 2.11 Components in the package

Unit of Packing	Quantity
Cover Sheet Feeder	1
Accessory Box	1

2.7.2 Unpacking Procedures

- 1) Remove the Outside Box.
- 2) Remove the two Upper packing, Accessory Box.
- 3) Remove the Tape of Protection Bag and take down the Protection Bag.



2.7.3 Parts Check in the Accessory Box

Table 2.12 Parts list in the Accessory Box

No.	2.12 Parts list in the Accessory Box Name	Shape	Quantity
1	PI-108H P/K		1
2	Pre sensor assay		1
3	Guide axis		1
4	Miniclamp		2
5	Locking wire saddle		5
6	Locking stopper	- Contraction of the second se	4
7	Nylon clamp		3
8	M3 x 8 Tapping screw with washer		5
9	M4 x 6 TP screw		6

[ΙI	L	00	
		Unpacki	ng 2-21	

2.8 Unpacking of the Transit Pass Unit Type DDP



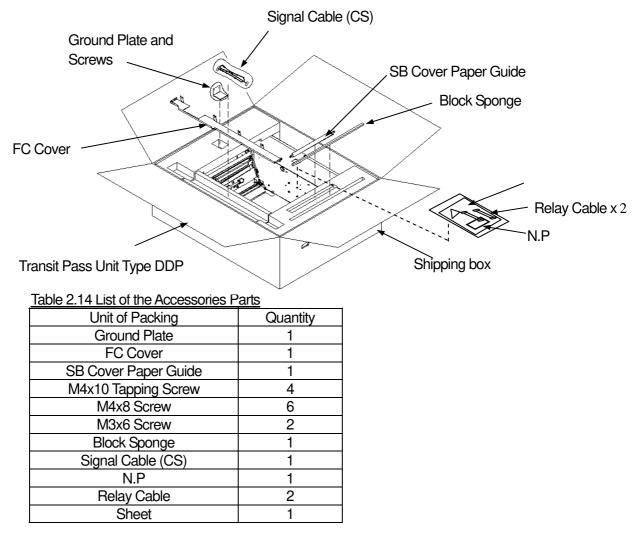
- 1) Perform unpacking where there is no dust or water leaking.
- 2) Do not place heavy objects which weight 5 kg or more on device.
- 3) Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device.
- 4) Choose the location to place device where there is no condensation.

2.8.1 Confirmation of Parts Quantities

Table 2.13 Components in the package

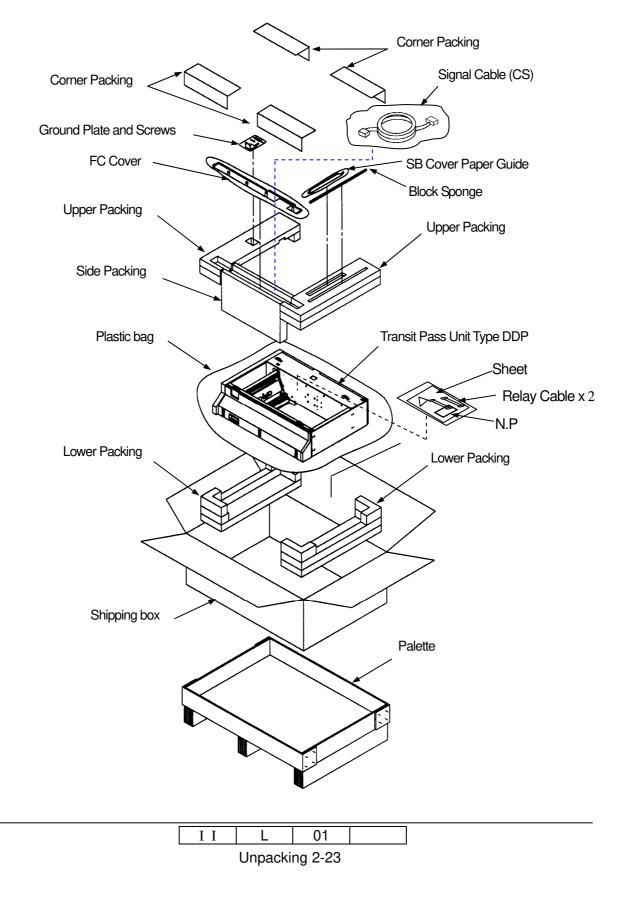
Unit of Packing	Quantity
Transit Pass Unit Type DDP	1

2.8.2 Confirmation of the Accessories Parts



2.8.3 Unpacking Procedures

- 1) Open the Shipping box.
- 2) Remove the Accessories parts and two Upper Packing.
- 3) Remove the Transit Pass Unit Type DDP.



2.9 Unpacking of the Finisher SR5000



1) Perform unpacking where there is no dust or water leaking.

- 2) Do not place heavy objects which weight 5 kg or more on device.
- 3) Observe the speed limit of 300 mm/sec. (1.08 km/hr) when moving device.
- 4) Choose the location to place device where there is no condensation.

2.9.1 Confirmation of Parts Quantities

Table 2.15 Components in the package

Unit of Packing	Quantity
Finisher SR5000	1

2.9.2 Unpacking Procedures

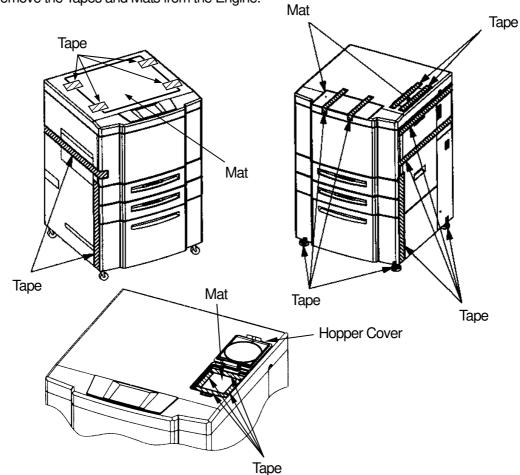
1) According to the Unpacking Procedure of the Finisher SR5000.

 ΙΙ	L	00	
	Unpacki	ing 2-24	

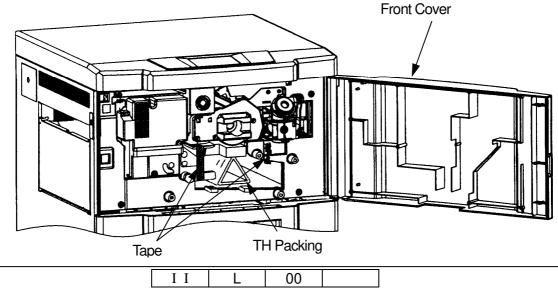
Chapter 3. Preparation for Installation

3.1 Preparation for Installation of the Printer

- 3.1.1 Removing the Protection Tape and Mat from the Front and Rear Engine
 - 1) Remove the Tapes and Mats from the Engine.

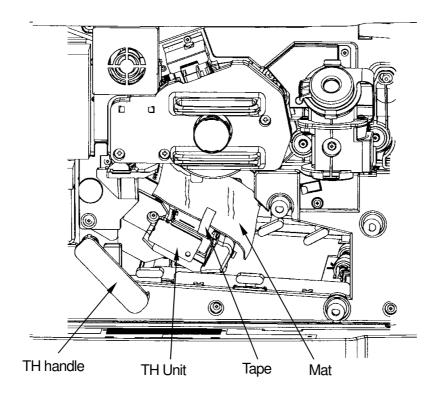


- 2) Open the Front Cover.
- 3) Remove the Tapes and TH Packing.

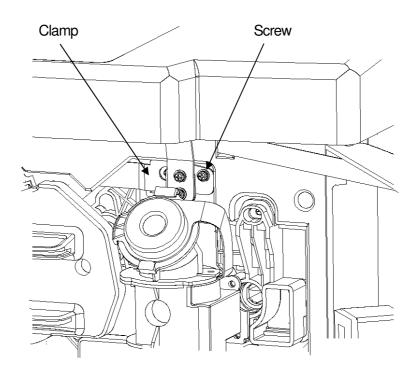


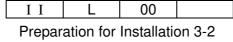
Preparation for Installation 3-1

- 4) Turn the TH handle clockwise to open the TH Unit.
- 5) Remove the Tapes and Mat.

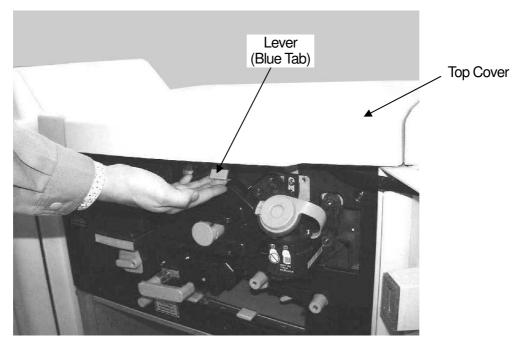


- 6) Turn the TH Handle counterclockwise to close the TH Unit.
- 7) Remove the M4 screw and Clamp for transportation. (Only Rear Engine)

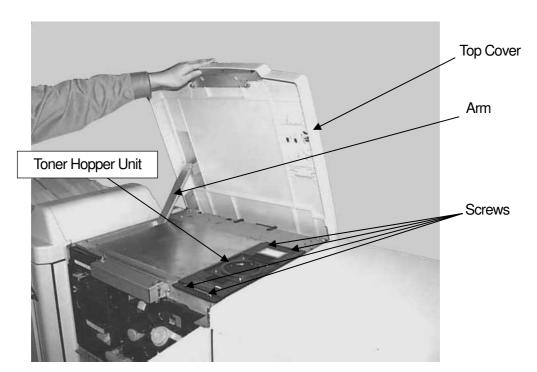




8) Pull the Lever to open the Top Cover. (Only Rear Engine)



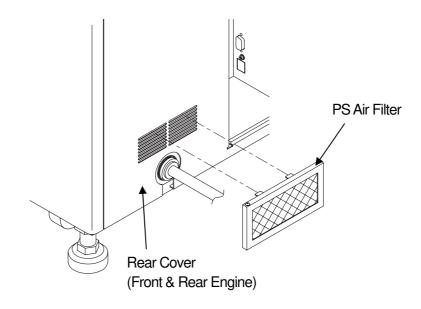
- 9) Lift the Top Cover until it locks into place.
- 10)Remove the four screws which fix the Toner Hopper Unit on to the frame.
- 11)Lift the Arm and close the Top Cover.



ΙΙ	L	00	
Prepar	ation for	Installatio	on 3-3

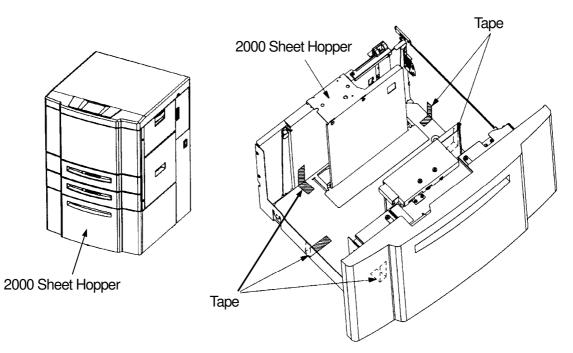
3.1.2 Set the PS Air Filter for the Engine Rear Cover

- 1) Take out two PS Air Filter from Accessory Box.
- 2) Install PS Air Filter to each Rear Cover of the Front and the Rear Engine. (Refer to shown below)

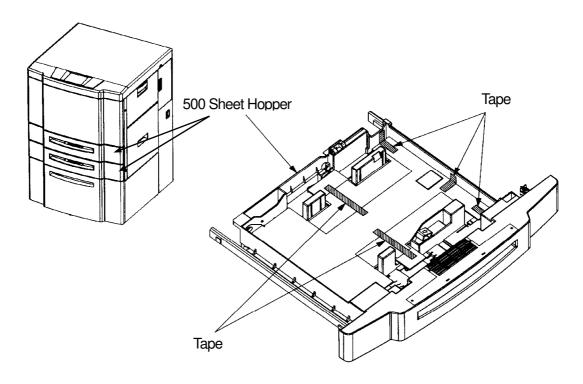


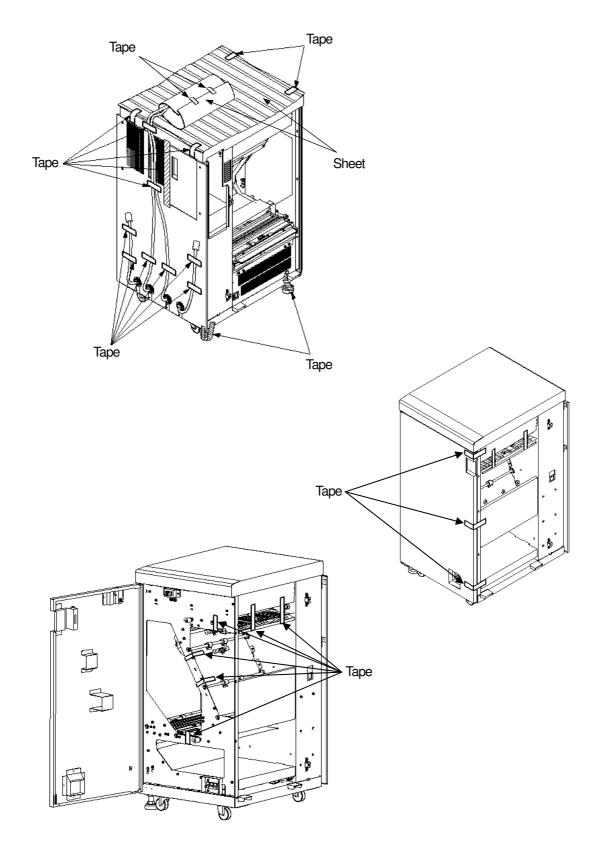
ΙI	L	01	
Prepar	ation for	Installatio	on 3-4

3.1.3 Removing the Protection Tape from 2000 Sheet Hopper. (Only Front Engine)



3.1.4 Removing the Protection Tape from 500 Sheet Hopper (Only Front Engine) ; 2 portion

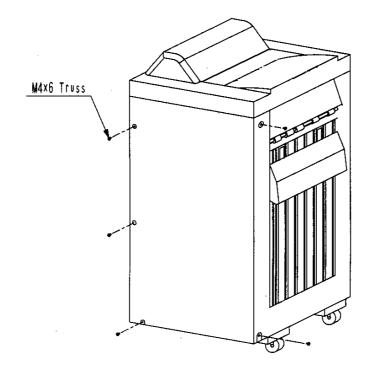




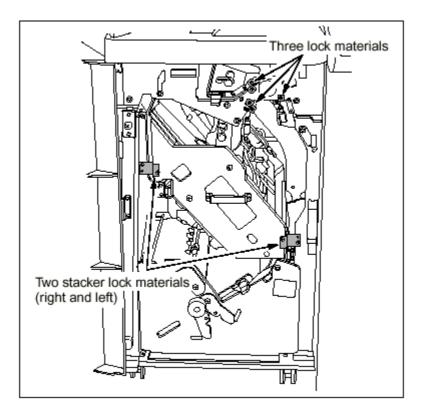
3.1.5 Removing the Protection Tape from the Relay Unit

3.2 Preparation for Installation of the Finisher

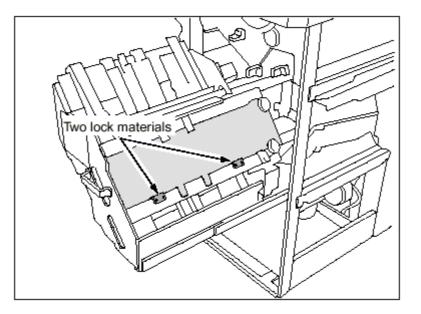
1) Unscrew the five screws to remove the Rear cover of the Finisher.



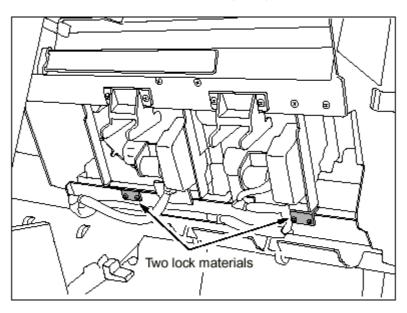
- 2) Remove three lock materials from each guide plate.
- 3) Remove two stacker lock materials (right and left).



4) Remove two lock materials inside the stacker (on the side to be joined to the main body).



5) Remove two lock materials inside the stacker (lower).

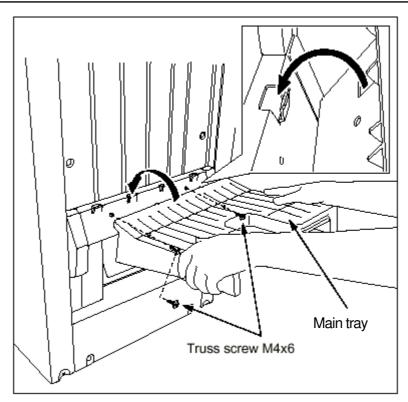


ΙI	L	00	
Prepar	ation for	Installatio	on 3-8

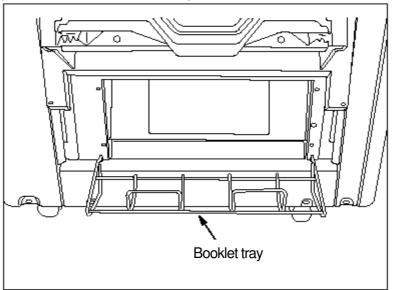
6) Install the Main tray on the up-down portion (paper exit side) of the Finisher. (Truss screw M4x6: 2)

CAUTION

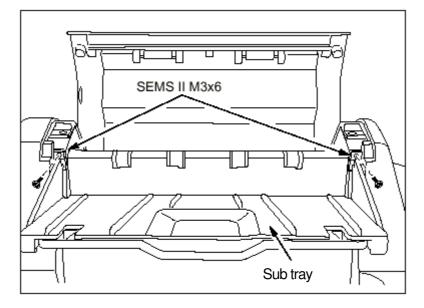
When installing the Main tray, fit the four auxiliary fittings to the guide holes of the Main tray before fixing screws.



7) Install the paper exit tray (lower) on the lower up-down portion (paper exit side) of the Finisher. (Use only FS-108HBM, No RoHS Compliance Unit)

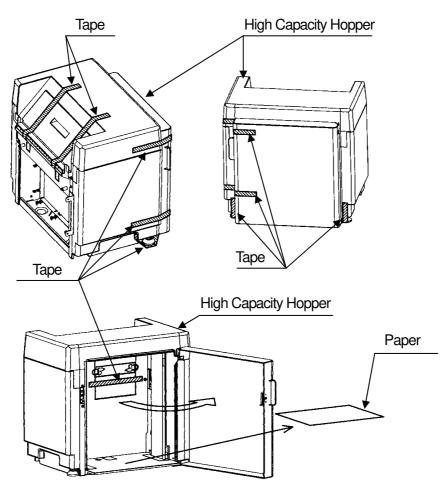


8) Install the Sub tray on the secondary exit portion, then fix it with screws. (SEMS II M3x6: 2)

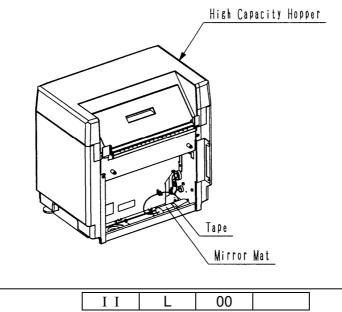


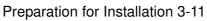
3.3 Preparation for Installation of the High Capacity Hopper

- 1) Remove the Protection Tapes from the High Capacity Hopper.
- 2) Remove the Paper.



3) Remove the Protection Tape and Mirror Mat from the High Capacity Hopper.

