

bizhub PRO 1200/1200P/1051

Additional Information

Perfect Binder PB-503 option is newly provided to bizhub PRO 1200/1200P/1051.

Please refer to this guide for the operation and safety information on Perfect Binder PB-503, and keep it inside the user's guide of copier so that it is readily available for reference.

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7 Correction in bizhub PRO 1200/1200P/1051 User's Guides

- 7.1 List of the Administrator's Setting (p. 6-6 of bizhub PRO 1200/1051 POD Administrator's Reference) 71**
- 7.2 List of the Administrator's Setting (p. 6-5 of POD Administrator's Reference in bizhub PRO 1200P Main Body) 71**
- 7.3 09 Perfect Binding Setting - 01 Useful Paper Weight (p. 6-44 of bizhub PRO 1200/1051 POD Administrator's Reference) 72**

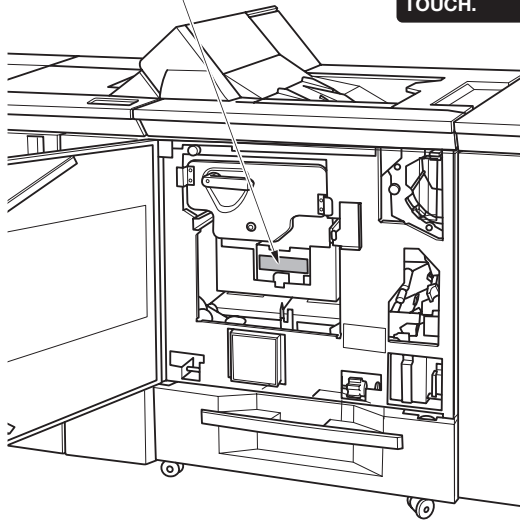
1 Precautions for Installation and Use

1.1 Caution Label



CAUTION

The paste tank unit is very hot. To avoid getting burned **DO NOT TOUCH.**



CAUTION

Precaution for caution labels

If you touch the part applied with a caution label, you may get burned.

- Do not remove caution labels. Should any caution label be illegible due to soilage, clean the label. If any caution label is removed or cleaning does not render the label legible, please contact your service representative.

1.2 Precautions for Paste Pellets and the Perfect Binder

To ensure safety and product reliability, observe the precautions for using paste pellets and the Perfect Binder.

Precautions for Paste Pellets

- Paste pellets are not edible; do not put them in your mouth nor swallow them.
- Keep paste pellets out of reach of children.
- Store paste pellets in dark, cool indoors at temperature between 5 and 35 degrees Celsius, avoiding direct sunlight or exposure to water.
- Paste pellets may become degraded by such products as common oils, organic solvents, solvents used in ink formulations, or volatile fragrances. Such degradation may cause deterioration in adhesiveness, resulting in poor binding performance.

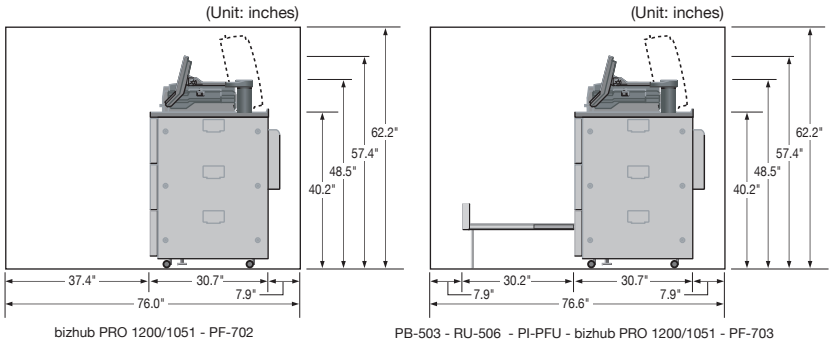
Precautions for Perfect Binder

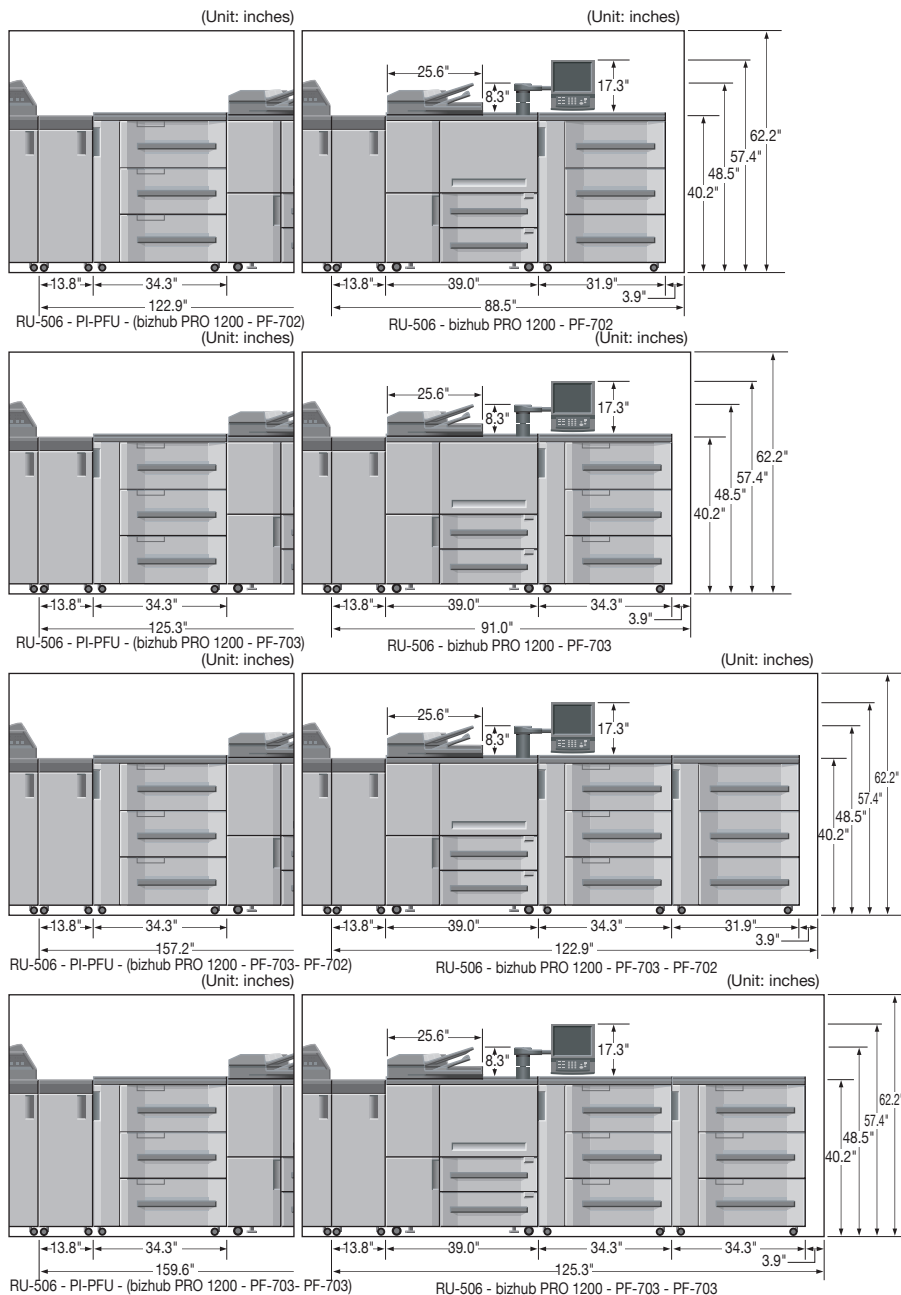
- Use only the paste GC-501 for this binder.
- Handle melted hot paste only with great care.
- If you need to clean or replace melted hot paste, contact your service representative.
- In order to prevent degradation of paste owing to heating, ensure that the machine is turned off when it is not in use. It is recommended that you adjust the time settings for the low power mode and shut-off mode of the main body to suit the usage of the perfect binder, since then apply to the binder as well.
- Do not overload the paste hopper with paste pellets.
- Do not touch the lever in the paste hopper with your hand to avoid break-down.