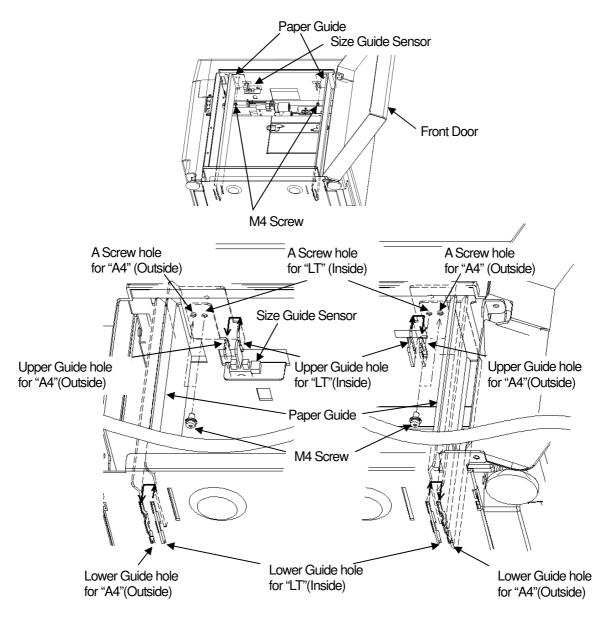




4) Confirm the Paper Guide position of the High Capacity Hopper. (LT or A4) Usually, Paper Guide position is set in "LT" at the shipment. When the customer wish to use the High Capacity Hopper in A4 paper, change the Paper Guide position according to the following steps.

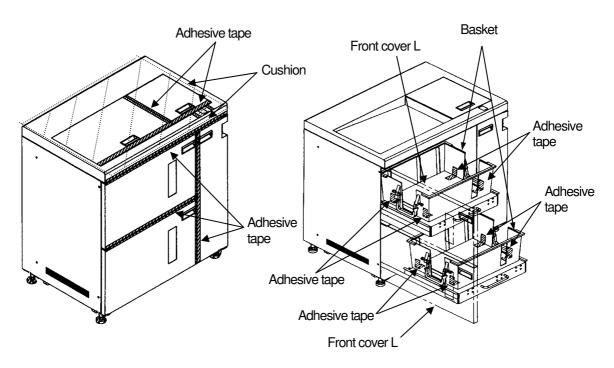
[Change procedure of the Paper Guide Position]

- 1. Open the Front door, and remove two M4 Screws.
- 2. Lift up the Paper Guide and move to the outside.
- 3. Insert the upper and lower of the Paper Guide to a Guide hole for "A4". At that time, the Paper Guide is outside of the Size Guide Sensor.
- 4. Fix the M4 Screw in a Screw hole for "A4".

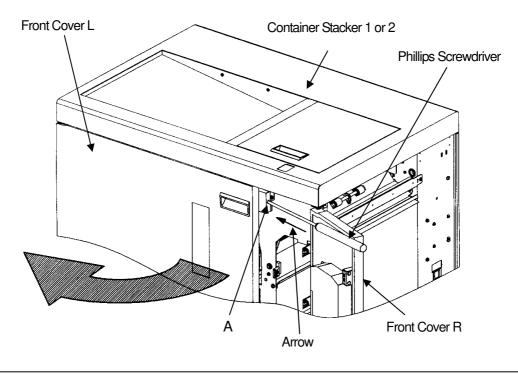


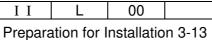
3.4 Preparation for installation of the Container Stacker 1 or 2

- 1) Peel off the Protection Tapes and cushion from the Container Stacker 1 or 2.
- 2) Open the Front Cover L and peel off the Protection Tapes.
- 3) Peel off the mat under the Basket.

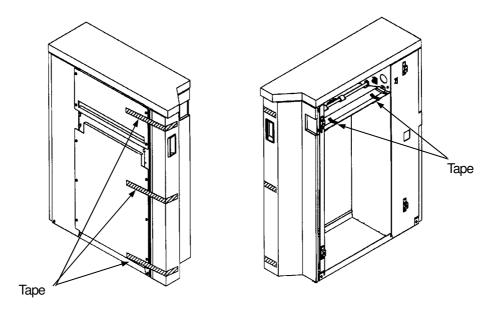


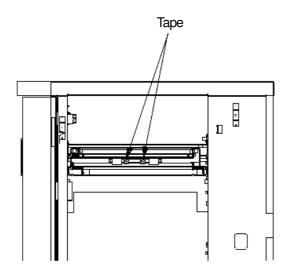
- < Opening procedure of the Front Cover L >
 - 1) Open the front cover R.
 - 2) Push A section in the direction of the arrow with Philips screwdriver and open the front cover L.





3.5 Preparation for installation of the Transit Pass Unit Type DDP1) Remove the Protection Tapes from the Transit Pass Unit Type DDP.





ΙI	L	00	
Prepara	ation for I	nstallatio	n 3-14

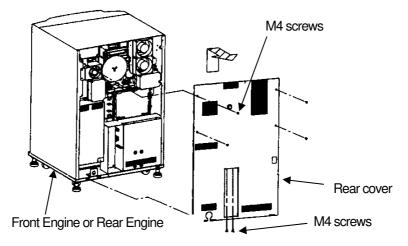
Chapter 4. Installation

4.1 Installation in the composition of the Printer and Finisher / Finisher SR5000

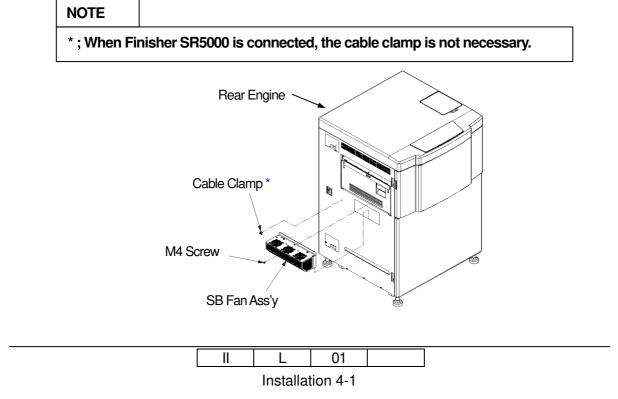
CAUTION

Don't install the Printer in any place where it will be subjected to direct sunlight since it may cause adverse effects on performance of the Printer.

- 1) Releasing the Rear Cover (Front Engine and Rear Engine)
 - (1) Unscrew the six M4 Screws.
 - (2) Unhook the bottom of the Rear Cover and release the Rear Cover. (Release the Rear Cover by lifting up and pulling forward.)

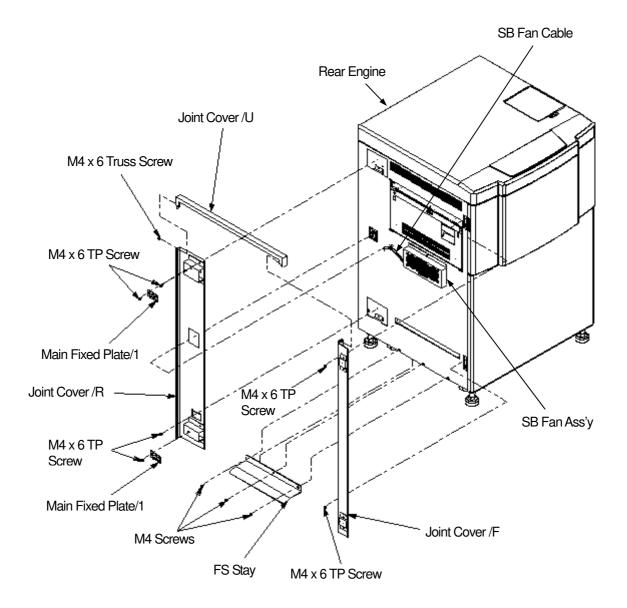


2) Install the SB Fan Ass'y to the Rear Engine by using a M4 Screw, and install the Cable Clamp.



[FS-108H/FS-108R]

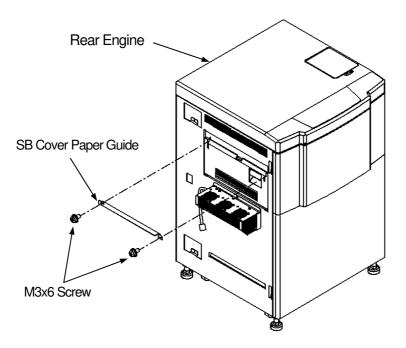
- 3) Install the Joint Cover /F, Joint Cover /U and Joint Cover /R to the Rear Engine.
- 4) Install the two Main Fixed Plate/1 to the Joint Cover /R. Connect the SB FAN Cable coming from SB FAN Ass'y to the Connector in the Rear Engine .
- 5) Install the FS Stay.



II	L	01	
	Installati	ion 4-2	-

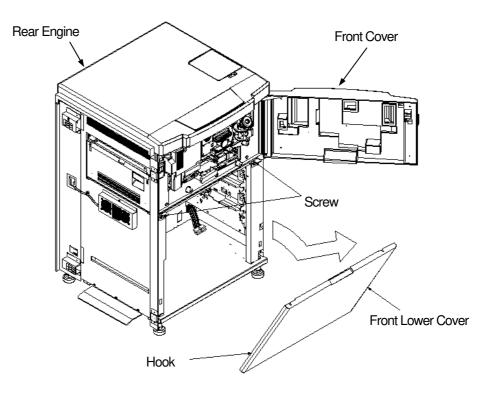
[Finisher SR5000] with Transit Pass Unit Type DDP

6) Install the SB Cover Paper Guide to the Rear Engine.



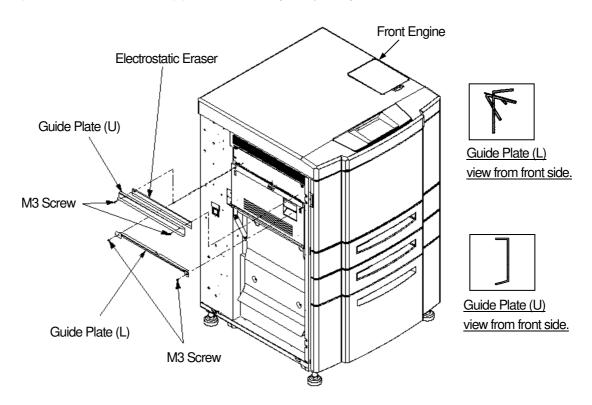
ΙI	L	00	
	Installat	ion 4-3	

- 7) Releasing the Front Lower Cover. (Rear Engine)
 - (1) Open the Front Cover
 - (2) Loosen two M4 Screws.
 - (3) Unhook the bottom of the Front Lower Cover and release the Rear Cover.

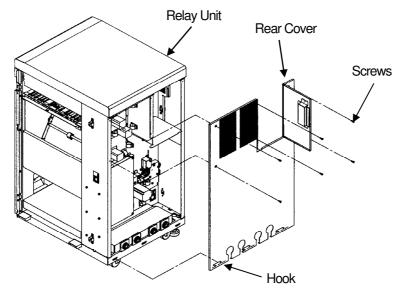


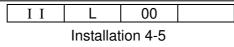
]	ΙI	L	00	
		Installat	ion 4-4	

- 8) Install the Guide Plate (U) to the Front Engine with the Electrostatic Eraser ("FRONT" letter is surface.) by using the two M3 Screws. (Be careful that the hair of the Electrostatic Eraser does not fall.)
- 9) Install the Guide Plate (L) to the Front Engine by using the two M3 Screws.

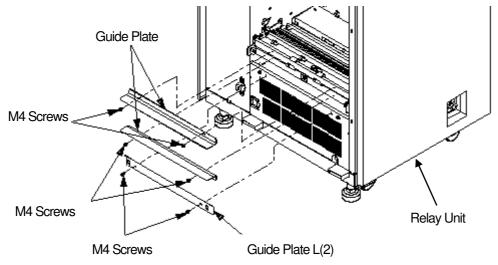


- 10) Releasing the Rear Cover. (Relay Unit)
 - (4) Unscrew the six M4 Screws.
 - (5) Unhook the bottom of the Rear Cover and release the Rear Cover. (Release the Rear Cover by lifting up and pulling forward.)





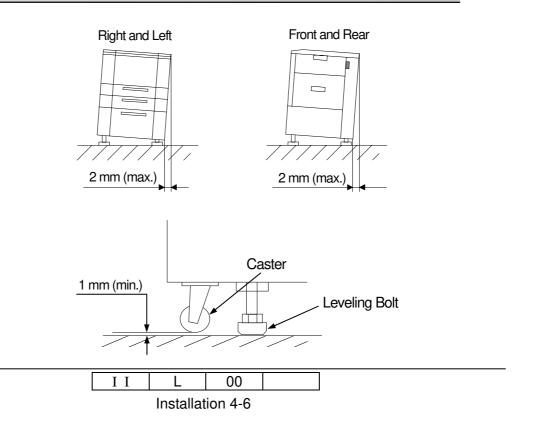
11) Install the two Guide Plate and Guide Plate L(2) to the Relay Unit by using each two M4 Screws.

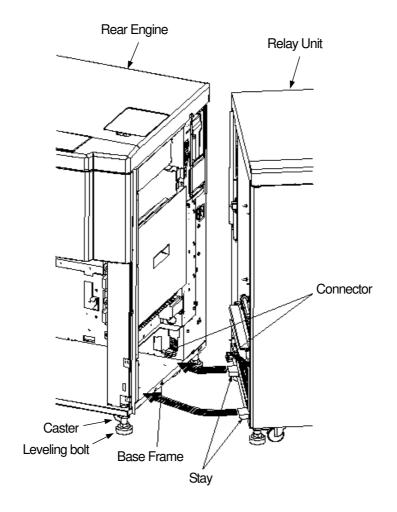


- 12) Fixing of the Printer
 - (1) Twist the four leveling bolts of the Rear Engine until the leveling bolts touch the floor.
 - (2) By half-rotate the nut of each leveling bolt of the Rear Engine, jack up the Rear Engine to set gap between the floor and Caster of the Rear Engine to about 1mm.
 - (3) Adjust height and inclination of the Rear Engine using four leveling bolts according to the following figure.

CAUTION

When height and inclination are adjusted, set gap between the floor and Caster to 1 mm or more.





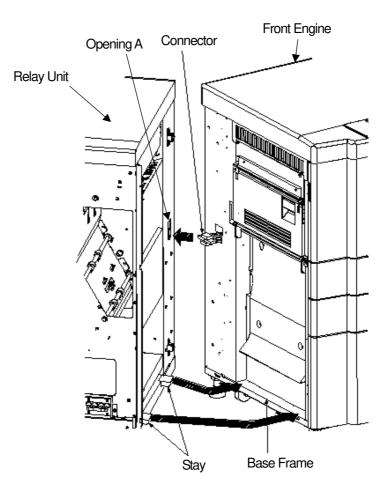
(4) Put the Stays of the Relay Unit on the Rear Engine. (Stay lay on the Base frame of Rear Engine)

CAUTION

When the Stay insert to the Base Frame, be careful not to put the cable and connector between the Rear Engine and Relay Unit.

ΙΙ	L	00	
	Installat	ion 4-7	

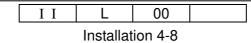
- (5) The connector of the Front Engine is inserted in opening A of the Relay Unit.
- (6) Put the Stays of Relay Unit on the Front Engine. (Stay lay on the Base frame of Front Engine)



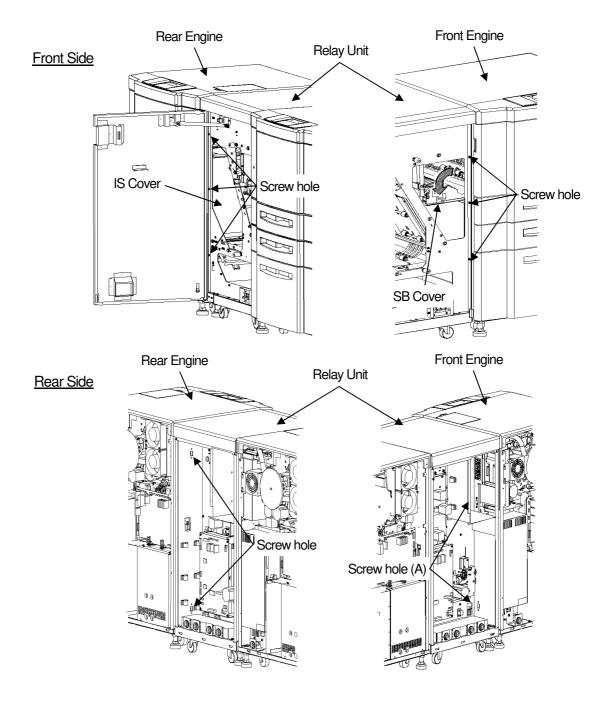
CAUTION

When the Stay insert to the Base Frame, be careful not to put the cable and connector between the Front Engine and Relay Unit.

(7) Twist the four leveling bolts of the Front Engine until the leveling bolts touch the floor.

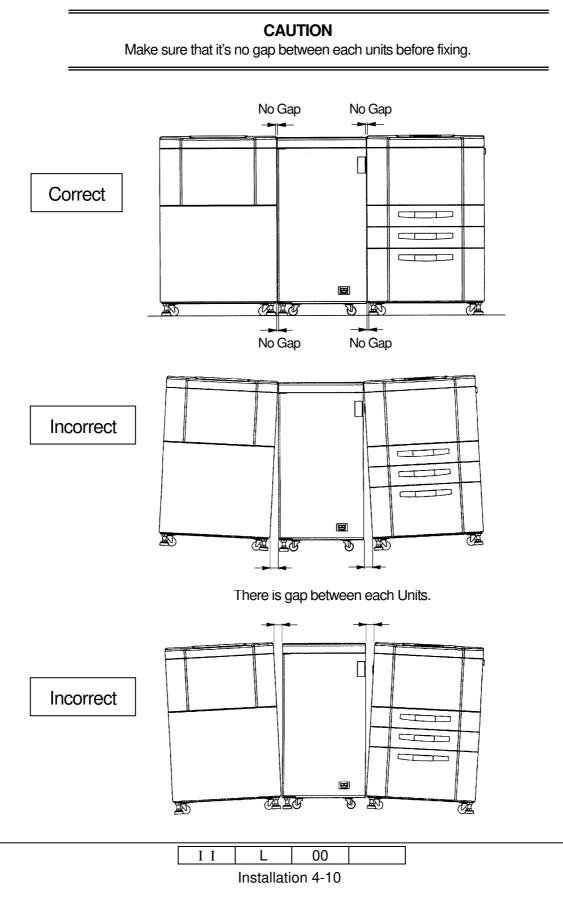


(8) Adjust the leveling bolt of the Front Engine to align the center of screw holes of the Front Engine and Rear Engine with the center of oval holes of the Relay Unit and to be no gap between the Rear Engine and Relay Unit and between the Front Engine and Relay Unit.

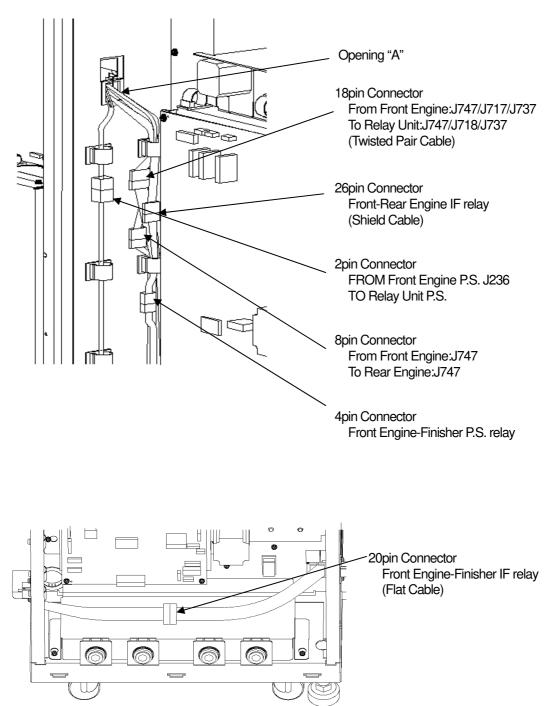


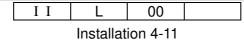
ΙI	L	00	
	Installat	ion 4-9	

- (9) Confirm to be able to open the SB cover and IS Cover.
- (10) Fix the Relay Unit, Front Engine and Rear Engine with M4 screws. Screw hole(A) should be used M4 x 8 Tap screws.