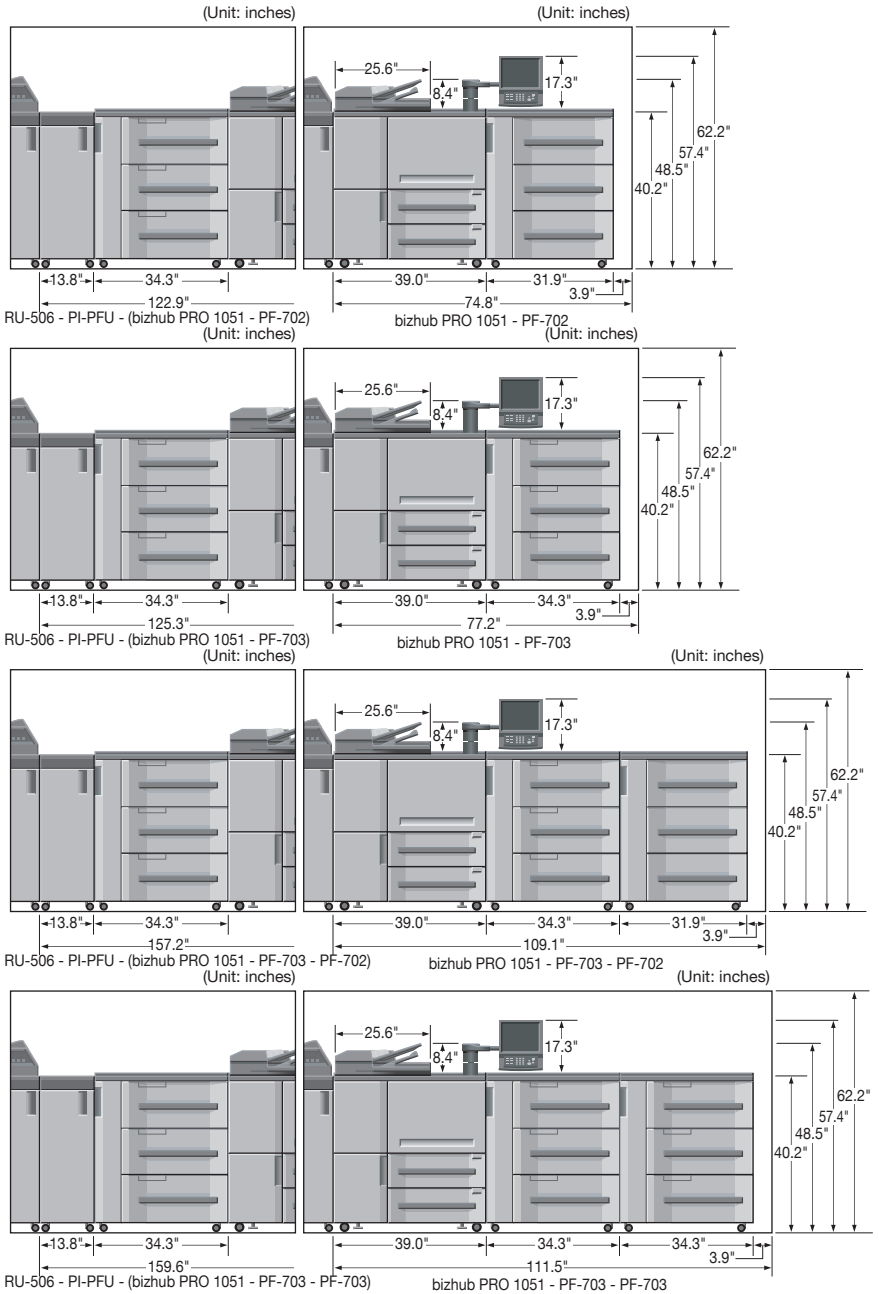
1.3 bizhub PRO 1200/1051 Installation Space

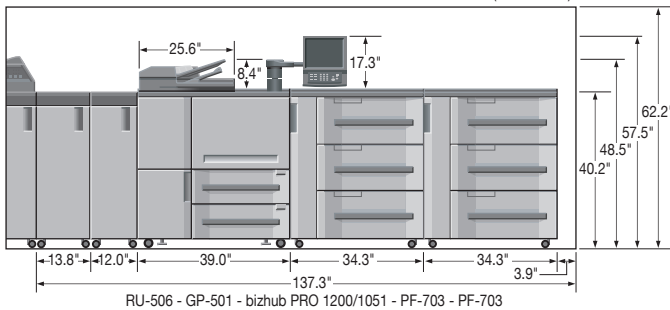
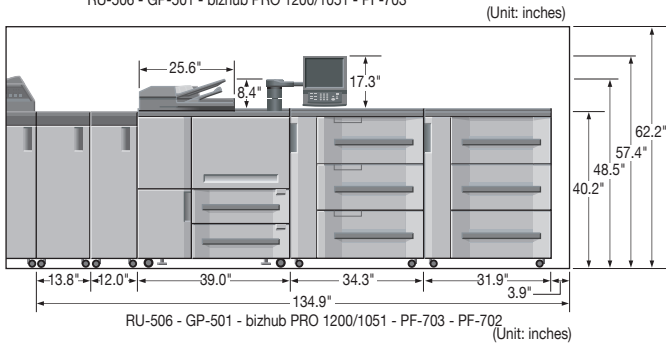
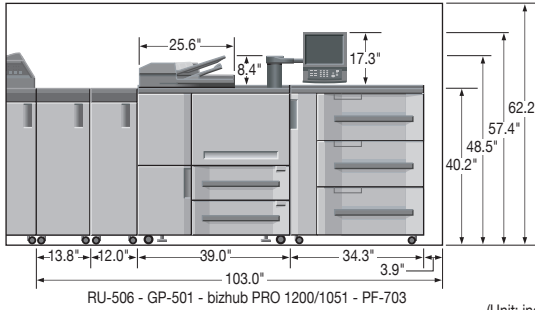
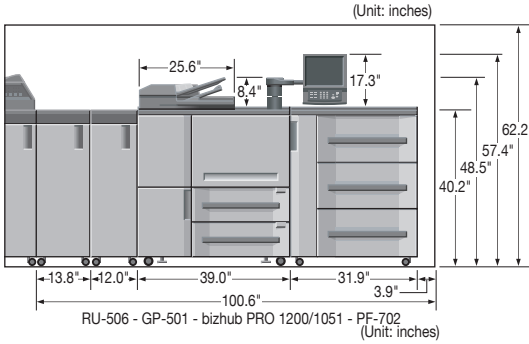
Allow sufficient space for facilitating copy operation, changing parts, and periodic inspection. Leave an adequate space behind the machine to let hot air out from the rear fan.

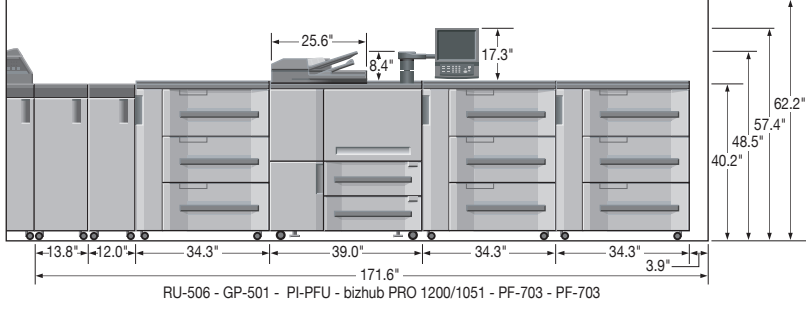
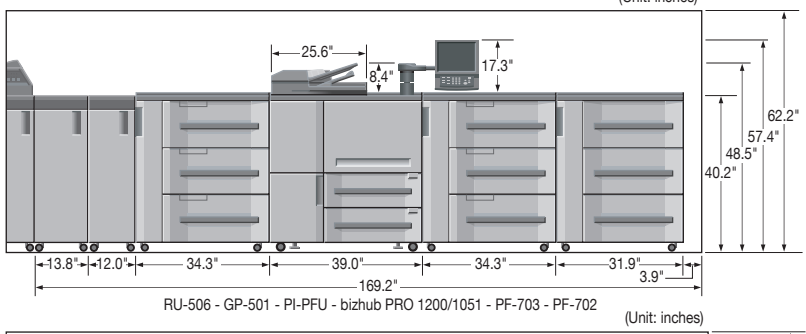
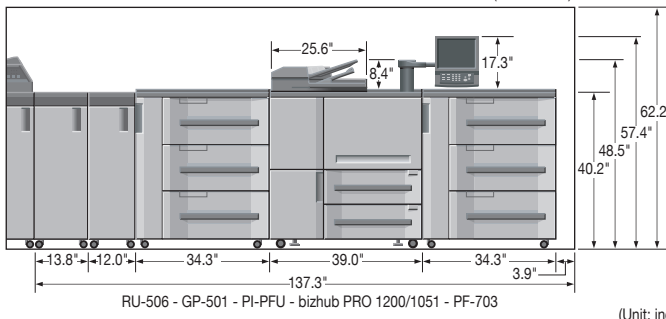
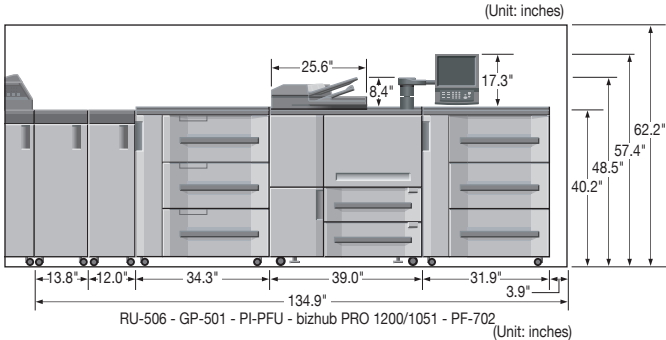
The whole machine may weigh approx. 3,867.6 lb (1,758 kg) at maximum, depending on the combination of options. Be sure to choose a level and solid floor for the installation place.

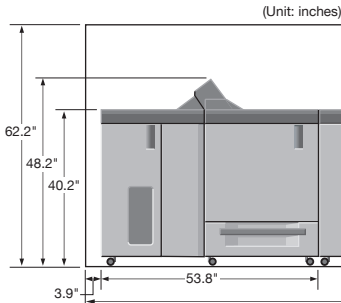






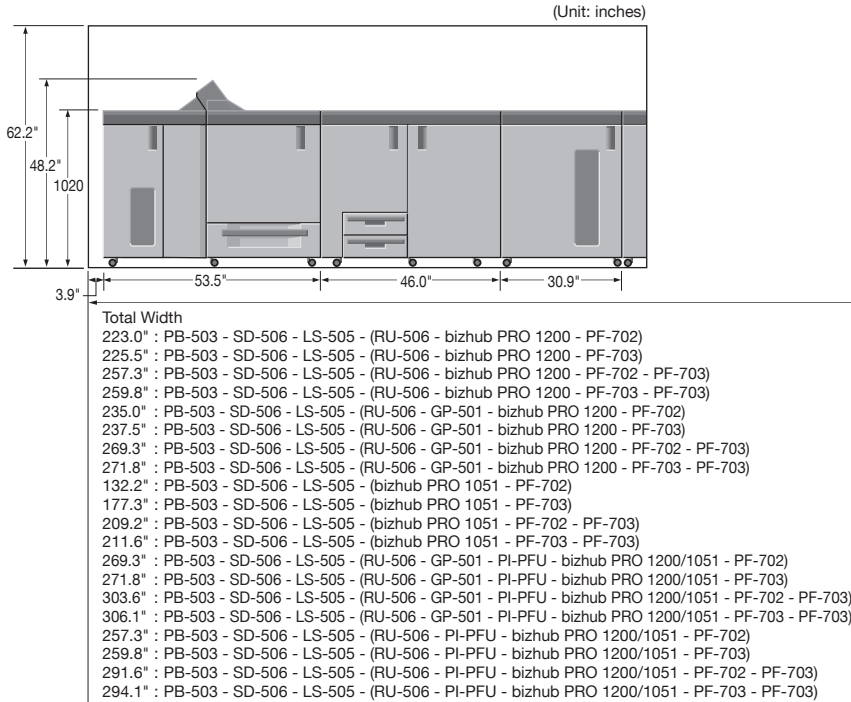


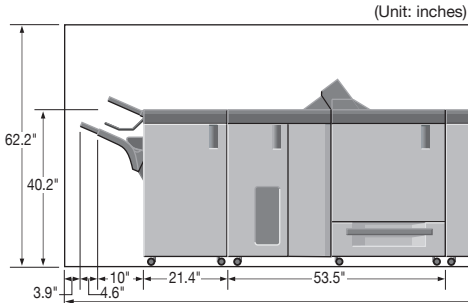




Total Width

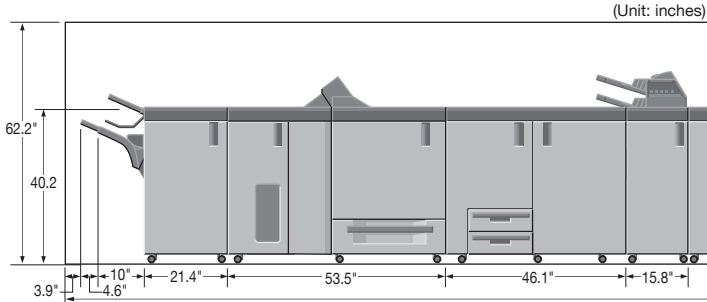
146.0"	PB-503 - (RU-506 - bizhub PRO 1200 - PF-702)
148.5"	PB-503 - (RU-506 - bizhub PRO 1200 - PF-703)
180.3"	PB-503 - (RU-506 - bizhub PRO 1200 - PF-702 - PF-703)
182.8"	PB-503 - (RU-506 - bizhub PRO 1200 - PF-703 - PF-703)
156.0"	PB-503 - (RU-506 - GP-501 - bizhub PRO 1200/1051 - PF-702)
160.5"	PB-503 - (RU-506 - GP-501 - bizhub PRO 1200/1051 - PF-703)
192.3"	PB-503 - (RU-506 - GP-501 - bizhub PRO 1200/1051 - PF-702 - PF-703)
194.8"	PB-503 - (RU-506 - GP-501 - bizhub PRO 1200/1051 - PF-703 - PF-703)
132.2"	PB-503 - (bizhub PRO 1051 - PF-702)
134.7"	PB-503 - (bizhub PRO 1051 - PF-703)
166.6"	PB-503 - (bizhub PRO 1051 - PF-702 - PF-703)
169.0"	PB-503 - (bizhub PRO 1051 - PF-703 - PF-703)
192.3"	PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-702)
194.8"	PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-703)
226.7"	PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-702 - PF-703)
229.1"	PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-703 - PF-703)
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182.8"	PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-703)
214.6"	PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-702 - PF-703)
217.1"	PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-703 - PF-703)





Total Width

- 182.0" : FS-521 - PB-503 - (RU-506 - bizhub PRO 1200 - PF-702)
- 184.5" : FS-521 - PB-503 - (RU-506 - bizhub PRO 1200 - PF-703)
- 216.4" : FS-521 - PB-503 - (RU-506 - bizhub PRO 1200 - PF-702 - PF-703)
- 218.8" : FS-521 - PB-503 - (RU-506 - bizhub PRO 1200 - PF-703 - PF-703)
- 194.1" : FS-521 - PB-503 - (RU-506 - GP-501 - bizhub PRO 1200 - PF-702)
- 196.5" : FS-521 - PB-503 - (RU-506 - GP-501 - bizhub PRO 1200 - PF-703)
- 228.5" : FS-521 - PB-503 - (RU-506 - GP-501 - bizhub PRO 1200 - PF-702 - PF-703)
- 230.8" : FS-521 - PB-503 - (RU-506 - GP-501 - bizhub PRO 1200 - PF-703 - PF-703)
- 168.3" : FS-521 - PB-503 - (bizhub PRO 1051 - PF-702)
- 170.7" : FS-521 - PB-503 - (bizhub PRO 1051 - PF-703)
- 202.6" : FS-521 - PB-503 - (bizhub PRO 1051 - PF-702 - PF-703)
- 205.0" : FS-521 - PB-503 - (bizhub PRO 1051 - PF-703 - PF-703)
- 228.4" : FS-521 - PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-702)
- 230.8" : FS-521 - PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-703)
- 262.7" : FS-521 - PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-702 - PF-703)
- 265.1" : FS-521 - PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-703 - PF-703)
- 216.4" : FS-521 - PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-702)
- 218.8" : FS-521 - PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-703)
- 250.7" : FS-521 - PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-702 - PF-703)
- 253.1" : FS-521 - PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-703 - PF-703)