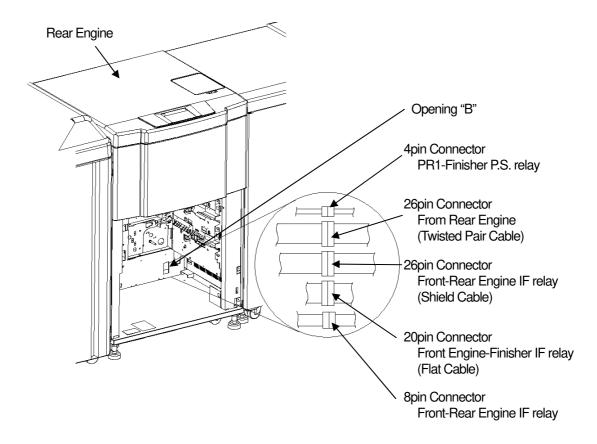


- 13) Connection of the Cables.
 - (1) Connect six cables coming from the Front Engine. At this time, put the cable through the opening "A" of the Front Engine for connection.





(2) Connect five cables coming from Relay Unit. At this time, put the cable through the opening "B" of the Rear Engine for connection.

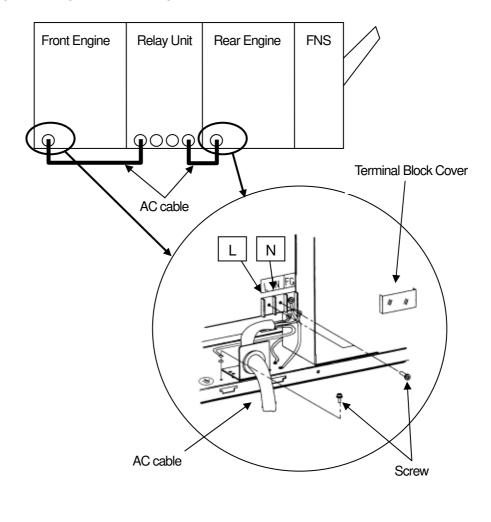


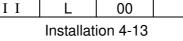
ΙI	L	00	
	Installati	on 4-12	

- (3) Connect the AC cable to Terminal Block of Front Engine Power Supply, and connect the AC cable to Terminal Block of Rear Engine Power Supply.
 - i) Put the Power Supply Cable and put it through the Cord Lock and pull it out of the Terminal Block .
 - ii) Unscrew the + screws to remove terminal block cover of power supply.
 - Connect the AC cable to the Terminal Block and chassis.
 Screw the L terminal of AC cable to L terminal of Power Supply.
 Screw the N terminal of AC cable to N terminal of Power Supply.
 Screw the FG terminal of AC cable to frame ground of Printer.
 - iv) Fasten the Power Supply Cable by the Cord Lock.



- 1) The voltage is constantly in unless the machine is unplugged or Breaker Switch is turned off.
- 2) Unplug the Power Supply Cable prior to connecting the power supply source.
- 3) Be careful not to have other personnel plug in the power cable while performing the connecting.



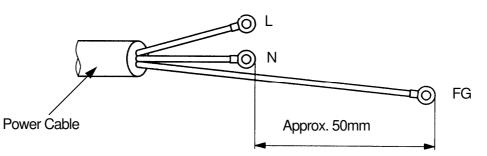




- 1) Unplug the Power Supply Cable prior to connecting.
- 2) Be careful not to have other personnel plug in the power cable while performing the connecting.
- 3) Be sure to use power supply cable which complies with the following specification :

Power plug rating ; Min. AC 250V, Min. 15A (2-Pole, 3-Wire, Grounded) 6-15P UL Listed, CSA Certified in North America Type CA, Conformed to IEC 950 in Europe Power cable rating ; Min. AC 250V, Min. 15A Type SJT or SVT, UL Listed, CSA Certified in North America Conformed to IEC 950 in Europe

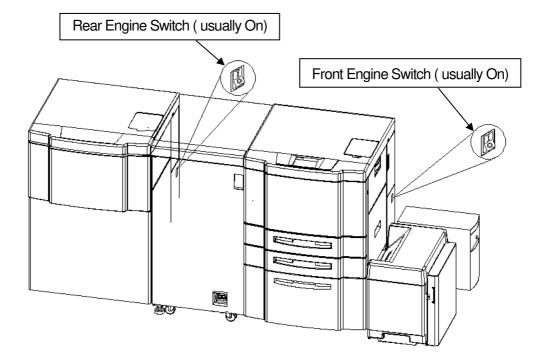
4) Use the Power Supply Cable which is approximately 50 mm longer for the FG. The cable should be designed as below, so the FG power cable remains connected if the other cables are accidentally disconnected.



- 5) Make sure that the power cables are connected to the correct terminals ("L", "N") on the power plug and Terminal Block. (FG power cable is connected to chassis.)
- 6) The socket-outlet shall be installed near the printer and be easily accessible.

ΙI	L	00	
	Installati	on 4-14	

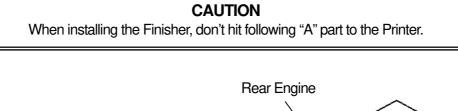
(4) Check the switches of Front Engine and Rear Engine are ON.

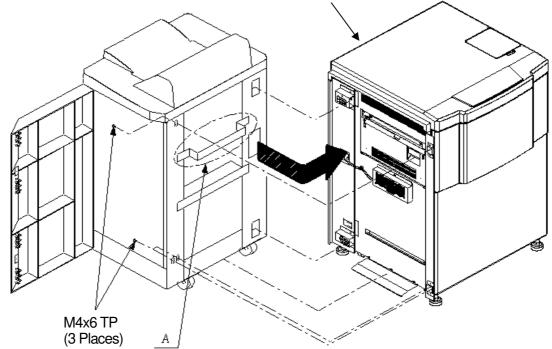


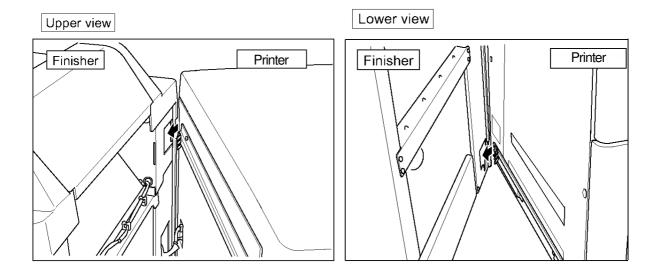
ΙI	L	00	
	Installati	on 4-15	

[FS-108H/FS-108R]

- 14) Install the Finisher to the Printer.
 - (1) Fit the hooks on the main body installation plates (upper and lower) into the upper and lower holes on the Finisher as illustrated below, then lock them by pushing the Finisher to the back.



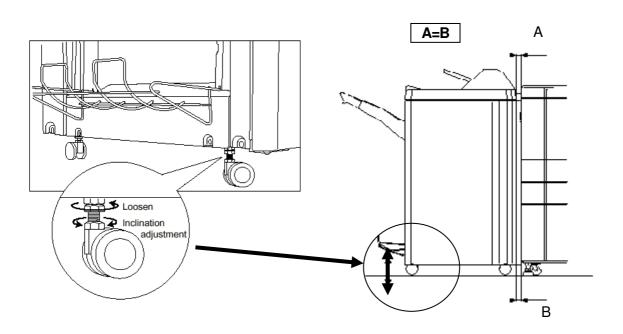




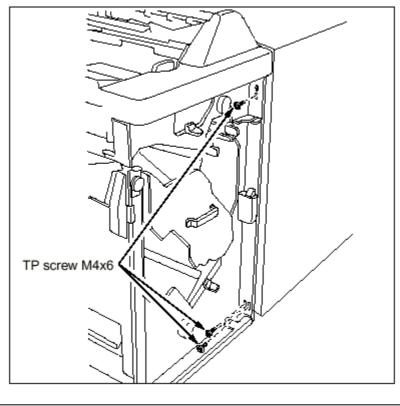
II	L	01	
	Installatio	on 4-16	

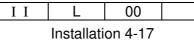
CAUTION

If the gap between the Finisher and Printer is not equal from the top through the bottom, adjust it by the height of the front and rear casters on the paper exit side of the Finisher.

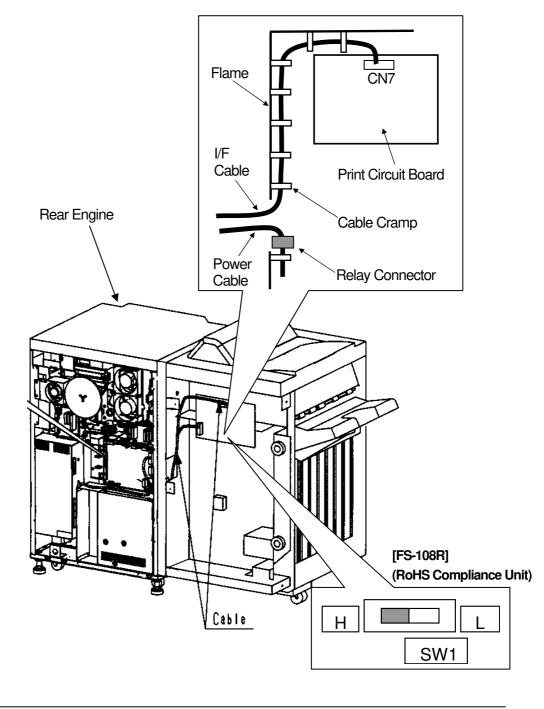


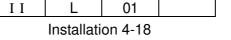
(2) Fix the Finisher to the Printer (front side only). (TP screw M4x6: 3)





- 15) Connect the connectors of the Printer with the Finisher.
 - (1) When connecting the connectors of printer with the Finisher, pass the two cables through the Hole of the Printer and Finisher.
 - (2) Connect the I/F Cable to the CN7 connector on the Print Circuit Board through the cable clamps with other cables like following figure.
 - (3) Connect the Power Cable to the Relay Connector like following figure.
 - (4) Switch on No.8 of SW1 of on the Print Circuit Board of the Front Engine.
 - (5) Turn on the "H" of the SW1 mounted on the P/K of the Finisher(FS-108R) (RoHs Compliance Unit)
 - (6) Install the Rear Covers of the Printer and Finisher.

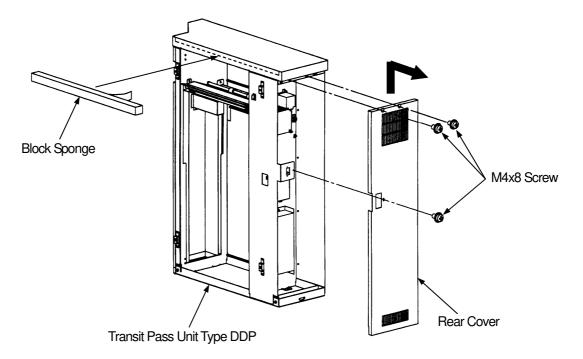




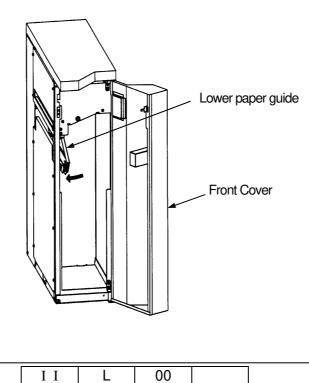
[Finisher SR5000] with Transit Pass Unit Type DDP

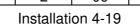
16) Releasing the Rear Cover of the Transit Pass Unit Type DDP.

- (1) Unscrew the three M4 Screws.
- (2) Unhook the lower hook of the Rear Cover and release the Rear Cover.
- (3) (Release the Rear Cover by lifting up and pulling forward.)
- 17) Install the Block Sponge to the Transit Pass Unit Type DDP.



18) Open the Front Cover and Lower paper guide.

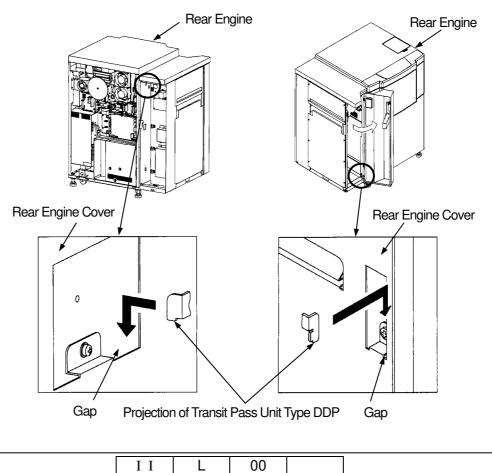




19) Install the Transit Pass Unit Type DDP to the Rear Engine.

NOTE Install it carefully so that Upper Paper guide and SB Cover Paper Guide do not collide SB Cover Paper Guide Transit Pass Unit Type DDP M4x8 Screw M4x8 Screw N4x8 Screw N4x8 Screw SB Fan Ass'y SB Fan Cable (White connector 4 pin)

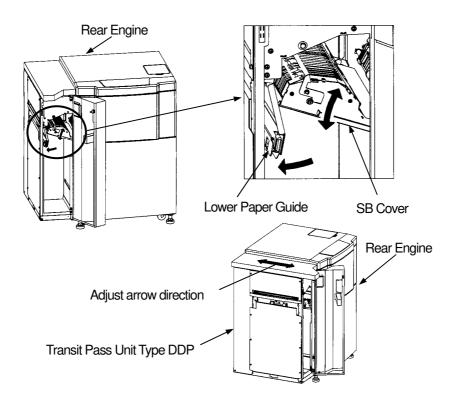
- (1) Insert the two Projections in the Gap.
- (2) Connect the SB FAN Cable of the SB FAN Ass'y to White connector (4pin) of the Rear Engine through the Transit Pass Unit Type DDP.



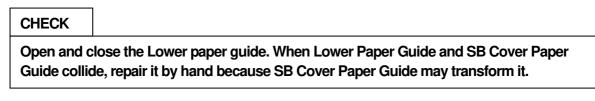
L 00 Installation 4-20

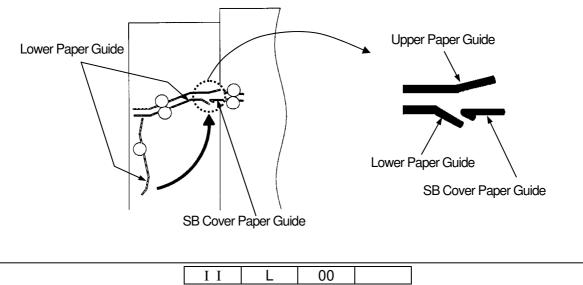
CHECK

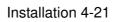
Open and close the SB Cover. When the SB cover does not open, adjust Transit Pass Unit Type DDP to an arrow direction.



- (3) Install the Transit Pass Unit Type DDP by using the four M4x8 Screws.
- (4) Close the Lower paper guide and Front Cover.







- 20) Connect the connector of cables to the Printer and Transit Pass Unit Type DDP.
 - (1) Pass the three cables through the Hole of Rear Engine and Transit Pass Unit Type DDP from Transit Pass Unit Type DDP to Rear Engine.
 - AC cable (white 2pin connector)
 - Signal cable (black 20pin (plug type with lock) / black 20pin (small) x 2 / black 14pin connector x 2/ black 22pin x 2)
 GND cable
 - (2) Pass the one cable through the Hole of Printer and Transit Pass Unit Type DDP from Rear Engine to Transit Pass Unit Type DDP.

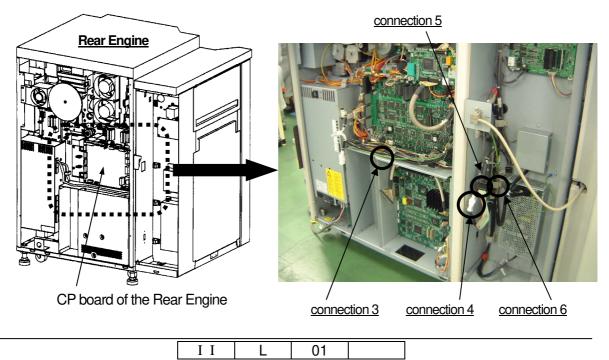
- FNS IF cable (white 4pin / black 20pin connector)

- (3) Connect the Signal Cable to the connector on the CP board of Rear Engine as follows. **(Connection 1)**
 - black 22pin connector -> between J717 and the original cable
 - black 20pin connector -> between J747 and the original cable
 - black 14pin connector
- -> between J791 and the original cable,

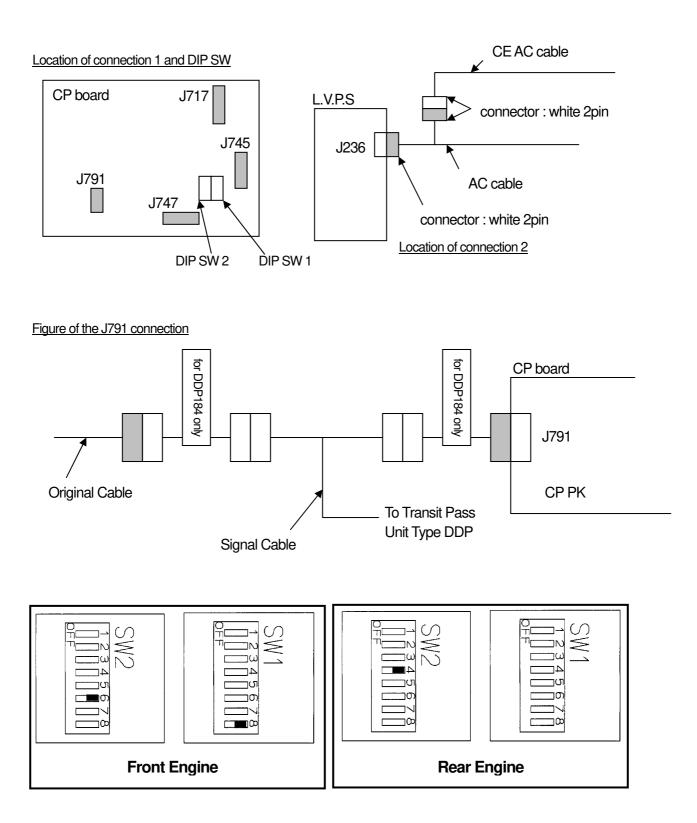
and connect the two Relay Cables. (Connection 1-A)

- (4) Connect the AC cable to the J236 on the Low Voltage Power Supply of Rear Engine. At this time, connect the CE AC cable that is disconnected from J236 to the white 2pin connector of the AC cable. (Connection 2)
- (5) Mount the FG cable on Rear Engine frame by using M4 screw. (Connection 3)
- (6) Connect the FNS IF cable to the white 4pin connector in the Transit Pass Unit Type DDP. (Connection 4)
- (7) Connect the FNS IF cable to the black 20pin (plug type with lock) connector in the Transit Pass Unit Type DDP. (Connection 5)
- (8) Connect the AC cable to the white 2pin connector in the Transit Pass Unit Type DDP. (Connection 6)
- (9) Switch on No.8 of SW1 on the CP board of the Front Engine.
- (10) Switch on No.6 of SW2 on the CP board of the Front Engine.
- (11) Switch on No.4 of SW2 on the CP board of the Rear Engine.

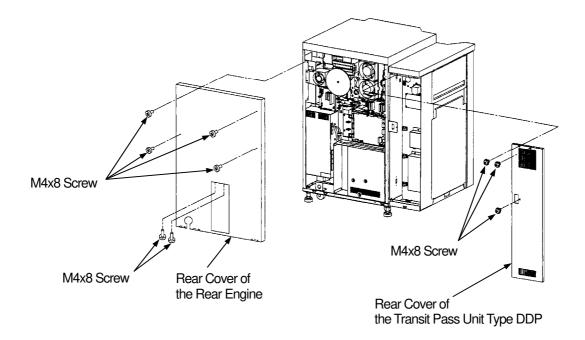
Note 1) Signal Cable (CS) in the Transit Pass Unit Type DDP is not used.