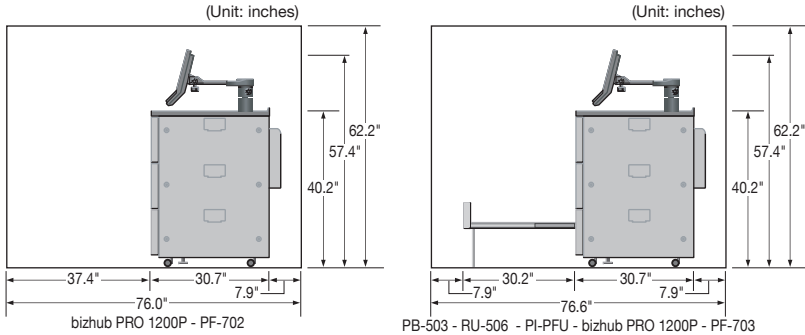


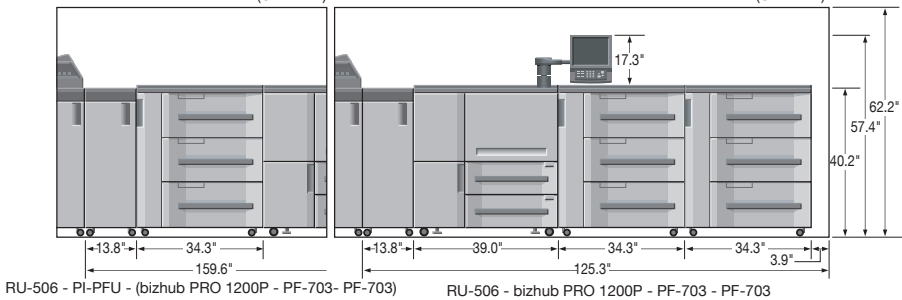
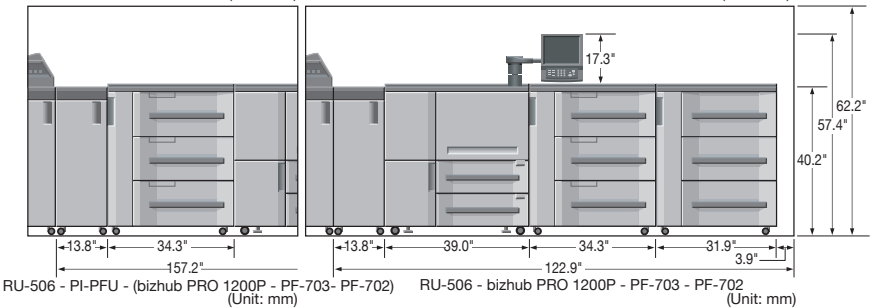
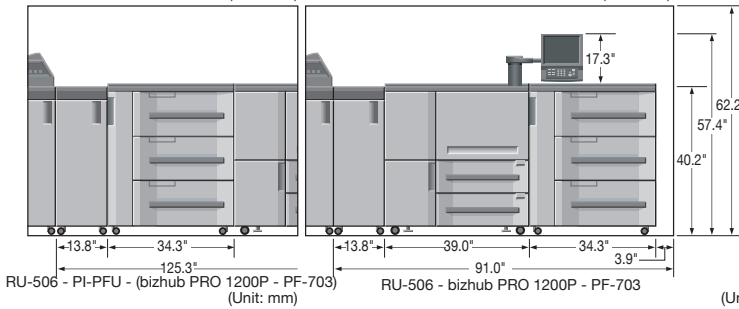
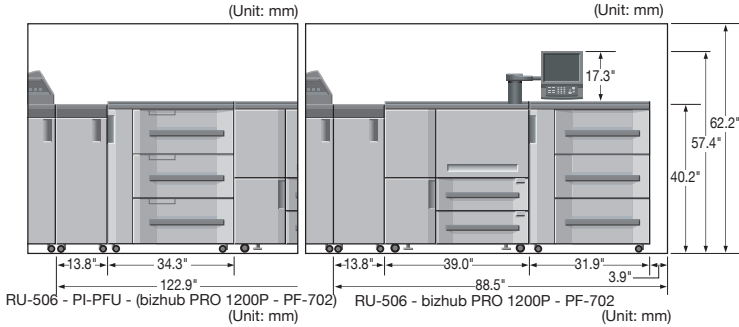
Total Width
243.9" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - bizhub PRO 1200 - PF-702)
246.3" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - bizhub PRO 1200 - PF-703)
278.2" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - bizhub PRO 1200 - PF-702 - PF-703)
280.6" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - bizhub PRO 1200 - PF-703 - PF-703)
255.9" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - bizhub PRO 1200 - PF-702)
258.3" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - bizhub PRO 1200 - PF-703)
290.2" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - bizhub PRO 1200 - PF-702 - PF-703)
292.6" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - bizhub PRO 1200 - PF-703 - PF-703)
230.1" : FS-521 - PB-503 - SD-506 - FD-503 - (bizhub PRO 1051 - PF-702)
232.5" : FS-521 - PB-503 - SD-506 - FD-503 - (bizhub PRO 1051 - PF-703)
264.4" : FS-521 - PB-503 - SD-506 - FD-503 - (bizhub PRO 1051 - PF-702 - PF-703)
266.9" : FS-521 - PB-503 - SD-506 - FD-503 - (bizhub PRO 1051 - PF-703 - PF-703)
290.2" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-702)
292.6" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-703)
324.5" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-702 - PF-703)
327.0" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200/1051 - PF-703 - PF-703)
278.2" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-702)
280.6" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-703)
312.5" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-702 - PF-703)
314.9" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - PI-PFU - bizhub PRO 1200/1051 - PF-703 - PF-703)

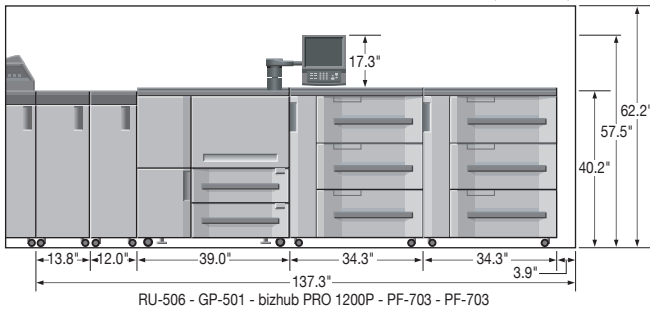
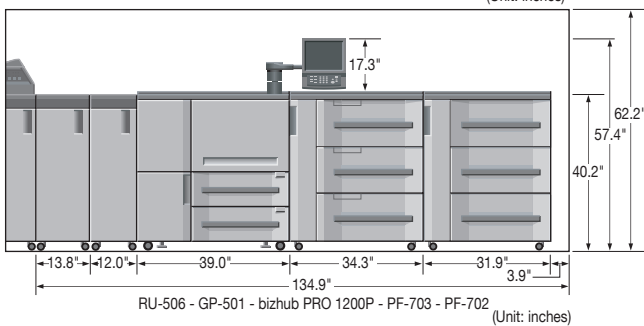
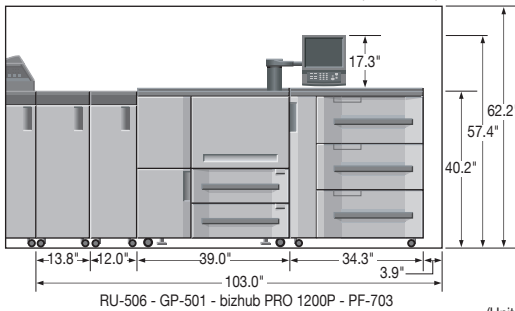
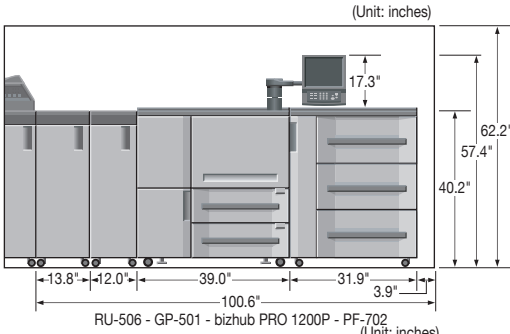
1.4 bizhub PRO 1200P Installation Space

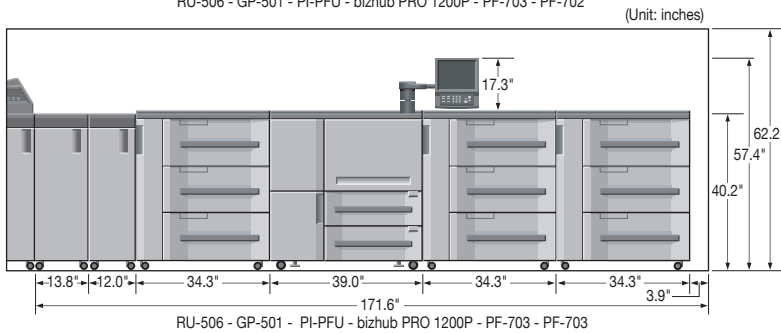
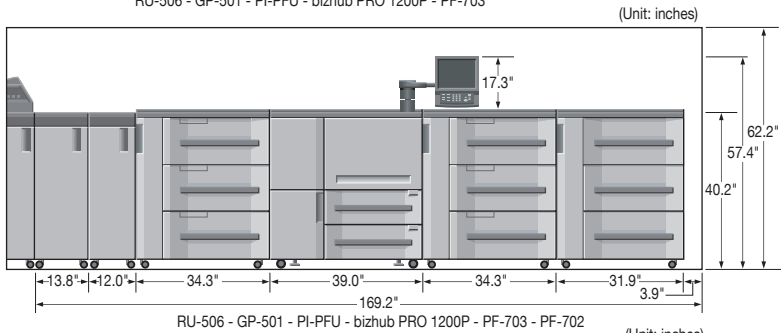
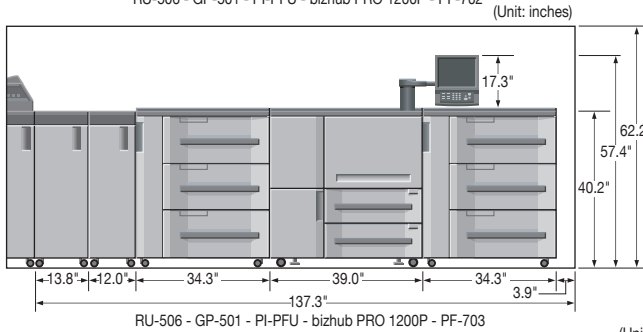
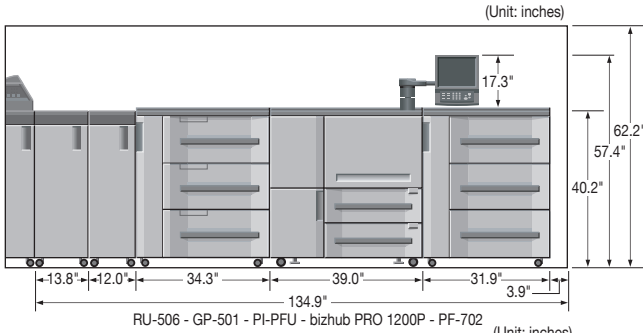
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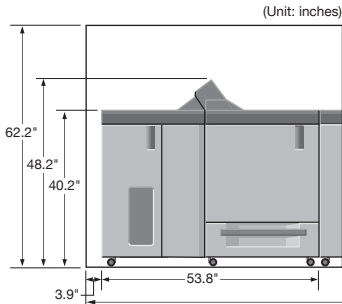
The whole machine may weigh approx. 3,801.6 lb (1,728 kg) at maximum, depending on the combination of options. Be sure to choose a level and solid floor for the installation place.





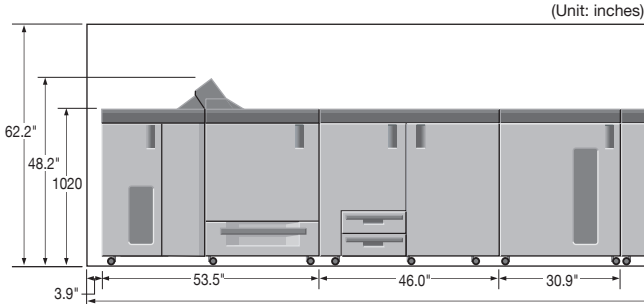






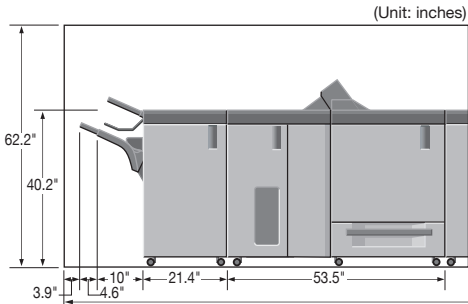
Total Width

146.0"	PB-503 - (RU-506 - bizhub PRO 1200P - PF-702)
148.5"	PB-503 - (RU-506 - bizhub PRO 1200P - PF-703)
180.3"	PB-503 - (RU-506 - bizhub PRO 1200P - PF-702 - PF-703)
182.8"	PB-503 - (RU-506 - bizhub PRO 1200P - PF-703 - PF-703)
158.0"	PB-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-702)
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132.2"	PB-503 - (bizhub PRO 1200P - PF-702)
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169.0"	PB-503 - (bizhub PRO 1200P - PF-703 - PF-703)
192.3"	PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-702)
194.8"	PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-703)
226.7"	PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-702 - PF-703)
229.1"	PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-703 - PF-703)
180.3"	PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-702)
182.8"	PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-703)
214.6"	PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-702 - PF-703)
217.1"	PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-703 - PF-703)



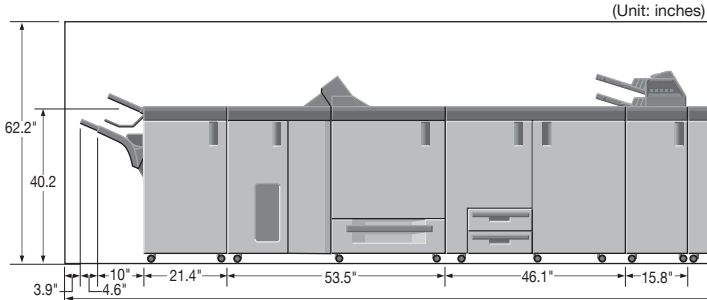
Total Width

- 223.0" : PB-503 - SD-506 - LS-505 - (RU-506 - bizhub PRO 1200P - PF-702)
- 225.5" : PB-503 - SD-506 - LS-505 - (RU-506 - bizhub PRO 1200P - PF-703)
- 257.3" : PB-503 - SD-506 - LS-505 - (RU-506 - bizhub PRO 1200P - PF-702 - PF-703)
- 259.8" : PB-503 - SD-506 - LS-505 - (RU-506 - bizhub PRO 1200P - PF-703 - PF-703)
- 235.0" : PB-503 - SD-506 - LS-505 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-702)
- 237.5" : PB-503 - SD-506 - LS-505 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-703)
- 269.3" : PB-503 - SD-506 - LS-505 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-702 - PF-703)
- 271.8" : PB-503 - SD-506 - LS-505 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-703 - PF-703)
- 132.2" : PB-503 - SD-506 - LS-505 - (bizhub PRO 1200P - PF-702)
- 177.3" : PB-503 - SD-506 - LS-505 - (bizhub PRO 1200P - PF-703)
- 209.2" : PB-503 - SD-506 - LS-505 - (bizhub PRO 1200P - PF-702 - PF-703)
- 211.6" : PB-503 - SD-506 - LS-505 - (bizhub PRO 1200P - PF-703 - PF-703)
- 269.3" : PB-503 - SD-506 - LS-505 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-702)
- 271.8" : PB-503 - SD-506 - LS-505 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-703)
- 303.6" : PB-503 - SD-506 - LS-505 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-702 - PF-703)
- 306.1" : PB-503 - SD-506 - LS-505 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-703 - PF-703)
- 257.3" : PB-503 - SD-506 - LS-505 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-702)
- 259.8" : PB-503 - SD-506 - LS-505 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-703)
- 291.6" : PB-503 - SD-506 - LS-505 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-702 - PF-703)
- 294.1" : PB-503 - SD-506 - LS-505 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-703 - PF-703)