Installation 4-22

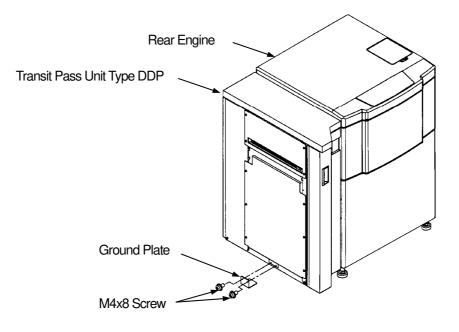


ΙI	L	01	
	Installati	on 4-23	



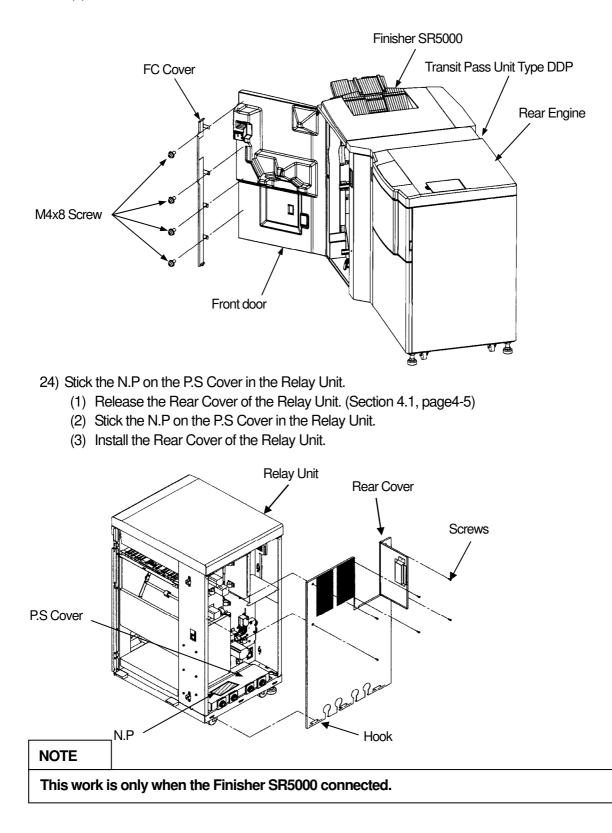
21) Install the Rear Cover of the Rear Engine and Transit Pass Unit Type DDP.

22) Install the Ground Plate to the Transit Pass Unit Type DDP.



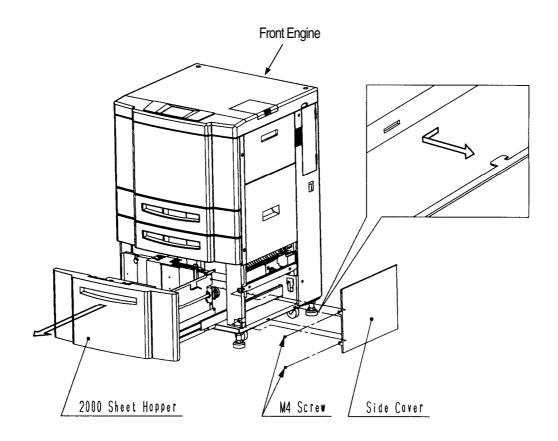
II	L	00	
	 nstallati	on 4-24	

- 23) Install the Finisher SR5000 to the Transit Pass Unit Type DDP.
 - (1) Refer to the Installation Procedure of the Finisher SR5000.
 - (2) Install the FC Cover to the front door on the Finisher SR5000.



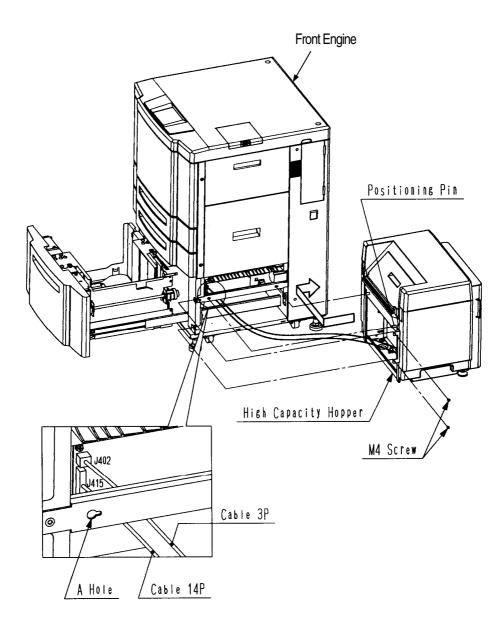
4.2 Installation in the composition with the High Capacity Hopper 1) Install components other than the High Capacity Hopper.

- 2) Draw the 2000 Sheet Hopper of the Front Engine.
- 3) Remove the two M4 screws and Side Cover.

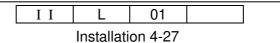


	ΙI	L	00	
_		Installati	ion 4-26	

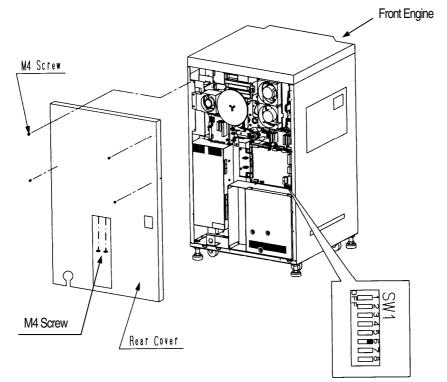
- 4) Connecting the two connectors(3pin and 14pin) to the HPxxx Ass'y of the Front Engine.
- 5) Connecting the High Capacity Hopper.
 - (1) Put the Positioning Pin in the hole A and slide the High Capacity Hopper in the arrow direction.
 - (2) Make sure that the Cable does not get caught between the Printer and High Capacity Hopper.
- 6) Tighten the two M4 screws.



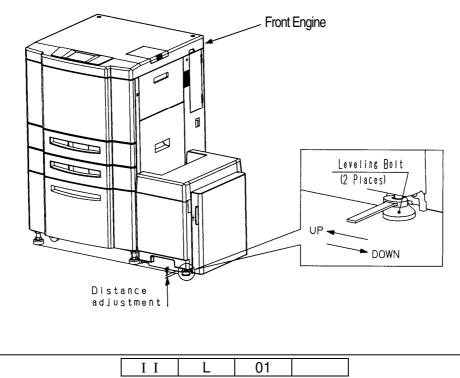
7) Return the 2000 Sheet Hopper.



- 8) Remove the six M4 screws and Rear Cover.
- 9) Switch on No.6 of SW1 on the CP P/K of the Front Engine.
- 10) Install the Rear Cover.



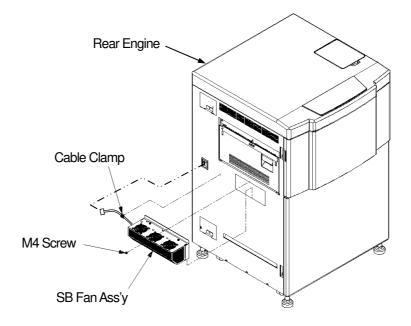
11) Turn the leveling bolt (2 Places) to make the bottom of the High Capacity Hopper parallel with the floor, judging by your eyes.



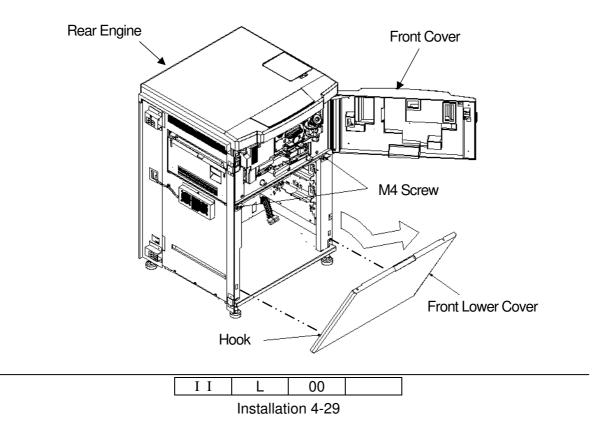
4.3 Installation in the composition with the Container Stacker 1 or 2

4.3.1 Connection of the Rear Engine and Container Stacker 1 or 2

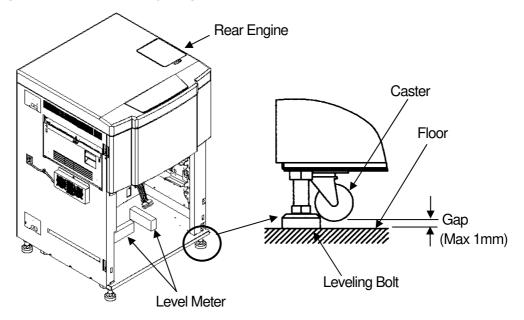
1) Install the SB Fan Ass'y to the Rear Engine by using a M4 Screw, and install the Cable Clamp. Connect the SB FAN cable coming from SB FAN Ass'y to Rear Engine.



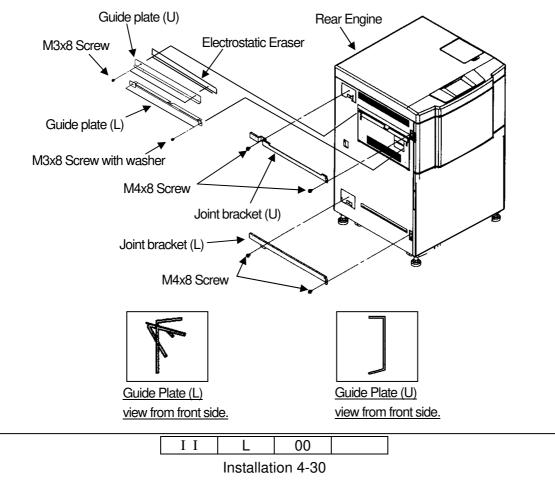
- 2) Open the Front cover of the Rear Engine and loosen the two M4 Screw.
- 3) Pull upper part of the Front Lower Cover forward and unhook the lower hook of it by lifting and pulling it forward.



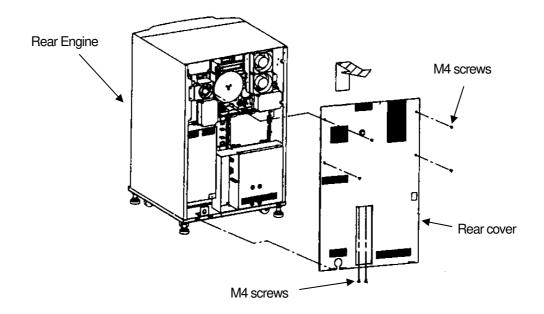
4) Turn the four leveling bolts until casters are floated. Adjust the horizontal level of the Rear Engine with the Level Meter putting on the frame.



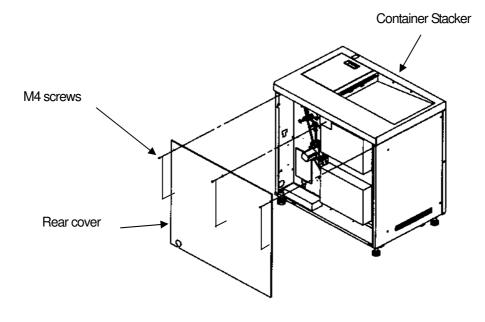
- 5) Remove the two M3x8 Screws and Electrostatic Eraser from the Rear Engine.
- 6) Install the Guide plate (U) with the Electrostatic Eraser ("FRONT" letter is surface.) by using the two M3x8 Screws. (Be careful that the hair of the Electrostatic Eraser does not fall.)
- 7) Install the Guide plate (L) by using the two M3x8 Screws with washer.
- 8) Install the Joint Bracket (U) and Joint Bracket (L) by using the two M4x8 Screws.



- 9) Releasing the Rear Cover of the Rear Engine.
 - (1) Unscrew the six M4 Screws.
 - (2) Unhook the lower hook of the Rear Cover and release the Rear Cover. (Release the Rear Cover by lifting up and pulling forward.)

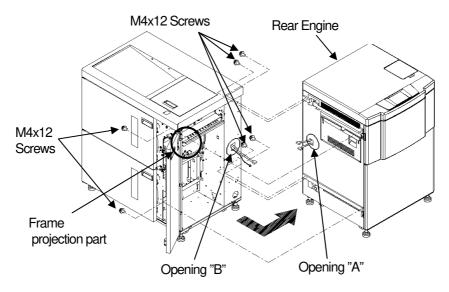


10) Remove the six M4 screws and the Rear Cover of the Container Stacker



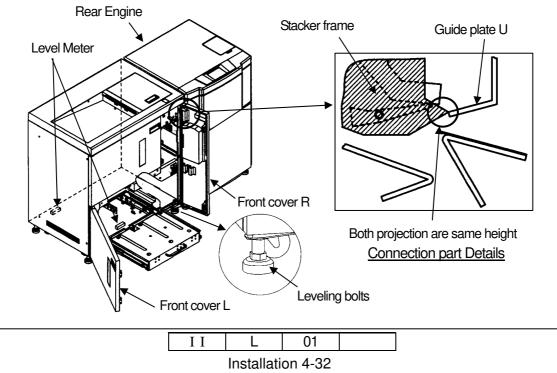
ΙI	L	00	
	Installati	on 4-31	

- 11) Attach the Container Stacker to the Rear Engine.
 - (1) Pass the AC Relay cable (2-pin white connector) and FNS IF cable (20-pin black connector) through opening "A" in the Rear Engine, and then through opening "B" in the Container Stacker.
 - (2) Pass the CST FG cable and CST AC cable (2-pin white connector) through opening "B" in the Container Stacker, and then through opening "A" in the rear engine.
 - (3) Attach the Rear Engine to the Container Stacker (6 M4x12 screws). **Important:** Do not tighten the screws all the way.

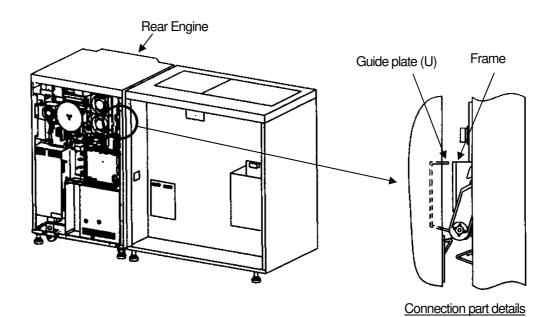


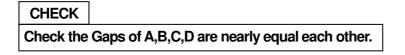
- 12) In order to adjust the height of Container stacker, turn 180 degrees each of four leveling bolts, and satisfy the following conditions, and bolt the screw of a temporary tight.
 - (1) When the Front cover R is shut and it looks into the space between the Printer and Container stacker from front side, the height of the Frame's projection of Container stacker and the Guide plate U's projection is the same.

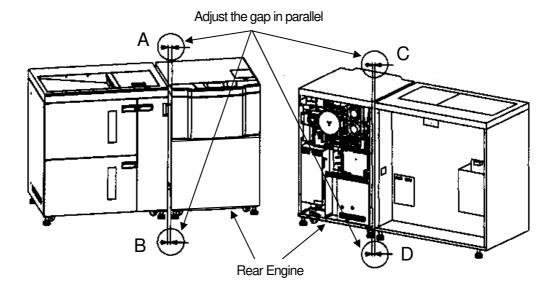
[Note] As for the way of opening front cover L, refer to the item 3.3.



- (2) It looks into the space between Printer and Container stacker from a rear side, the height of the Frame's upper part of Container stacker and the Guide plate U's upper part is the same.
- (3) Put the Level Meter on two places of Container stacker is level.





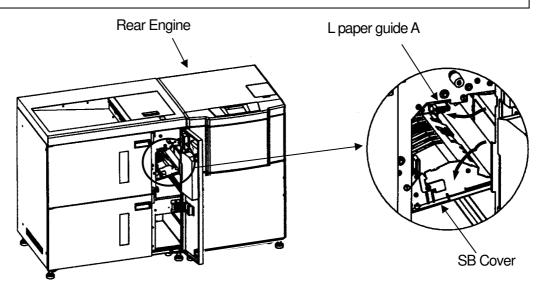


[ΙI	L	00	
		Installati	on 4-33	

CHECK

Open the L paper guide A of the Container Stacker make sure that the SB cover can be opened.

When not open, re- adjusts to implement the item 4.3.1.12) and to lift the Container Stacker.

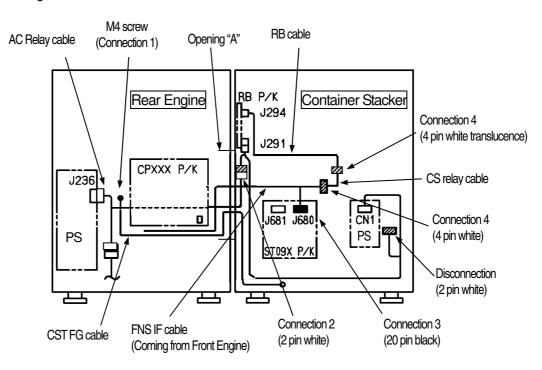


ΙI	L	01	
	Installati	on 4-34	

- 13) Mount the CST FG cable coming from the Container Stacker side on the Rear Engine frame by using M4 screw (Connection 1 on the below figure).
- 14) Connect the CST AC cable (2 pin white connector) coming from the Container Stacker to the AC Relay cable (2 pin white connector) coming from the Rear Engine (Connection 2 on the below figure).
- 15) Connect the FNS IF cable (20 pin black connector) coming from the Rear Engine to the J680 connector on the ST09X P/K board in the Container Stacker (Connection 3 on the below figure).
- 16) Connect the CS relay cable in the printer accessory box to the FNS IF cable (4 pin white connector) and the RB cable (4 pin white translucence connector) of the Container Stacker. (Connection 4 on the below figure)

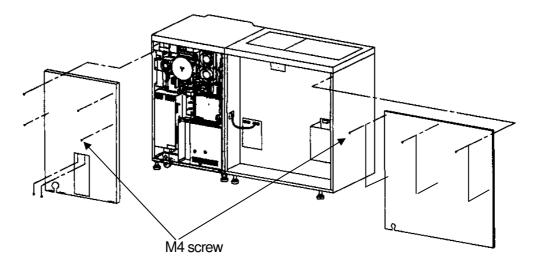
[Note] Put the cable through the opening "A" of the Rear Engine for connection.

- 17) When the Container Stacker 1 or Finisher are furthermore connected, Perform item 4.3.2 or 4.3.3.
- 18) Perform to item 4.1.6) 4.1.11) to install the Printer.
- 19) Turn on the No. 5 and turn off the No. 2 and 8 of the SW1 mounted on the CPXXX P/K of the Front Engine.



ΙI	L	01	
	Installati	on 4-35	

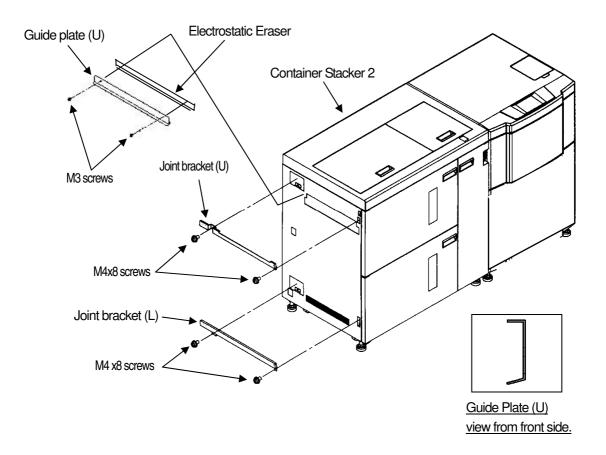
20) Install the Rear Cover of the Rear Engine and Container Stacker.



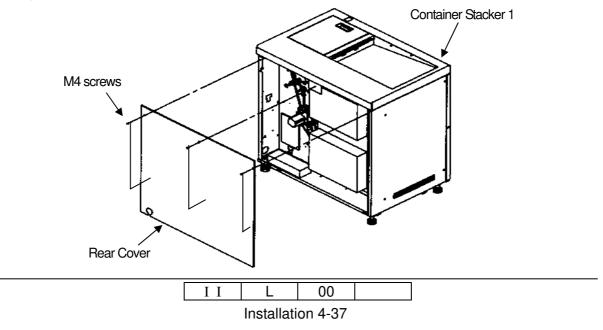
ΙΙ	L	00	
	Installati	on 4-36	

4.3.2 Connection of the Container Stacker 1 and Container Stacker 2

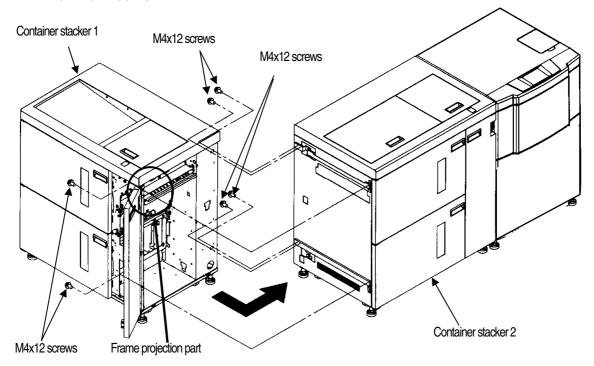
- 1) Perform item 4.3.1.
- 2) Remove the two M3x8 Screws and Electrostatic Eraser from the Container stacker 2.
- 3) Install the Guide plate (U) with the Electrostatic Eraser ("FRONT" letter is surface.) by using the two M3 Screws. (Be careful that the hair of the Electrostatic Eraser does not fall.)
- 4) Install the Joint Bracket (U) and Joint Bracket (L) by using the two M4x8 Screws.