Total Width

182.0"	FS-521 - PB-503 - (RU-506 - bizhub PRO 1200P - PF-702)
184.5"	FS-521 - PB-503 - (RU-506 - bizhub PRO 1200P - PF-703)
216.4"	FS-521 - PB-503 - (RU-506 - bizhub PRO 1200P - PF-702 - PF-703)
218.8"	FS-521 - PB-503 - (RU-506 - bizhub PRO 1200P - PF-703 - PF-703)
194.1"	FS-521 - PB-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-702)
196.5"	FS-521 - PB-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-703)
228.4"	FS-521 - PB-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-702 - PF-703)
230.8"	FS-521 - PB-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-703 - PF-703)
168.3"	FS-521 - PB-503 - (bizhub PRO 1200P - PF-702)
170.7"	FS-521 - PB-503 - (bizhub PRO 1200P - PF-703)
202.6"	FS-521 - PB-503 - (bizhub PRO 1200P - PF-702 - PF-703)
205.0"	FS-521 - PB-503 - (bizhub PRO 1200P - PF-703 - PF-703)
228.4"	FS-521 - PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-702)
230.8"	FS-521 - PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-703)
262.7"	FS-521 - PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-702 - PF-703)
265.1"	FS-521 - PB-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-703 - PF-703)
216.4"	FS-521 - PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-702)
218.8"	FS-521 - PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-703)
250.7"	FS-521 - PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-702 - PF-703)
253.1"	FS-521 - PB-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-703 - PF-703)