5) Remove the six M4 screws and remove the rear cover from the Container Stacker 1.

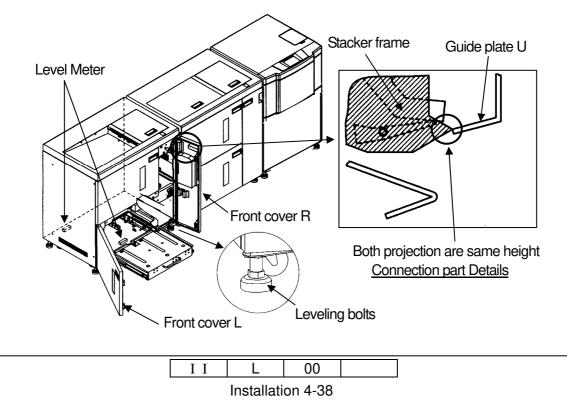


6) Install the Container Stacker 1 to the Container Stacker 2. The screw is the thing of the temporary stopping.

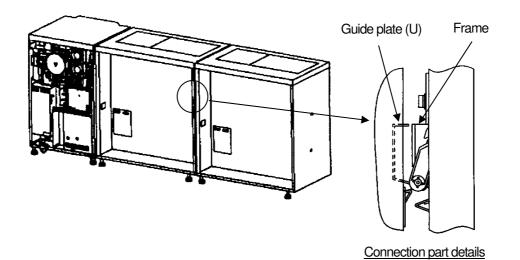


- 7) In order to adjust the height of Container stacker, turn 180 degrees each of four leveling bolts, and satisfy the following conditions, and bolt the screw of a temporary tight.
 - (1) When Front cover R is shut and it looks into the space between Container stacker 2 and Container stacker 1 from a front side, the height of the Frame's projection of Container stacker and the Guide plate U's projection is the same.

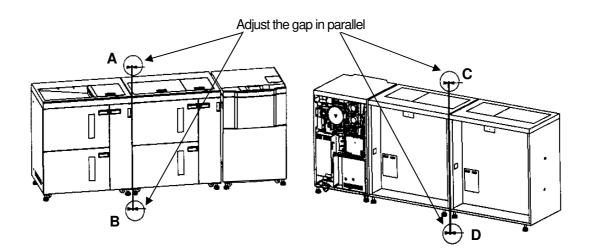
[Note] As for the way of opening front cover L, refer to the item 3.3.

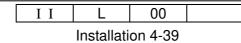


- (2) It looks into the space between the Container stacker 2 and Container stacker 1 from a rear side, the height of the Frame's upper part of Container stacker 1 and the Guide plate U's upper part is the same.
- (3) Put the Level Mater on two places of Container stacker is level.

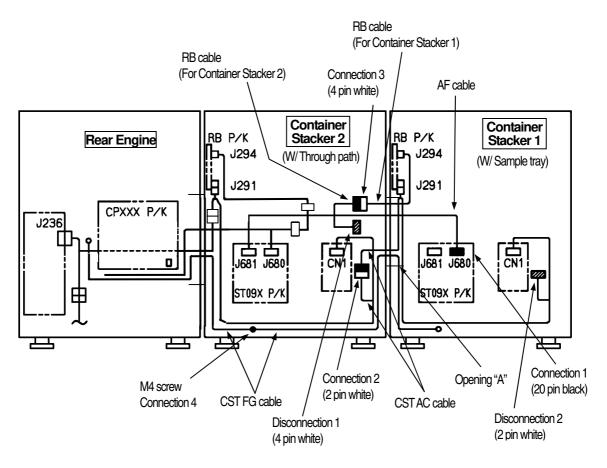


CHECK Check the Gaps of A,B,C,D are nearly equal each other.



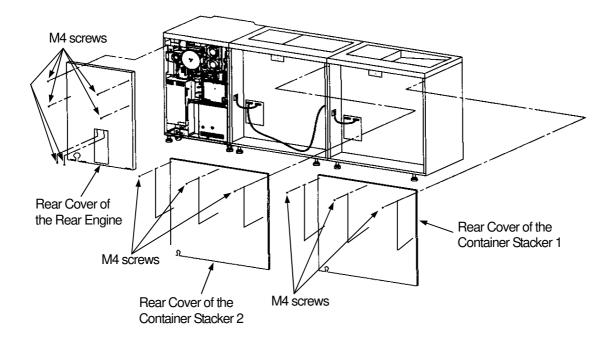


- 8) Connect the FNS IF cable (4 pin white connector) coming from the Container Stacker 2 to the J680 on the ST09X P/K of the Container Stacker 1. (Connection 1 on the below figure)
- Take out the CST AC cable (2 pin white connector) from the Container Stacker 1 and connect it to the CST AC cable (2 pin white connector) of the Container Stacker 2. (Connection 2 on the below figure)
- 10) Take out the RB cable (4 pin white connector) from the Container Stacker 1 and connect it to the RB cable (4 pin white translucence) of the Container Stacker 2. (Connection 3 on the below figure)
- 11) Mount the CST FG cable coming from the Container Stacker 1 on the frame of the Container Stacker 2 by using M4 screw (Connection 4 on the below figure).
- 12) Turn on the No. 4 and No. 5 and turn off the No. 2 and 8 of the SW1 mounted on the CPXXX P/K of the Front Engine.



[Note] Put the cable through the opening "A" of the Rear Engine for connection.

ΙI	L	01	
	Installati	on 4-40	

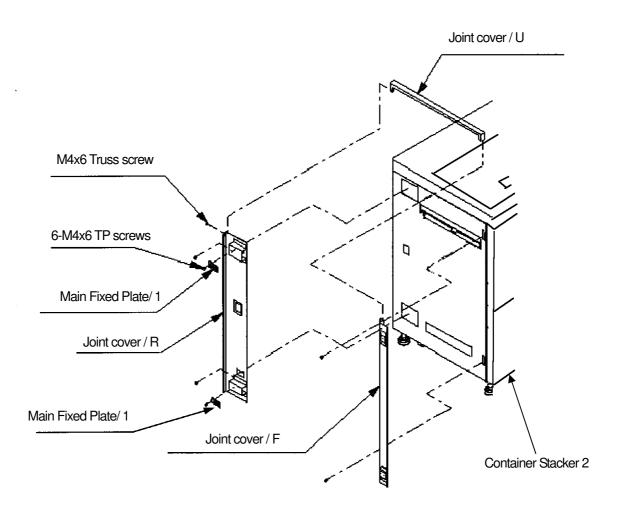


13) Install the Rear Covers of the Rear Engine, Container Stacker 1 and Container Stacker 2.

ΙI	L	00	
	Installati	on 4-41	

4.3.3 Connection of the Container Stacker 2 and Finisher/ Finisher SR5000 [FS-108H / FS108R]

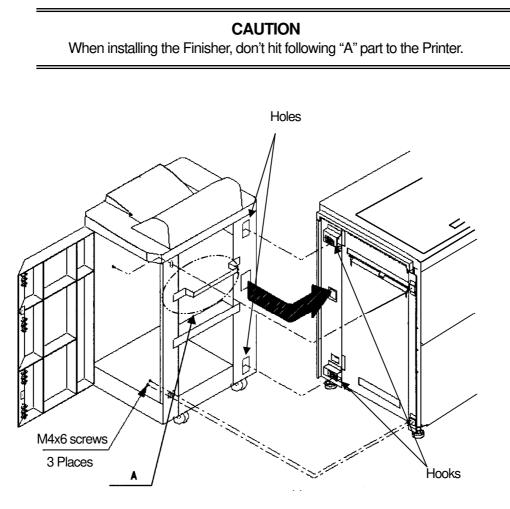
1) Install the Joint Cover /F, Joint Cover /U and Joint Cover /R to the Container Stacker 2, and install the two Main Fixed Plate/1 to the Joint Cover /R.

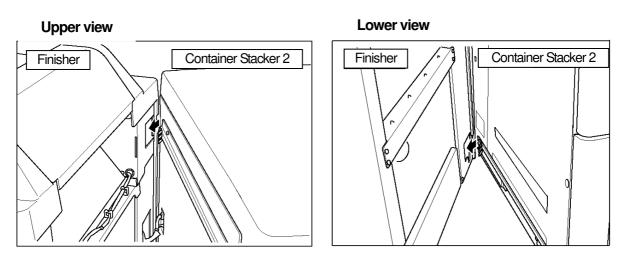


2) Remove the rear covers from the Rear Engine, Container Stacker 2 and Finisher.

	L	01	
	Installatio	on 4-42	

- 3) Install the Finisher to the Container Stacker
 - (1) Fit the hooks on the Container Stacker installation plates (upper and lower) into the upper and lower holes on the Finisher as illustrated below, then lock them by pushing the Finisher to the back.

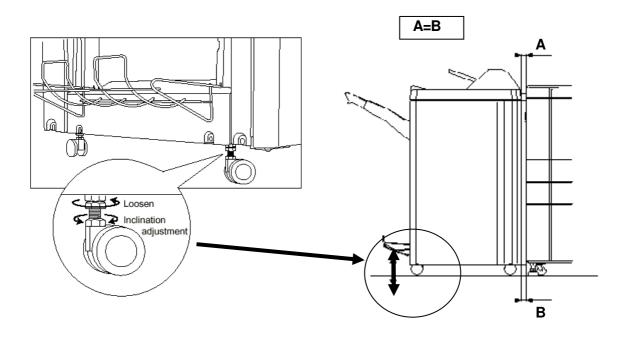




I I L 00 Installation 4-43

CAUTION

If the gap between the Finisher and Container Stacker is not equal from the top through the bottom, adjust it by the height of the front and rear casters on the paper exit side of the Finisher.

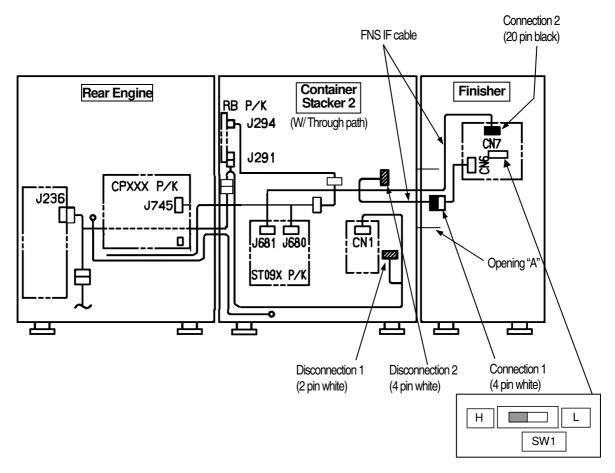


ΙI	L	00	
	Installati	on 4-44	

- 4) Connect the FNS IF cable (4 pin white connector) coming from the Container Stacker 2 to the 4 pin white connector in the Finisher (Connection 1 on the below figure).
- 5) Connect the FNS IF cable (20 pin black connector) coming from the Container Stacker 2 to the CN7 connector on the Finisher main P/K (Connection 2 on the below figure).
- 6) Turn on the No. 5 and 8 and turn off the No. 2 of the SW1 mounted on the CPXXX P/K of the Front Engine.

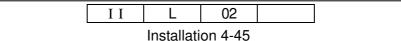
Turn on the "H" of the SW1 mounted on the P/K of the Finisher(FS-108R). (RoHs Compliance Unit)

[Note] Put the cable through the opening "A" of the Container Stacker 2 for connection.



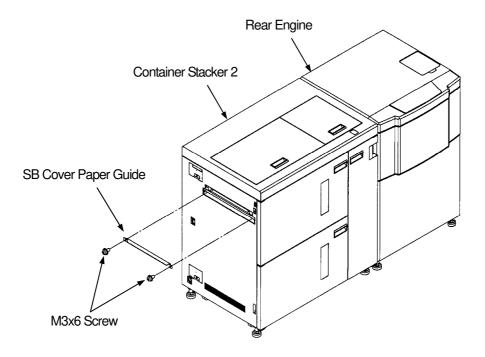
[FS-108R] (RoHS Compliance Unit)

7) Install the Rear Covers of the Printer, Container Stacker 2 and Finisher.



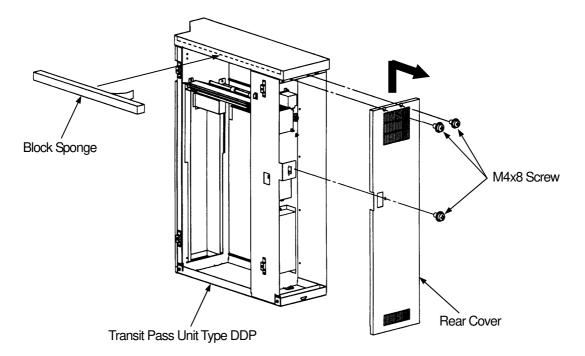
[Finisher SR5000] with Transit Pass Unit Type DDP

8) Install the SB Cover Paper Guide to the Container Stacker 2.

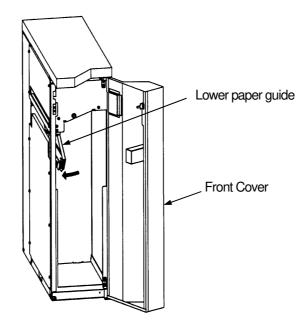


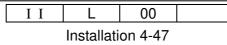
ΙI	L	00	
	Installati	on 4-46	

- 9) Releasing the Rear Cover of the Transit Pass Unit Type DDP.
 - (1) Unscrew the three M4 Screws.
 - (2) Unhook the lower hook of the Rear Cover and release the Rear Cover.
 - (3) (Release the Rear Cover by lifting up and pulling forward.)
- 10) Install the Block Sponge to the Transit Pass Unit Type DDP.

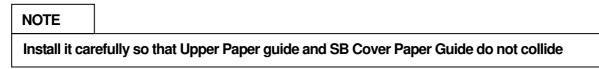


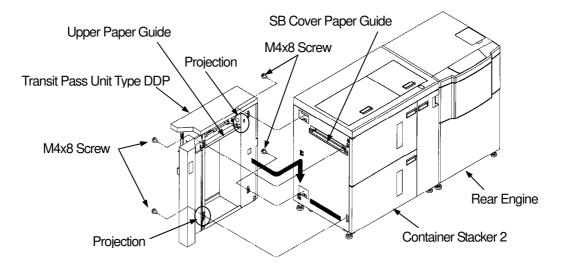
11) Open the Front Cover and Lower paper guide.



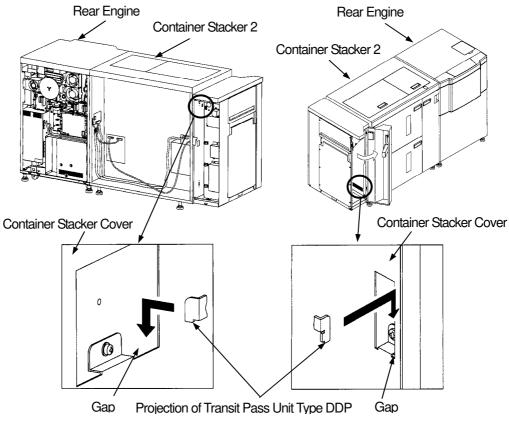


12) Install the Transit Pass Unit Type DDP to the Container Stacker 2.





(1) Insert the two Projections in the Gap.

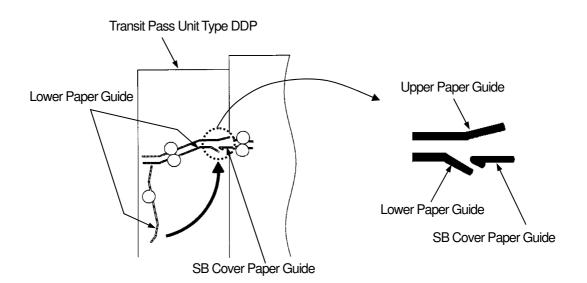


(2) Install the Transit Pass Unit Type DDP by using the four M4x8 Screws.

(3) Close the Lower paper guide and Front Cover.

CHECK

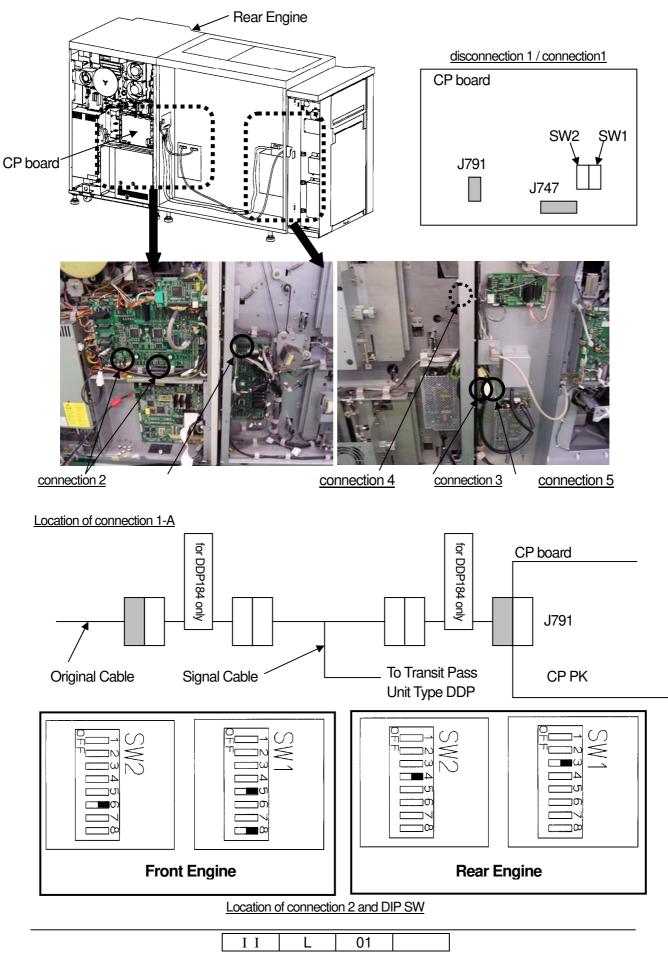
Open and close the Lower paper guide. When Lower Paper Guide and SB Cover Paper Guide collide, repair it by hand because SB Cover Paper Guide may transform it.



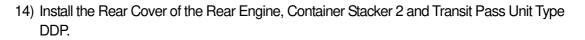
I I L 00 Installation 4-49

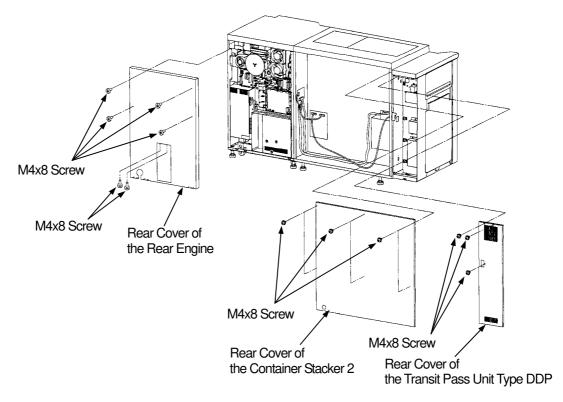
- 13) Connect the connector of cables to Container Stacker and Transit Pass Unit.
 - (1) Pass the three cables through the Hole of Container Stacker and Transit Pass Unit Type DDP from Transit Pass Unit Type DDP to Container Stacker.
 - AC cable (white 2pin connector)
 - Signal cable (black 20pin / black 20pin / black 14pin connector)
 - GND cable
 - (2) Pass the one cable through the Hole of Container Stacker and Transit Pass Unit Type DDP from Container Stacker to Transit Pass Unit Type DDP.
 FNS IF cable (white 4pin / black 20pin connector)
 - (3) Disconnect the FNS I/F cable from J681 connector on the ST board. (Disconnection 1)
 - (4) Connect the Signal Cable to the connector on the ST board as follow. (Connection 1)
 black 20pin connector (big size)
 -> J681
 - (5) Pass the one cable through the Hole of Printer and Container Stacker from Container Stacker to Rear Engine.
 - Signal cable (black 20pin / black 14pin connector)
 - (6) Connect the Signal Cable to the connector on the CP board of Rear Engine as follows. **(Connection 2)**
 - black 22pin connector -> between J717 and the original cable
 - black 20pin connector (small size) -> between J747 and the original cable
 - black 14pin connector -> between J791 and the original cable,
 - and connect the two Relay Cables. (Connection 1-A)
 - (7) Connect the AC cable (white 2pin connector). (Connection 3)
 - (8) Mount the FG cable on Container Stacker frame by using M4 screw. (Connection 4)
 - (9) Connect the FNS IF cable to the white 4pin connector in the Transit Pass Unit Type DDP. (Connection 5)
 - (10) Switch on No.5 of SW1 on the CP board of the Front Engine.
 - (11) Switch on No.8 of SW1 on the CP board of the Front Engine.
 - (12) Switch on No.6 of SW2 on the CP board of the Front Engine.
 - (13) Switch on No.4 of SW2 on the CP board of the Rear Engine.
 - (14) Switch on No.3 of SW1 on the CP board of the Rear Engine.
 - Note 1) Green flat cable of FNS IF cable in the Container Stacker and Transit Pass Unit Type DDP is **not** used.
 - Note 2) That the cable used for Connection 1 uses Signal Cable (CS) for a change in Signal Cable.

ΙI	L	01				
Installation 4-50						

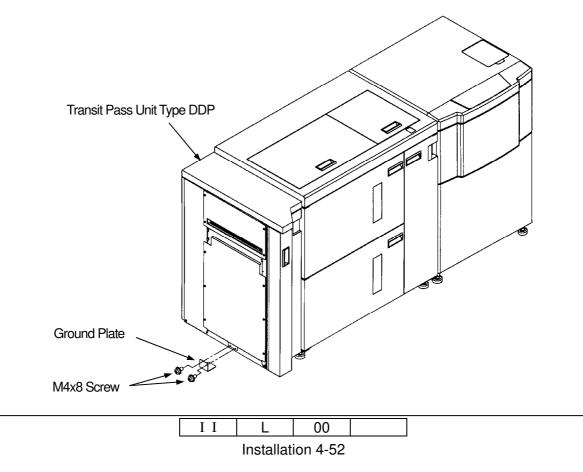




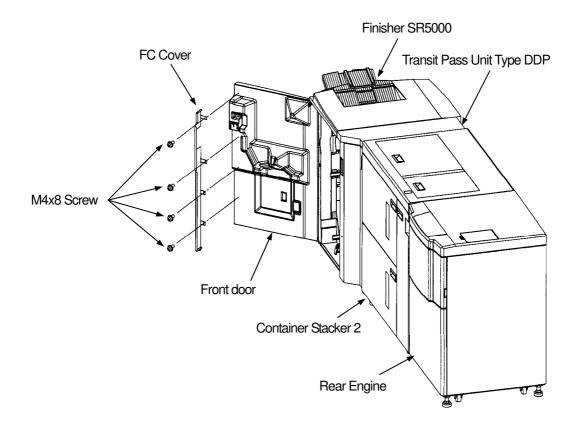




15) Install the Ground Plate to the Transit Pass Unit Type DDP.



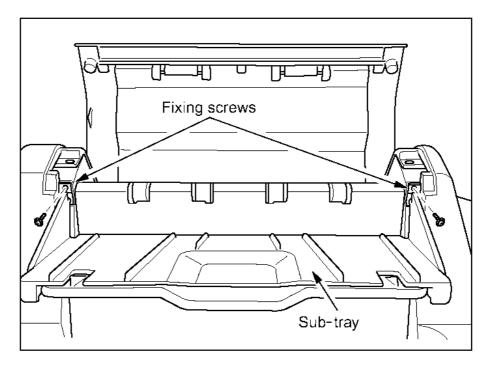
- 16) Install the Finisher SR5000 to the Transit Pass Unit Type DDP.
 - (1) Refer to the Installation Procedure of the Finisher SR5000.
 - (2) Install the FC Cover to the front door on the Finisher SR5000.



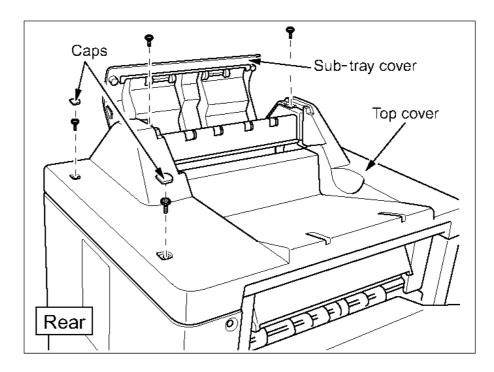
ΙΙ	L	00	
	Installati	on 4-53	

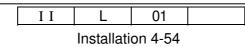
4.4 Installation in the composition with the Cover Sheet Feeder (Use only FS-108H & FS-108HBM. No RoHS Compliance Unit)

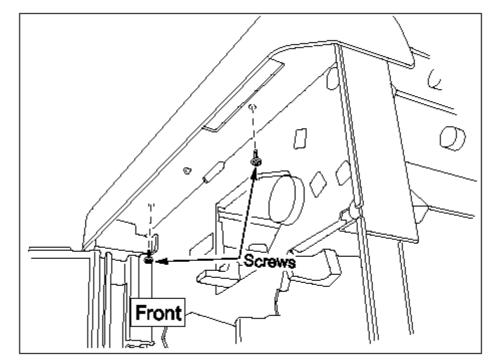
- 1) Remove the Top cover from the Finisher.
 - (1) Open the Sub-tray cover, remove the fixing screws, and then remove the Sub-tray.



- (2) Remove the Caps on the rear side of the Top cover and then remove the two screws.
- (3) Remove the two screws in the Sub-tray cover.

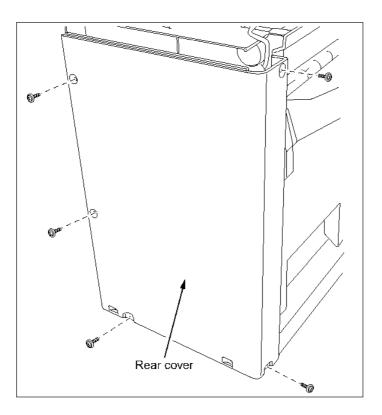


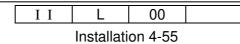




(4) Open the Front door, then remove the two screws from the front side of the Top cover.

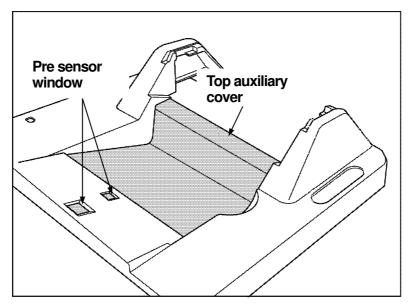
2) Remove the Rear cover from the Finisher. Truss screw M4x6: 5



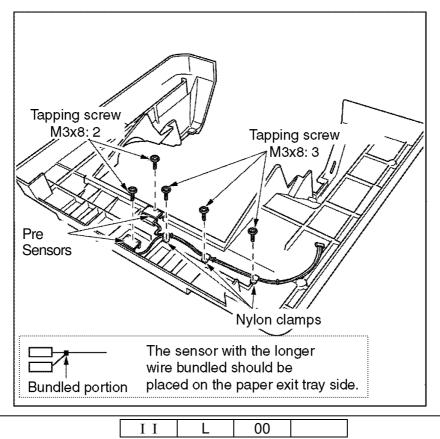


- 3) Cut off the coverings for the Cover Sheet Feeder fixtures from the Top cover.
 - (1) Cut off the Top auxiliary cover.
 - (2) Cut off the coverings for the Pre Sensor window.

[Note] Remove any remaining burrs after cutting off the parts.



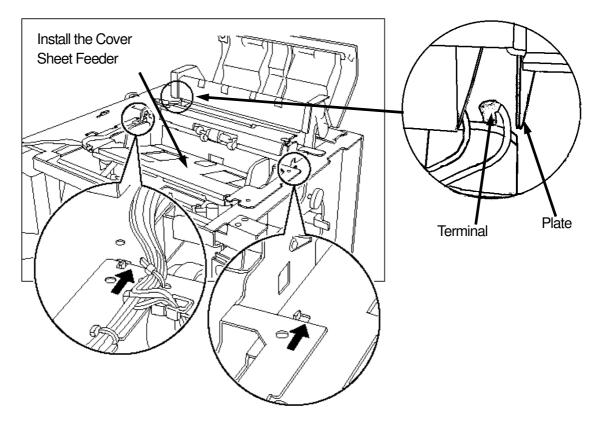
- 4) Install the accessories on the underside of the Top cover.
 - (1) Install two Pre-sensors. (Tapping screw M3x8:2)
 - (2) Secure the wires from the Pre-sensors with the Nylon clamps in three places. (Use three 3N Nylon clamps and three M3x8 Tapping screws.)



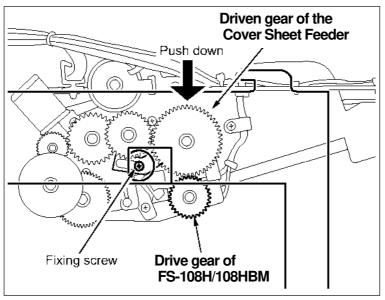
Installation 4-56

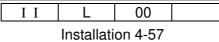
- 5) Install the Cover Sheet Feeder.
 - (1) Install the Cover Sheet Feeder on the top of the Finisher. (TP screw M4x6: 6)
 - [Note] When installing the Cover Sheet Feeder, make sure to position it by pushing toward the Printer side.

Don't hit the terminal of motor to the plate edge.

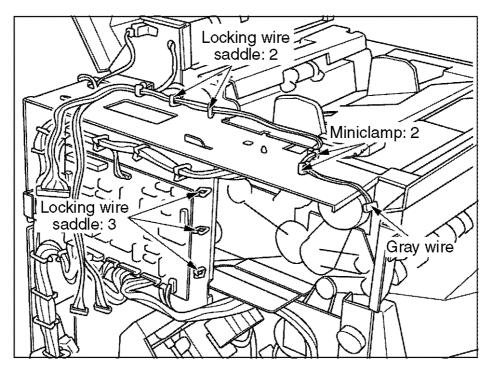


(2) Push down the Driven gear of the Cover Sheet Feeder so as to engage it with the Drive gear of the Finisher, then fix it with a screw.



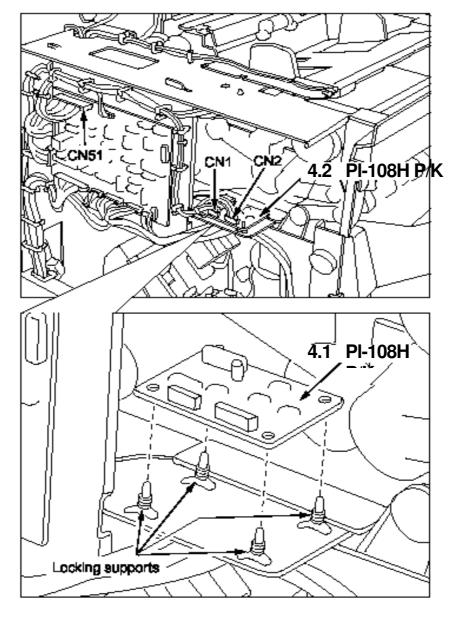


- 6) Arrange the wire bundle.
 - (1) Insert five locking wire saddles into the Finisher.
 - (2) Secure the bundle with three wire saddles on the top.
 - (3) Insert the two Miniclamps into the Finisher.
 - (4) Secure the gray wire with the two Miniclamps.

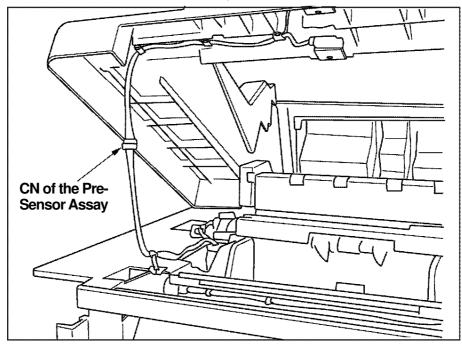


ΙI	L	00	
	Installati	on 4-58	

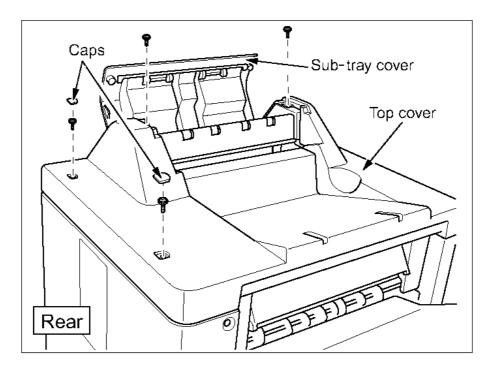
- 7) Arrange the wire bundle on the back of the Finisher and Install the PI-108H P/K.
 - (1) Lead the remaining two wires from the Cover Sheet Feeder through the hole on the back the Finisher.
 - (2) Connect the shorter CN to CN 51 on the FS-108H P/K / FS-108HBM P/K.
 - (3) Insert the four locking supports.
 - (4) Set the PI-108H P/K onto the locking support.
 - (5) Connect the CN1 and CN2 to the PI-108H P/K.

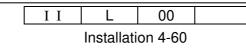


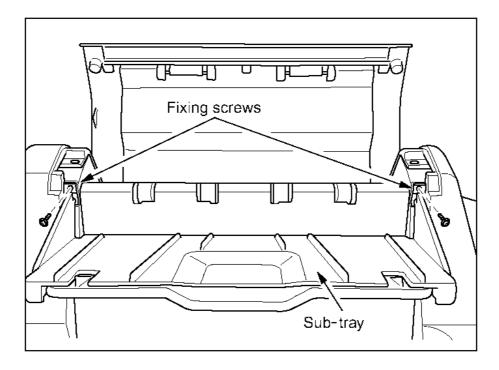
- 8) Reinstall the Top cover.
 - (1) Connect the CN of the Pre Sensor Assay.



- (2) Set and tighten the two screws on the rear side of the Top cover and put the caps back on.
- (3) Set and tighten the two screws on the front side of the Top cover.
- (4) Set and tighten the two screws on the Sub-tray cover.

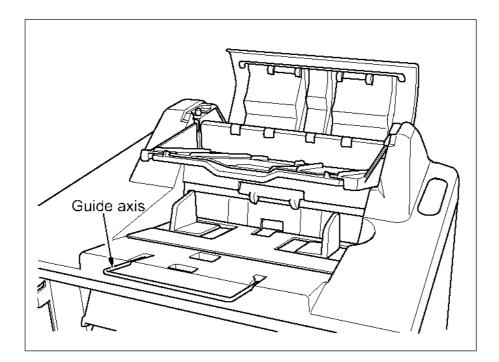


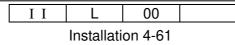




(5) Install the Sub-tray on the secondary exit portion, then fix it with the two screws.

- 9) Reinstall the Rear cover.
- 10) Install the Guide axis.





[Note]

The Printer detects the configuration error (E259) because a configuration information (without Cover Sheet Feeder) which the printer had memorized is different from one (with cover-sheet-feeder) reported from the finisher when the power supply injection after Cover Sheet Feeder attachment,

Confirm the connection of the connector(CN51 or CN1) in case that the Cover Sheet Feeder does not appear on the OCP though it is connected. (Refer to item 4.4.7)

ΙI	L	00	
	Installati	on 4-62	

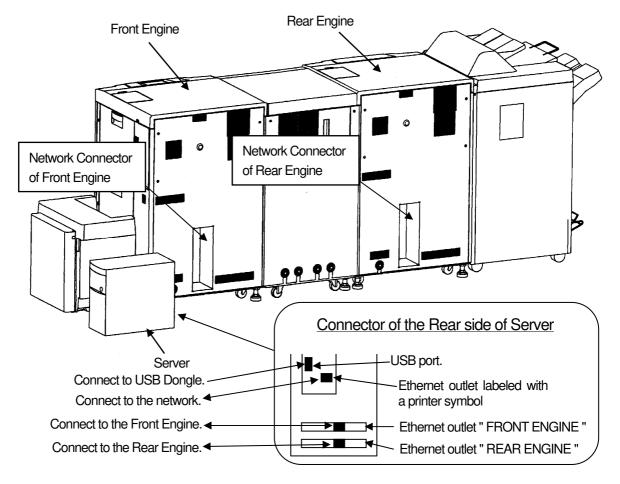
Chapter 5. Powering On the printer and the DDP Server

5.1 Connecting to DDP Server

This chapter is aimed at the persons who has full knowledge about the system and the management concept of a network.

Please check to the network administrator who is responsible for the management of hosts, servers, and printers about the network environment before the registering the printer to the network.

Connections of cables



To connect the cables as described below.

1) Connect the USB Dongle to USB port.

CAUTION Please connect the USB Dongle to USB port before turning on the Server.

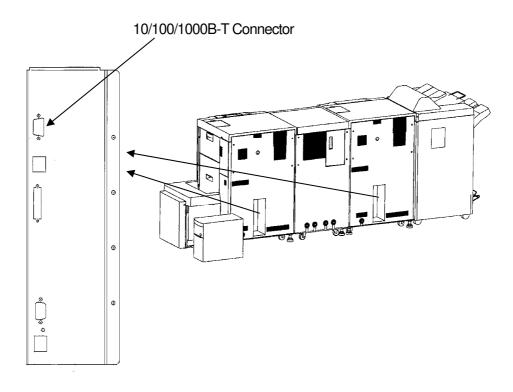
 II
 L
 02

 Powering on the printer and the DDP server 5-1

- Connect the Server to Printer engine by means of the enclosed Ethernet cross-link cables. Connect the Ethernet outlet "FRONT ENGINE " to the Front Engine. Connect the Ethernet outlet "REAR ENGINE " to the Rear Engine.
- 3) Connect the network cable to the Ethernet outlet labeled with a printer symbol at the rear side of Server.



4) Connect 10 BASE-T/100BASE-TX/1000BASE-T cross cables which are attached with the DDP Server to 10/100/1000B-T Connector located at the rear of the printer.



5) Connect AC cable into AC connector on back side of DDP Server.

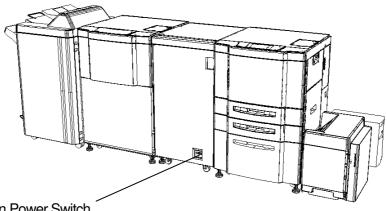
	=	L	02		
Poweri	ng on the	e printer a	and the D	DP Serv	ver 5-2

5.2 Check before powering On the Printer and DDP Server

- (1) Check the local supply voltage of the printer and the server before plugging the power cords of the printer and server Into the electrical outlet.
- (2) Plug each power cords of the printer and the server into the electrical outlet.

5.3 Powering On the Printer

The location of the main power switch is shown below. The switch is marked "O" for Off and "I" for On.



Main Power Switch

When the printer is powered on, the printer and the finisher go through a power-up sequence that takes approximately 5minutes. During the power-up sequence, the printer runs a series of internal tests.

CAUTION

If the printer does not power on, power off the printer, wait at least 30 seconds, then power on the printer again.



In the event of an emergency, POWER OFF the printer by turning the Power Switch to "O".