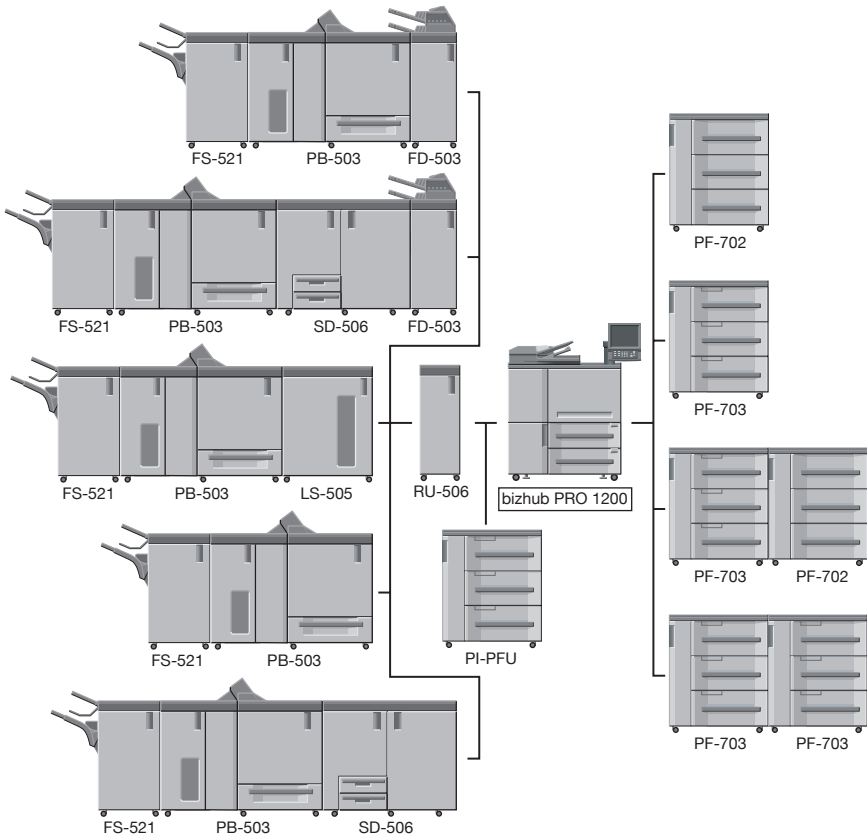


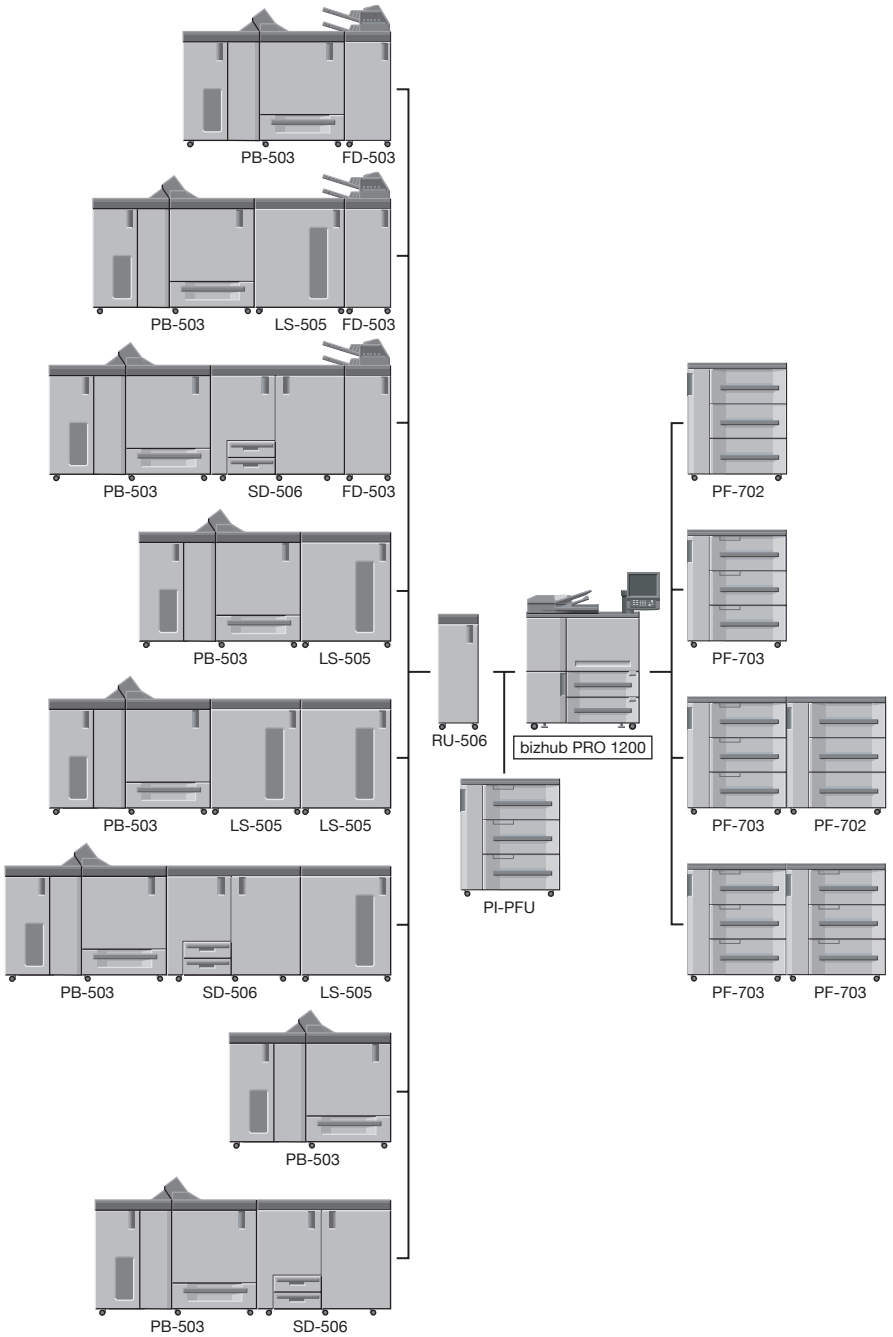
Total Width

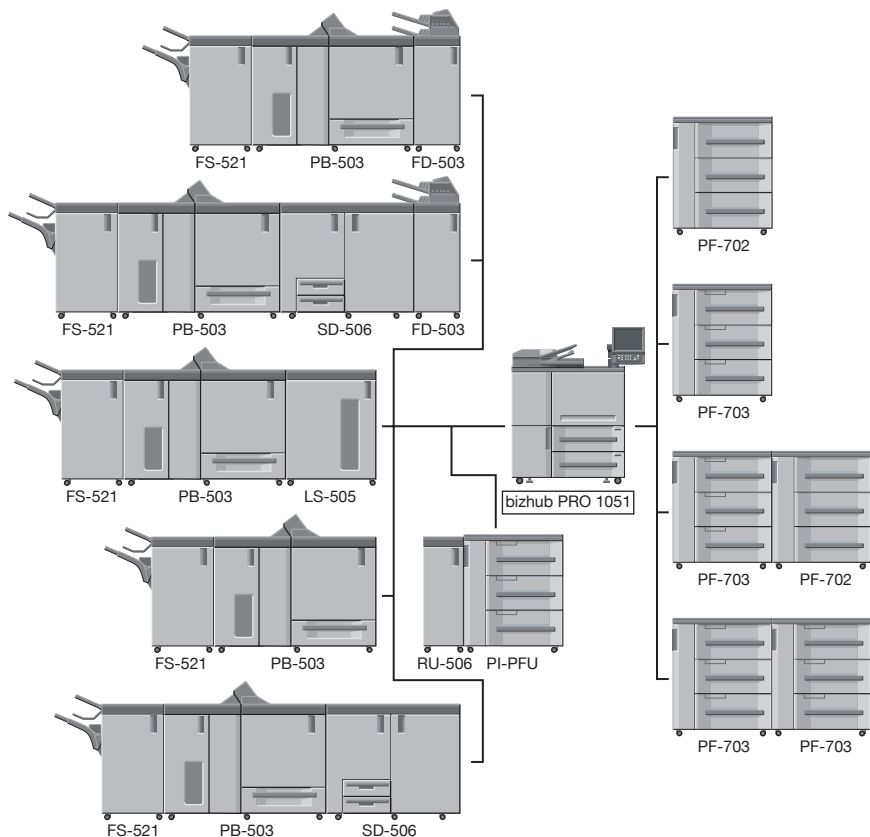
- 243.9" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - bizhub PRO 1200P - PF-702)
- 246.3" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - bizhub PRO 1200P - PF-703)
- 278.2" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - bizhub PRO 1200P - PF-702 - PF-703)
- 280.6" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - bizhub PRO 1200P - PF-703 - PF-703)
- 255.9" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-702)
- 258.3" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-703)
- 290.2" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-702 - PF-703)
- 292.6" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - bizhub PRO 1200P - PF-703 - PF-703)
- 230.1" : FS-521 - PB-503 - SD-506 - FD-503 - (bizhub PRO 1200P - PF-702)
- 232.5" : FS-521 - PB-503 - SD-506 - FD-503 - (bizhub PRO 1200P - PF-703)
- 264.4" : FS-521 - PB-503 - SD-506 - FD-503 - (bizhub PRO 1200P - PF-702 - PF-703)
- 266.9" : FS-521 - PB-503 - SD-506 - FD-503 - (bizhub PRO 1200P - PF-703 - PF-703)
- 290.2" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-702)
- 292.6" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-703)
- 324.5" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-702 - PF-703)
- 327.0" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - GP-501 - PI-PFU - bizhub PRO 1200P - PF-703 - PF-703)
- 278.2" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-702)
- 280.6" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-703)
- 312.5" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-702 - PF-703)
- 314.9" : FS-521 - PB-503 - SD-506 - FD-503 - (RU-506 - PI-PFU - bizhub PRO 1200P - PF-703 - PF-703)