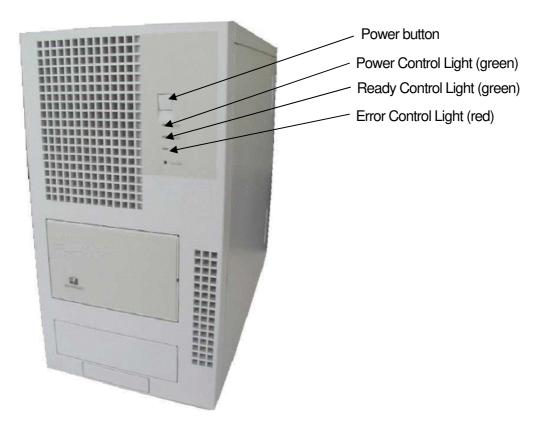
NOTE:

The entire system should be powered On and Off using the main power switch shown above. To do this, both the front and rear engine power switches must remain in the On position. If either the front or rear engine power switch is in the Off position, an error will occur or the OCP display will not come up. In this situation, turn Off the main power switch, turn On the power to the front and/or rear engine, then turn On the main power switch.

5.4 Powering On the Server

CAUTION

- 1. Be sure and connect the USB Dongle to the server USB port before powering on the Server. The server does not operate normally when the server is started without dongle.
- 2. Be sure that the printer's OCP shown READY status before powering on the Server.
- 1. Confirm that the power switch of the server rear side is on ("I" side is pushed). If the server power switch is covered by metal plate, it is always "ON" ("I") position.
- 2. Push the power button of the server front side. (Push this button shortly)
- 3. Wait until LEDs of the Power control light and the Ready Control light turn on.

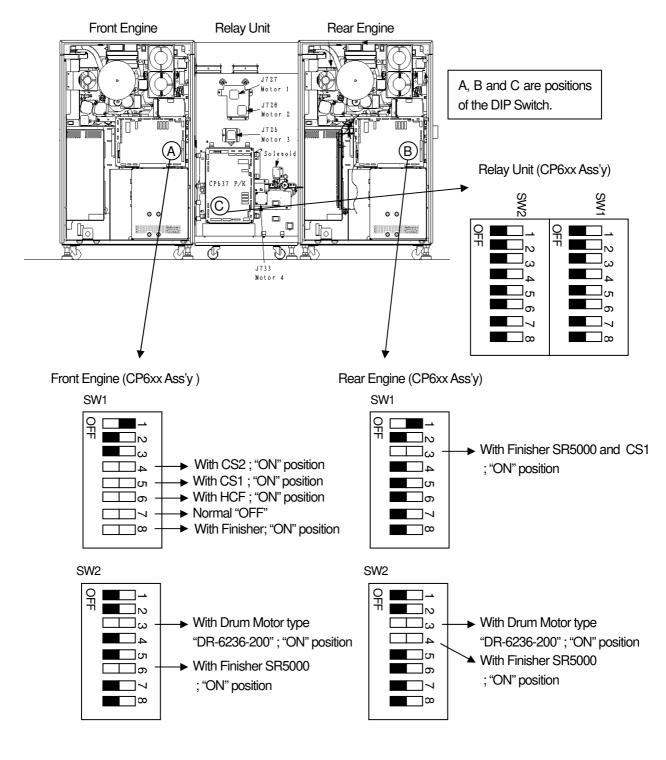


	L	02	
Se	rver Insta	allation 5 [.]	-4

Chapter 6. Checks

6.1 Check the Dip Switch on CP P/K for configuration

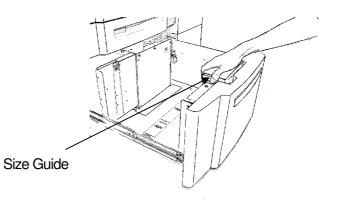
The DIP Switch on CP P/K need to be set up by the option. A setup of DIP Switch is shown below.



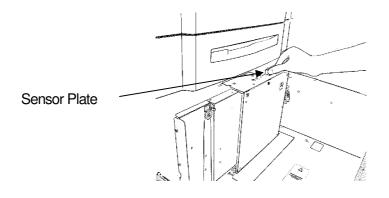
ΙΙ	L	02	
	Check	<s 6-1<="" th=""><th></th></s>	

6.2 Confirmation of the paper size indication

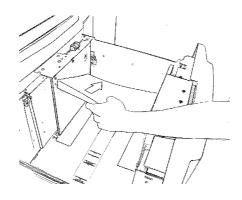
1) Adjust the size guide of tray 1 to the A4 size or the Letter size.

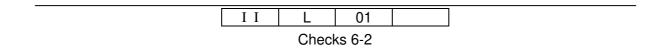


2) Adjust the sensor plate of tray 1 to A4 or LTR.

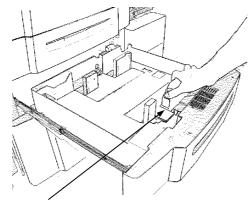


3) Place the A4 size paper or the Letter size paper into the tray 1.



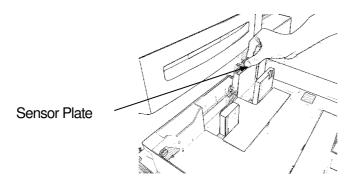


4) Adjust the size guide of tray 2 and tray 3 to the A4 size or the Letter size

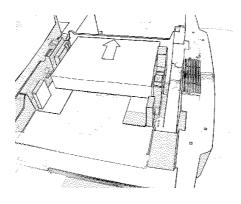


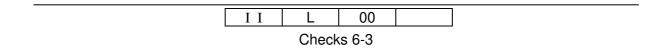
Size Guide

5) Adjust the sensor plate of tray 2 and tray 3 to A4 or LTR.

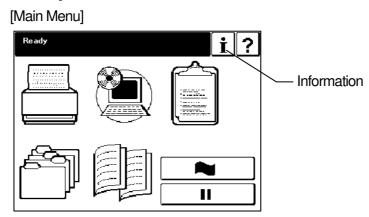


6) Place the A4 size paper or the Letter size paper into the tray 2 and the tray 3.





7) Push the [information] switch in the main menu screen.



8) Push the [Printer] switch in the information menu screen.

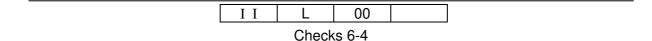
[Information Men	iu]	
İ Information		
Printer -		Printer
Consumables		
Usage		
Finisher		
Network		

9) Confirm that the paper size of the tray 1,2,3 is the A4 size or the Letter size in the information - printer screen.

10)Push d button twice, and return to the main menu screen.

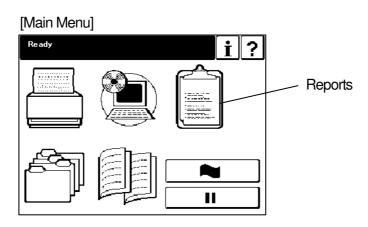
6.3 Check the Detach Voltage

The Detach Voltage is sensitive to altitude, humidity, and paper type. Therefore, it is necessary to be set appropriately according to altitude of installation site. When the installation site is 1300ft or more, set the Detach Voltage according to the procedure as shown in Appendix 4.

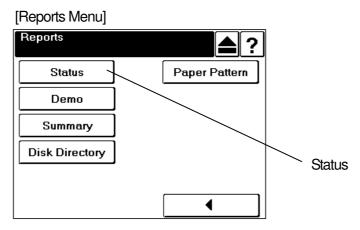


6.4 Printing of the status reports

1) Push the [Reports] switch in the main menu screen.



2) Push the [Status] switch in the reports menu screen.

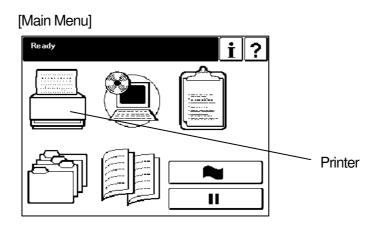


3) It is returned automatically to the main menu, and the Status page is printed.

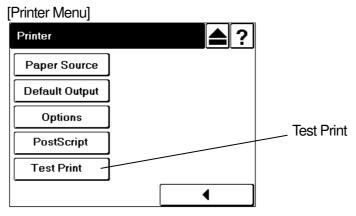
ΙI	L	00	
	Check	s 6-5	

6.5 Check the print contamination

1) Push the [Printer] switch in the main menu screen.



2) Push the [Test Print] switch in the printer menu screen.

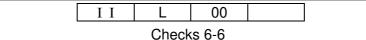


3) The way of test printing is as follows.

Printer / Test Print / Print Quality / Text File 4% / Tray * / Elevator Tray / Color Duplex / 1 (Copies)

* Input either tray

4) Confirm that there is no printing contamination when sampling print samples. If contaminated print samples, clean the contaminated parts or continuous printing.



6.6 Confirmation of paper skew

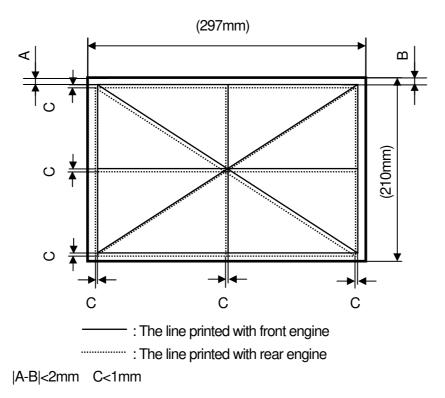
This confirmation is applied to DDP184.

- 1) Set the A4 size paper (80g/m2) or the letter size paper (75g/m2) in tray 1, tray 2, and tray 3.
- 2) Print the cross pattern of test print from tray 1, tray 2 and tray 3. The way of test printing is as follows.

Printer / Test Print / Print Quality / Cross Pattern / Tray* / Elevator Tray / Color Duplex / 5 (Copies)

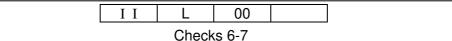
* Input either tray

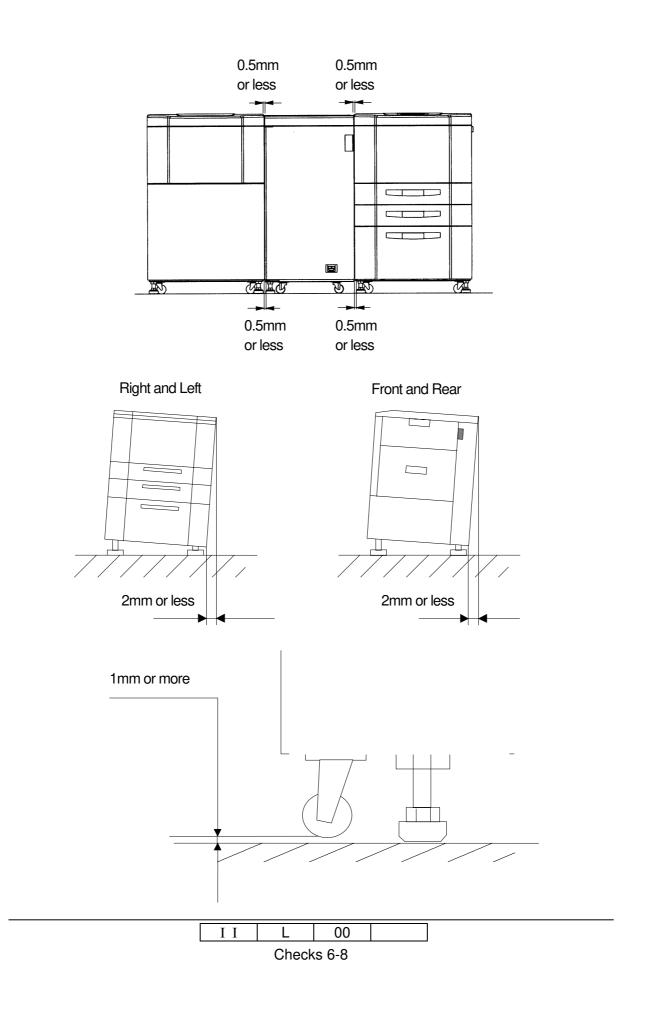
3) Confirm inclination and positional gap of the line printed with front engine and rear engine.



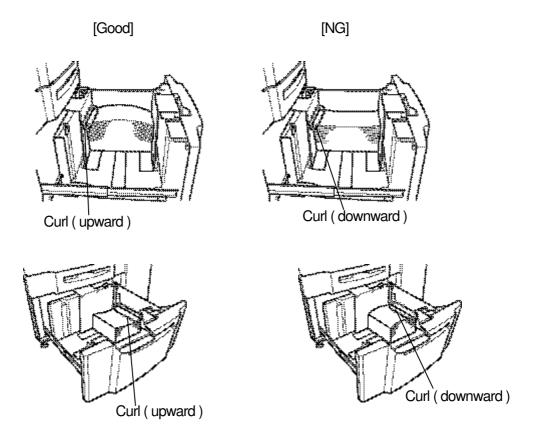
If above value isn't satisfied, check the connection of engine and curl of the paper in tray.

- 4) Confirm the following.
 - i) The gap between the rear engine and the relay unit
 - ii) The gap between the relay unit and the front engine
 - iii) The gap between all caster and the floor
 - iv) Inclination in all directions of the front engine, the rear engine, the relay unit
 - v) Curl of the paper in the tray





5) If the paper have any curl, set the papers based on the following or change the paper.



6.7 Check the Tray Calibration

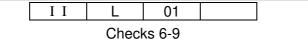
 After installation, confirm the horizontal print position when sampling print samples. If there is difference of horizontal print position between the Front Engine and Rear Engine, adjust the horizontal print position. Refer to the Controller Maintenance Manual "Engine Setting Menu -Tray Calibration".

6.8 Confirmation of the stapling

When DDP92/184 Standard Finisher or DDP92/184 Booklet Finisher was installed.

The way of test printing is as follows.
 Printer / Test Print / Finishing Test / Staple : Booklet / 1 (Tray)

2) It is returned automatically to the main menu, and three sheets of paper are stapled.



6.9 Adjustment of paper feeding position of Tray 1

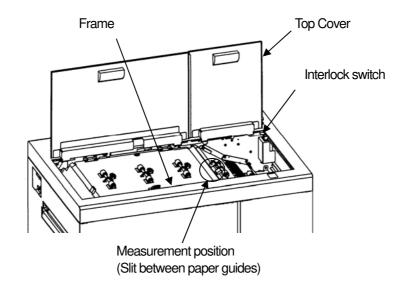
When Container Stacker 1 or Container Stacker 2 was installed. This adjustment is applied to DDP184.

The hopper spacer has already adhered. Therefore, the addition of hopper spacer is unnecessary. When container stacker 1 and container stacker 2 are installed, confirm paper feeding position in container stacker 2.

- 1) Print the same sized paper from tray 1 and tray 2, and check the paper feeding position.
- 2) In case that the configuration includes Container Stacker 1, check the paper feeding position on the sample tray.
- 3) In case that the configuration includes Container Stacker 2, open the Top Cover of the Container Stacker 2, insert the cheater in the interlock switch, and check the paper feeding position on the slit between paper guides.

-The cheater is in the accessory box of the printer.

- 4) Set a standard point in the sample tray and the frame of Container Stacker and check the gap of the paper feeding position between tray 1 and tray 2, whether the paper is closer to the front side or the rear side.
- 5) When the gap of the paper feeding position between tray 1 and tray 2 is 2mm or more, correct the connection of the printer according to the Chapter4 Installation.



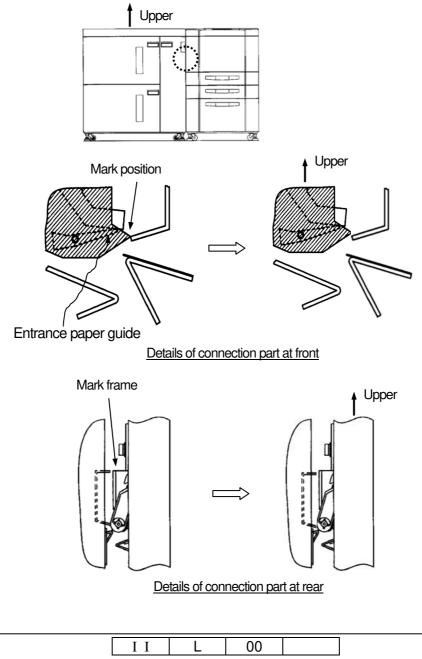
Container Stacker2

ΙI	L	00	
	Check	s 6-10	

- 6) If printed-paper have "dog-eared corners", check the next item. Because paper may touch a tip of entrance paper guide.
- (1) Check which of "Disable", "Enable" and "Auto select" the de-curler function of the container stacker selects in OCP.
- (2) Install the container stacker slightly than the printer above.

Check the mark position of front side and the mark frame of rear side, and adjust the leveling bolt.

- (3) Check contact condition of the feeding paper and tip of entrance paper guide on container stacker, when the container's de-curler function selects "Disable".
- (4) Check contact condition of the feeding paper and tip of entrance paper guide on container stacker, when the container's de-curler function selects "Enable".
- (5) If printed-paper have "dog-eared corners", readjust the height of the container stacker in a leveling bolt, and repeat work (3), (4).
- (6) Return to original de-curler function of container stacker selects in OCP.

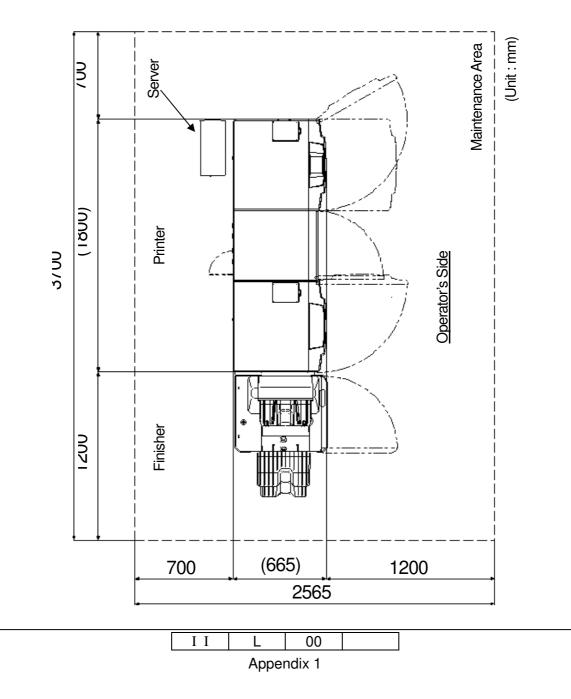


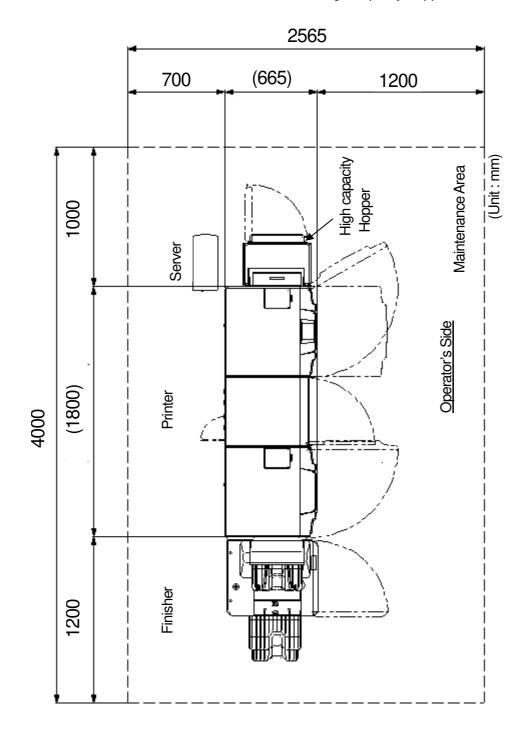


Appendix 1. Installation Area Information

CAUTION * Don't install the Server in the following place. The position in which the Cover and the Tray cannot be opened. Under the tray of the Finisher. Front of exhaust fan. Top of the Printer.



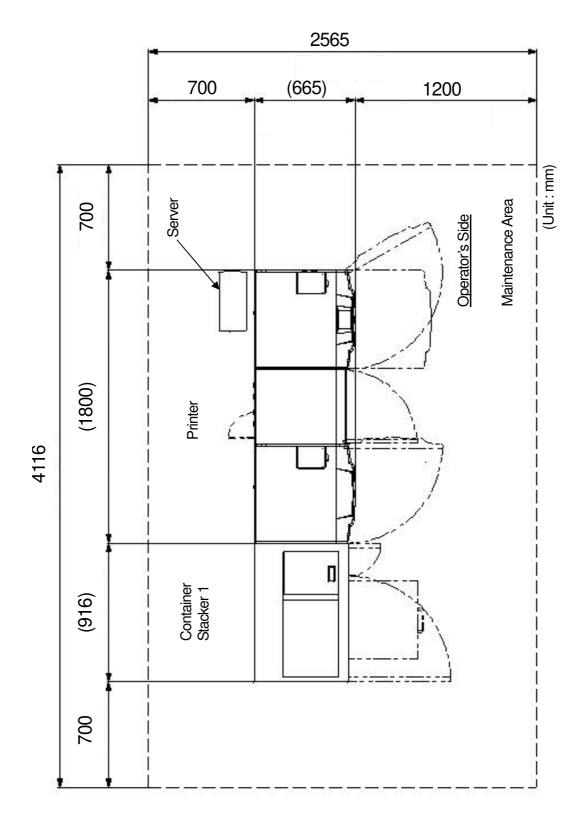




Appendix 1.2 Installation/maintenance area of the Printer, High Capacity Hopper and Finisher.

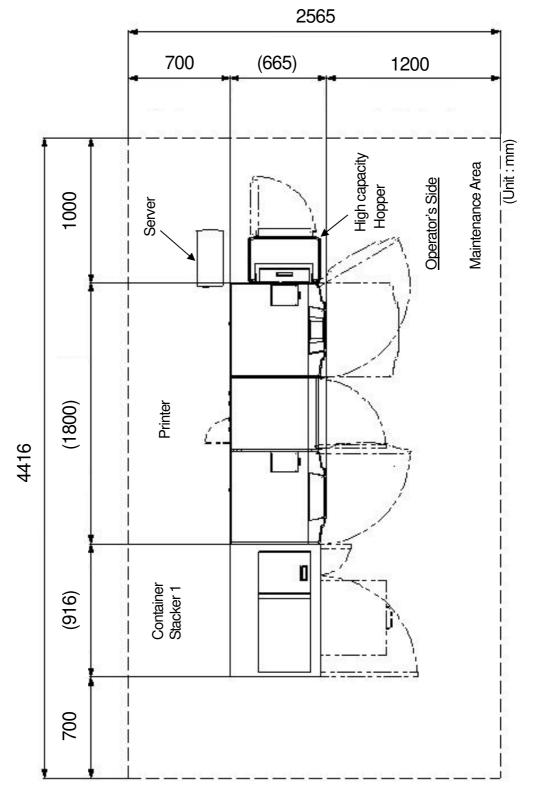
ΙI	L	00	
	Apper	ndix 2	

Appendix 1.3 Installation/maintenance area of the Printer and Container Stacker 1 (including sample tray).

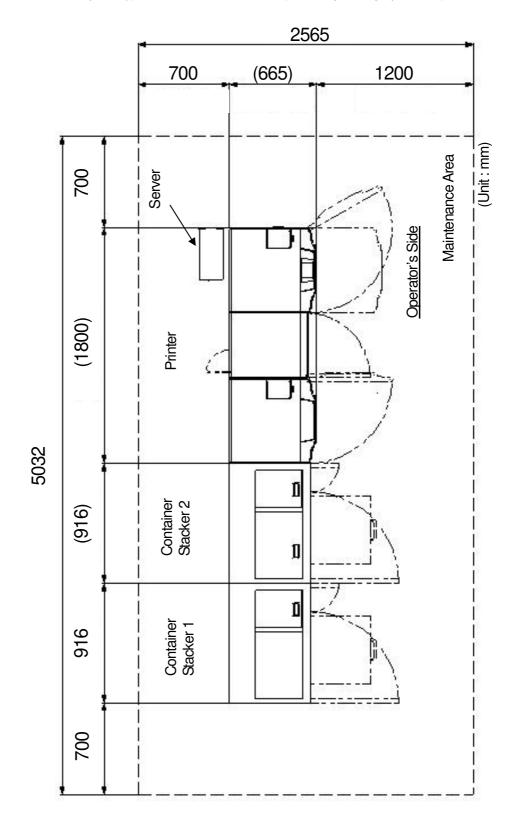


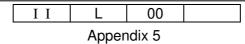
I I L 00 Appendix 3

Appendix 1.4 Installation/maintenance area of the Printer, High Capacity Hopper and Container Stacker 1 (including sample tray).

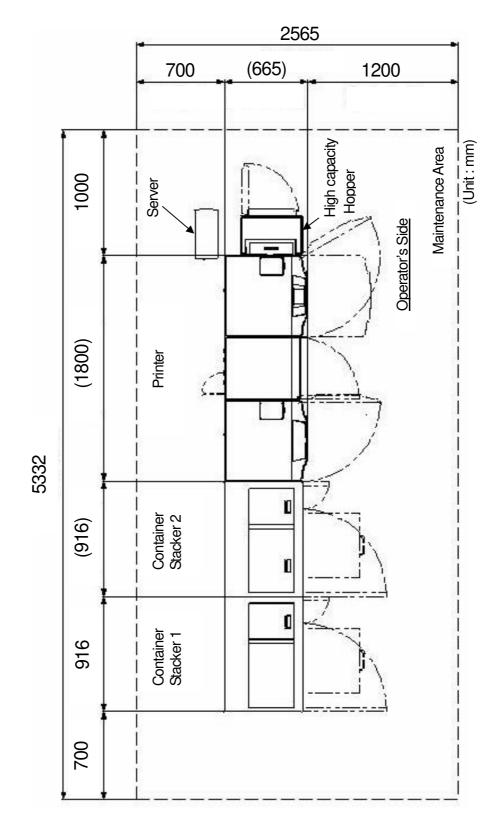


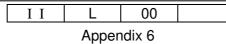
Appendix 1.5 Installation/maintenance area of the Printer, Container Stacker 1 (including sample tray) and Container stacker 2 (including through path unit).



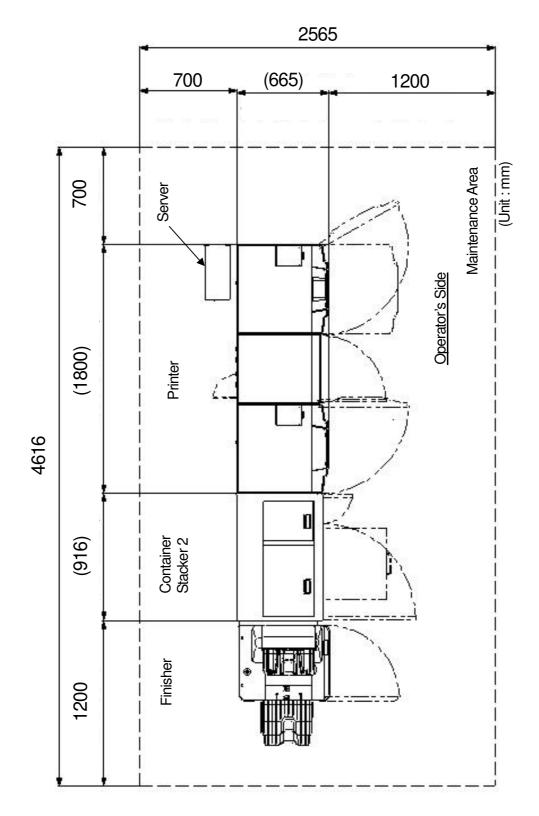


Appendix 1.6 Installation/maintenance area of the Printer, High Capacity Hopper, Container Stacker 1 (including sample tray) and Container stacker 2 (including through path unit).



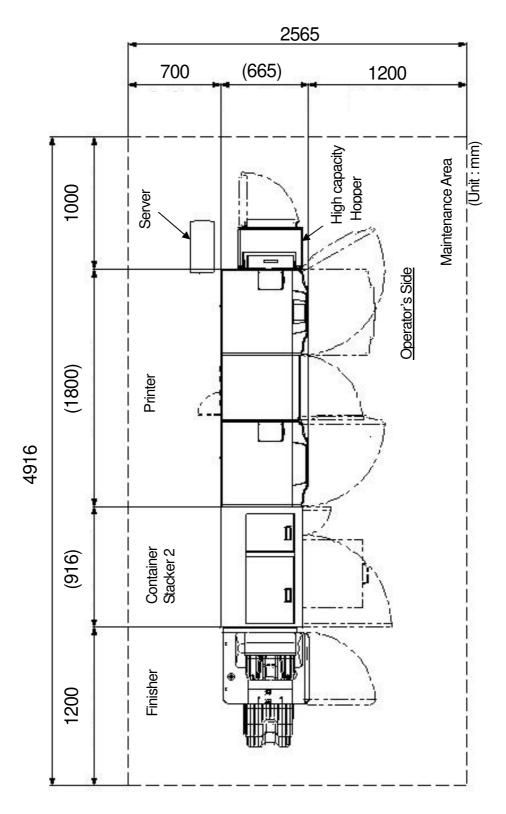


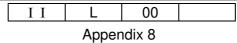
Appendix 1.7 Installation/maintenance area of the Printer, Container Stacker 2 (including through path unit) and Finisher.



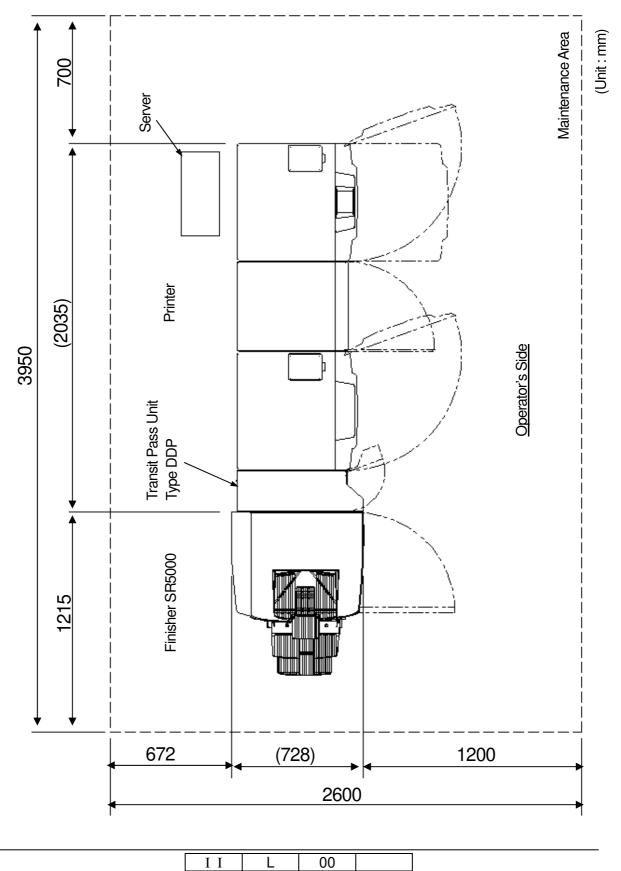
I I L 00 Appendix 7

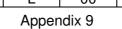
Appendix 1.8 Installation/maintenance area of the Printer, High Capacity Hopper, Container Stacker 2 (including through path unit) and Finisher.





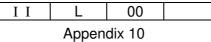
Appendix 1.9 Installation/maintenance area of the Printer, Transit Pass Unit Type DDP and Finisher SR5000.



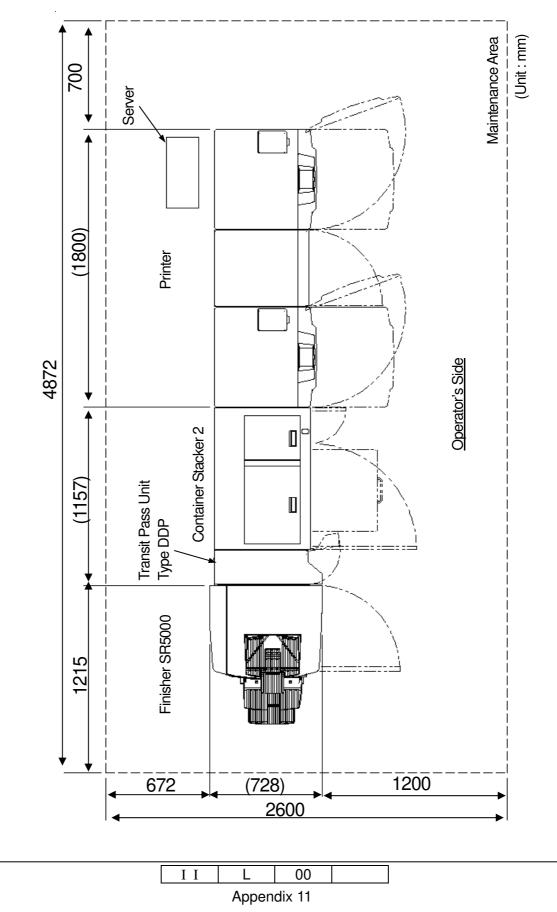


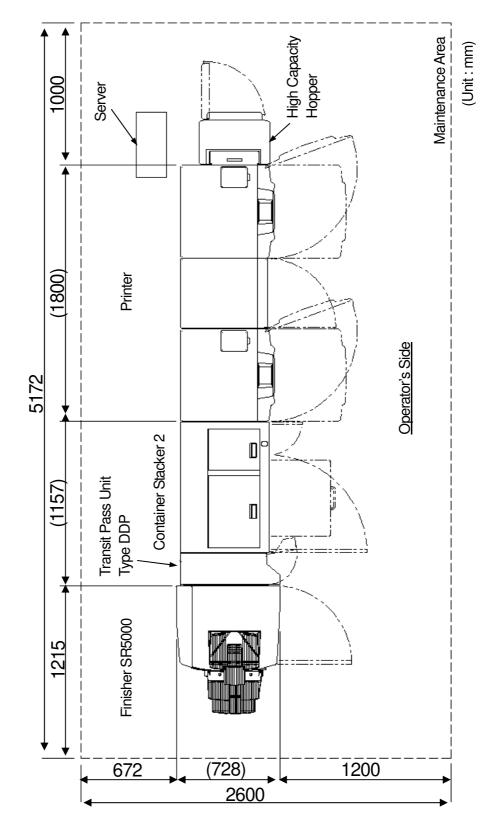
· High Capacity Hopper Maintenance Area (Unit : mm) Server Printer 4250 (2035)**Operator's Side** h Transit Pass Unit Type DDP Finisher SR5000 215 672 1200 (728) 2600

Appendix 1.10 Installation/maintenance area of the Printer, High Capacity Hopper, Transit Pass Unit Type DDP and Finisher SR5000.



Appendix 1.11 Installation/maintenance area of the Printer, Container Stacker 2 (including through path), Transit Pass Unit Type DDP and Finisher SR5000.





Appendix 1.12 Installation/maintenance area of the Printer, High Capacity Hopper, Container Stacker 2 (including through path), Transit Pass Unit Type DDP and Finisher SR5000.



L

00

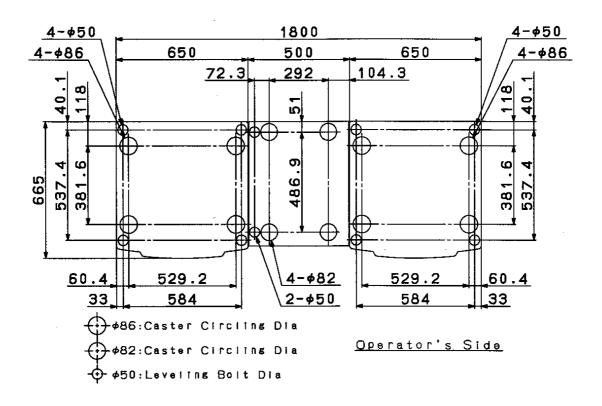
ΙΙ

Appendix 2. Locations of the Leveling Bolt and Caster

Appendix 2.1 Locations of the Leveling Bolt and Caster of the Printer

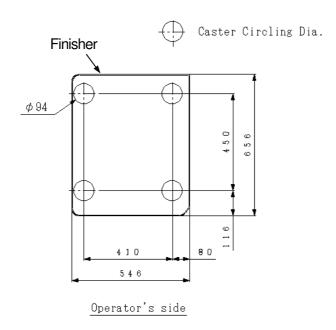
CAUTION

Make sure that the ground under the floor where the Leveling Bolt is installed is reinforced by the stand or other. If the ground is not reinforced, because of the holes on the floor, the Printer may tilt and maybe the paper path will be affected.

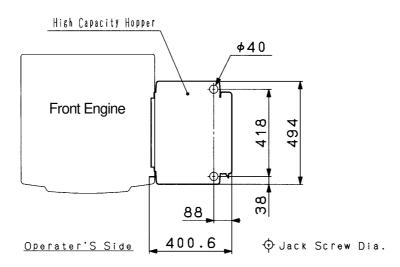


ΙI	L	00	
	Appen	dix 13	

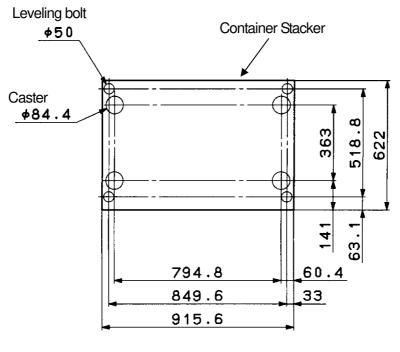
Appendix 2.2 Locations of the Leveling Bolt and Caster of the Finisher







[ΙΙ	L	00	
		Appen	dix 14	

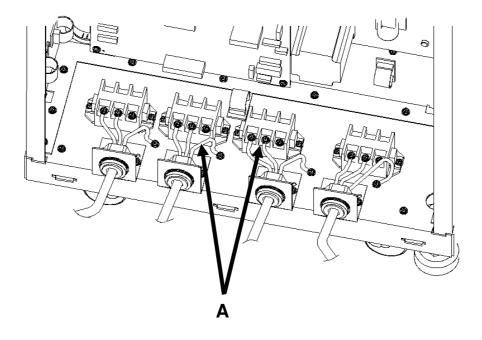


Appendix 2.4 Locations of the Leveling Bolt and Caster of the Container Stacker.

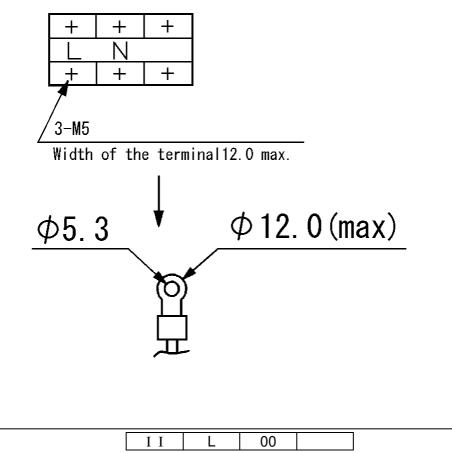
Operator's side

ΙI	L	00	
	Appen	dix 15	

Appendix 3.Connector Mounting Diagram



A : Terminal for receiving transmitted electricity



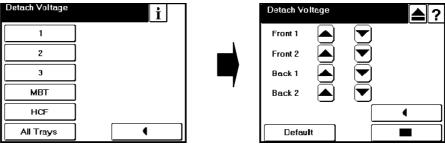
Appendix 16

Appendix 4. Detach Voltage Adjustment (When the installation site is 1300ft or more)

The Detach Voltage is sensitive to elevation, humidity, and paper type. Therefore, when the installation site is 1300ft or more, it is necessary to be set appropriately according to altitude of installation site.

The procedure for adjusting the Detach Voltage will depend on the Controller Version of your printer. Performing the following steps, set the Detach Voltage.

Select Printer / Options / >>/ Detach Voltage / Front Engine or Rear Engine



The following screen will be displayed.

Select All trays

Set the Detach Voltage value by using " \blacktriangle " and " \blacktriangledown " buttons, according to the altitude as shown in table 6.1. At that time, make the setting of both the front and back pages same.

	Default	Oft <altitude<1,300ft< th=""><th>1,300ft<altitude<3,800< th=""><th>3,800ft<altitude<7,000< th=""></altitude<7,000<></th></altitude<3,800<></th></altitude<1,300ft<>	1,300ft <altitude<3,800< th=""><th>3,800ft<altitude<7,000< th=""></altitude<7,000<></th></altitude<3,800<>	3,800ft <altitude<7,000< th=""></altitude<7,000<>
DTC_PWM	144	144	128	112

ΙI	L	00	
	Appen	dix 17	