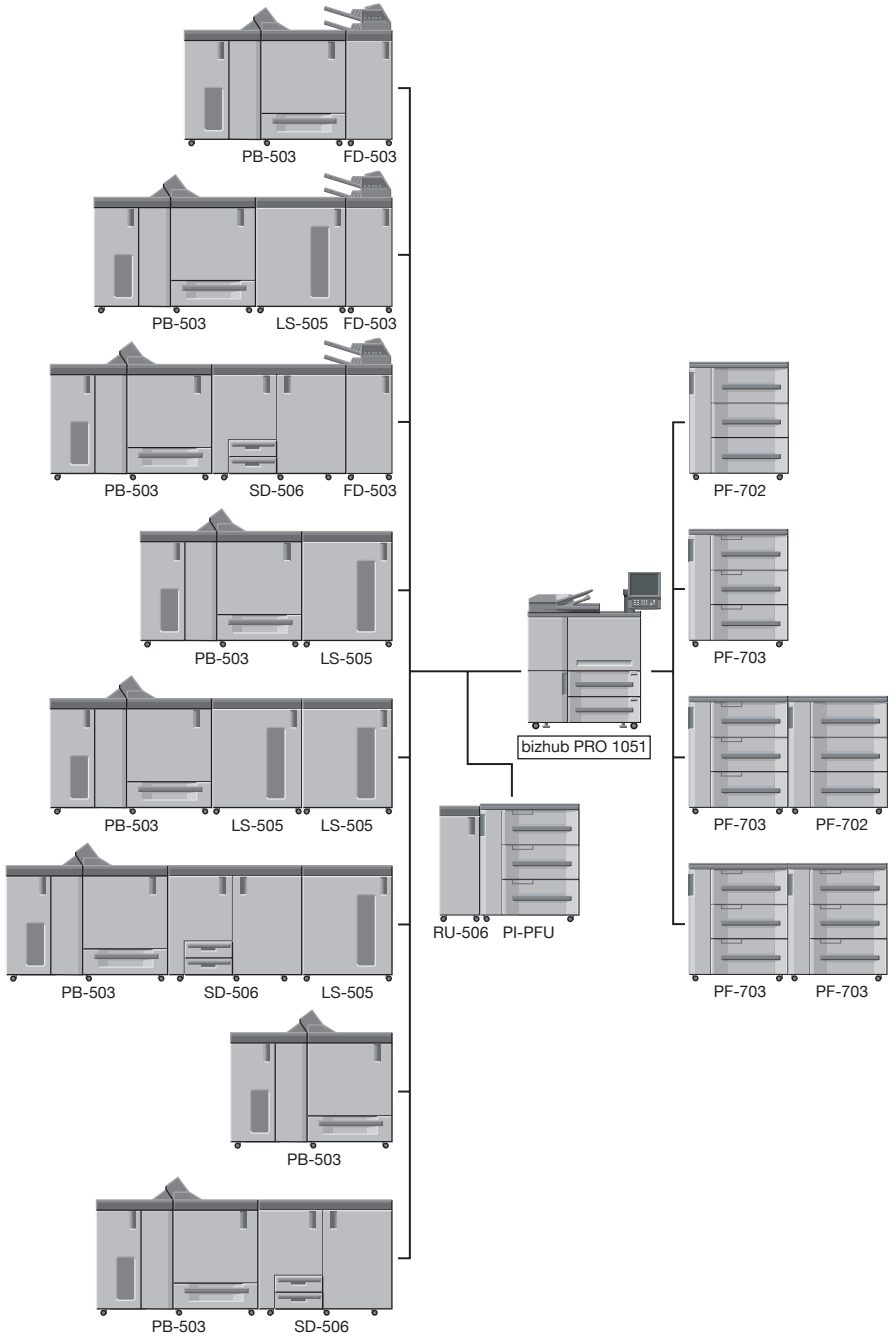
2 Machine Configuration

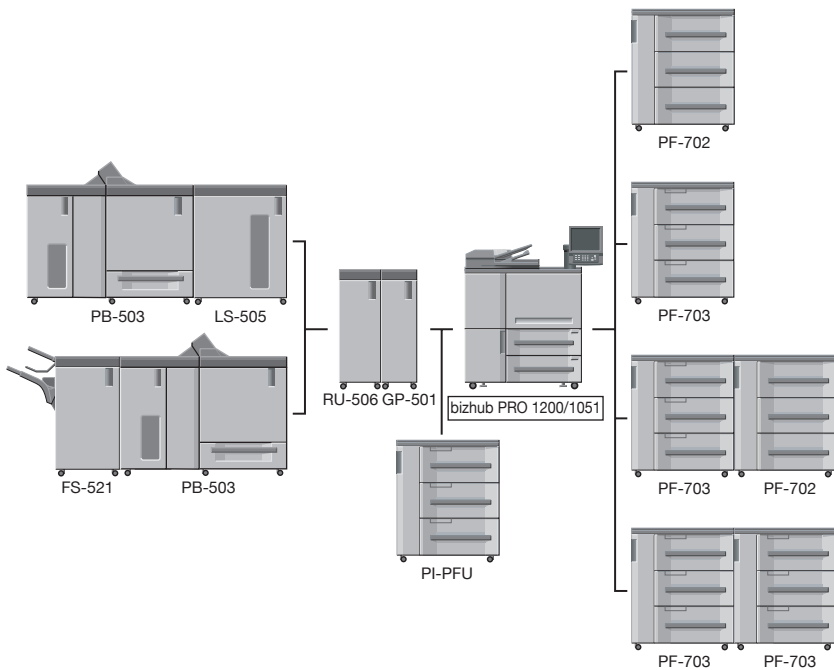
2.1 Standard/Optional Equipment

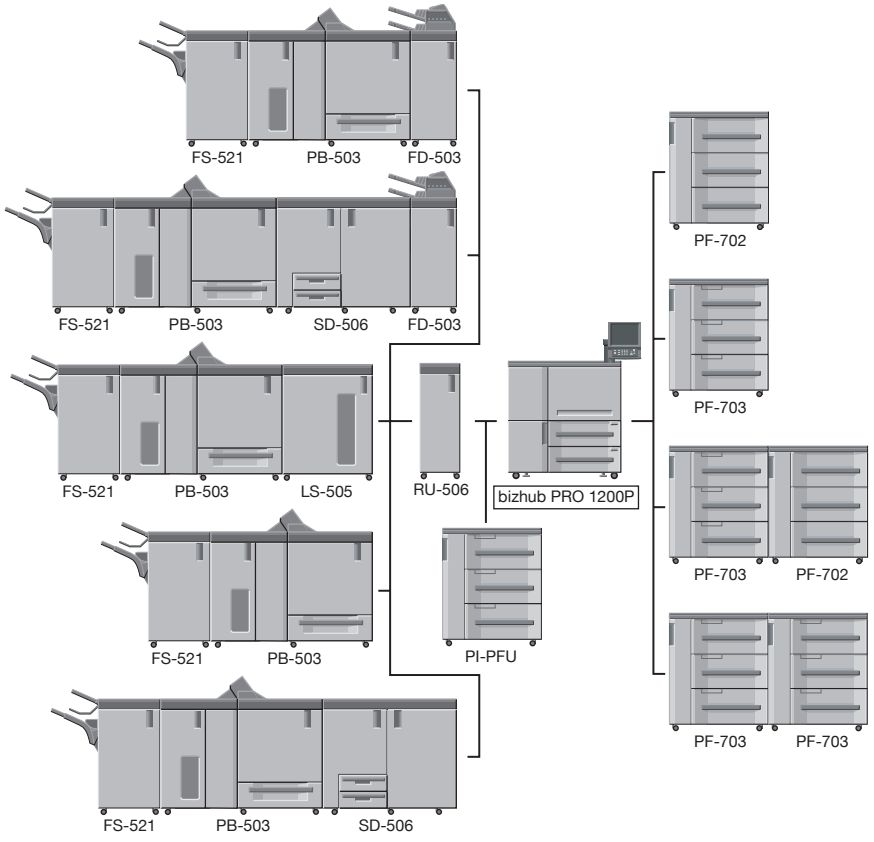


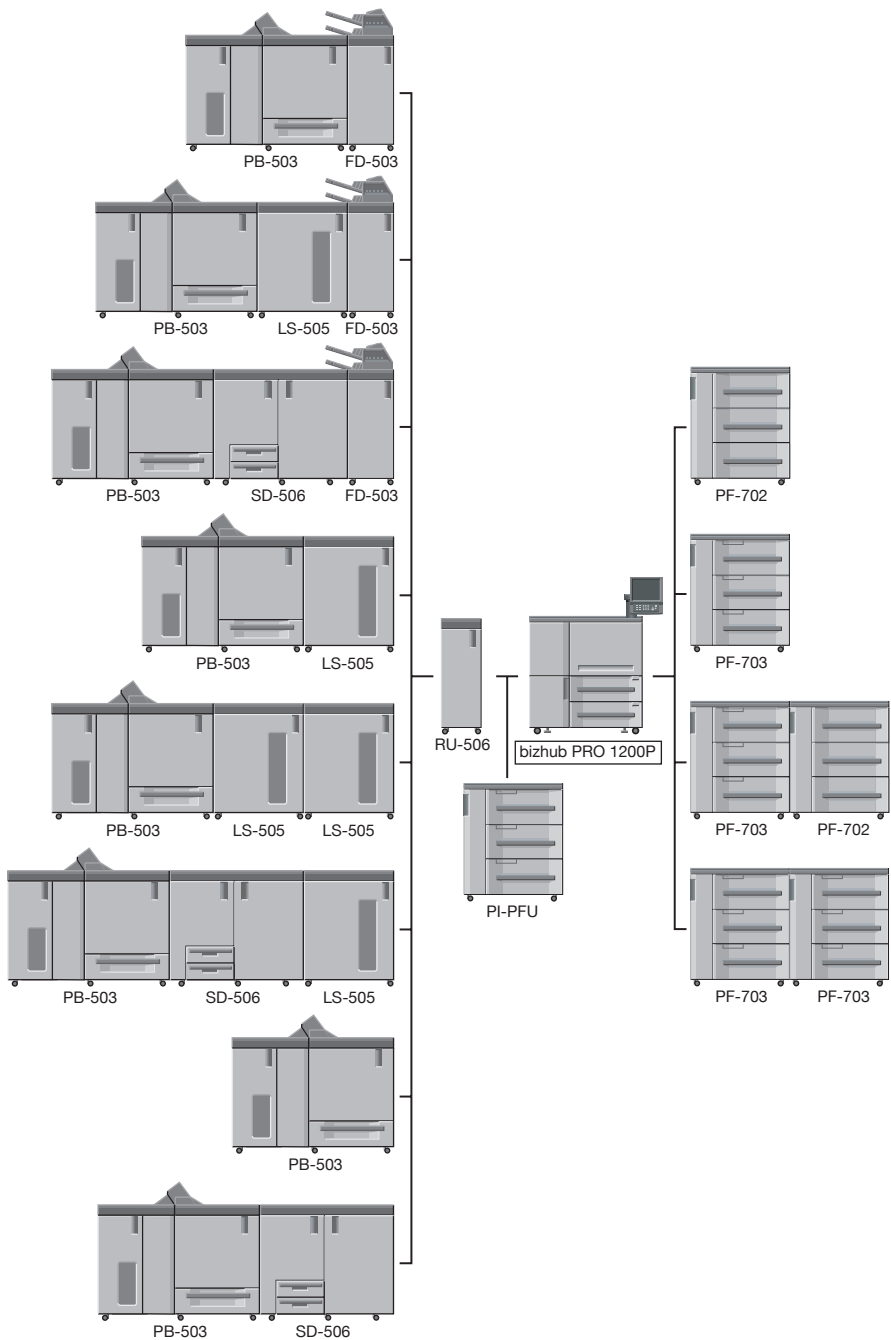


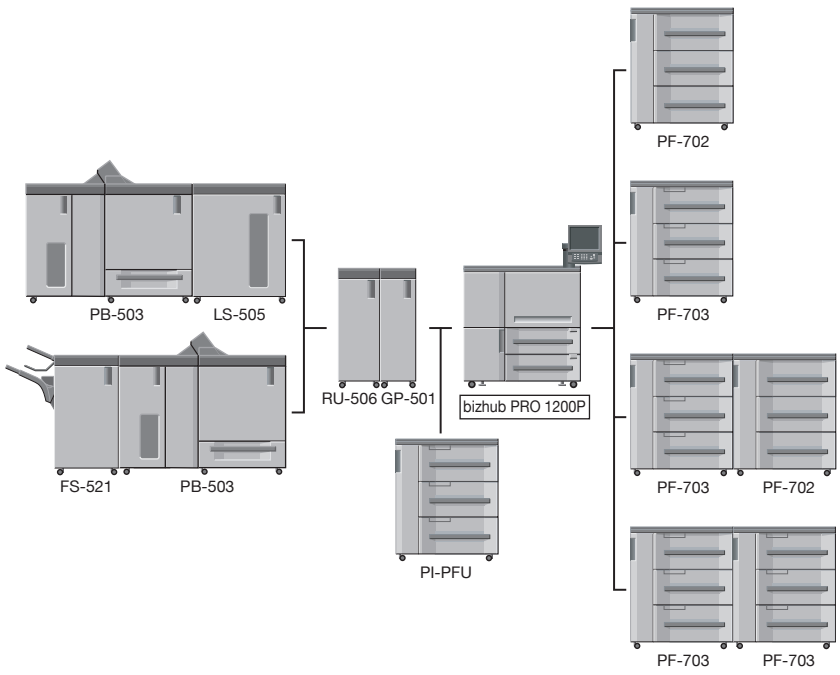




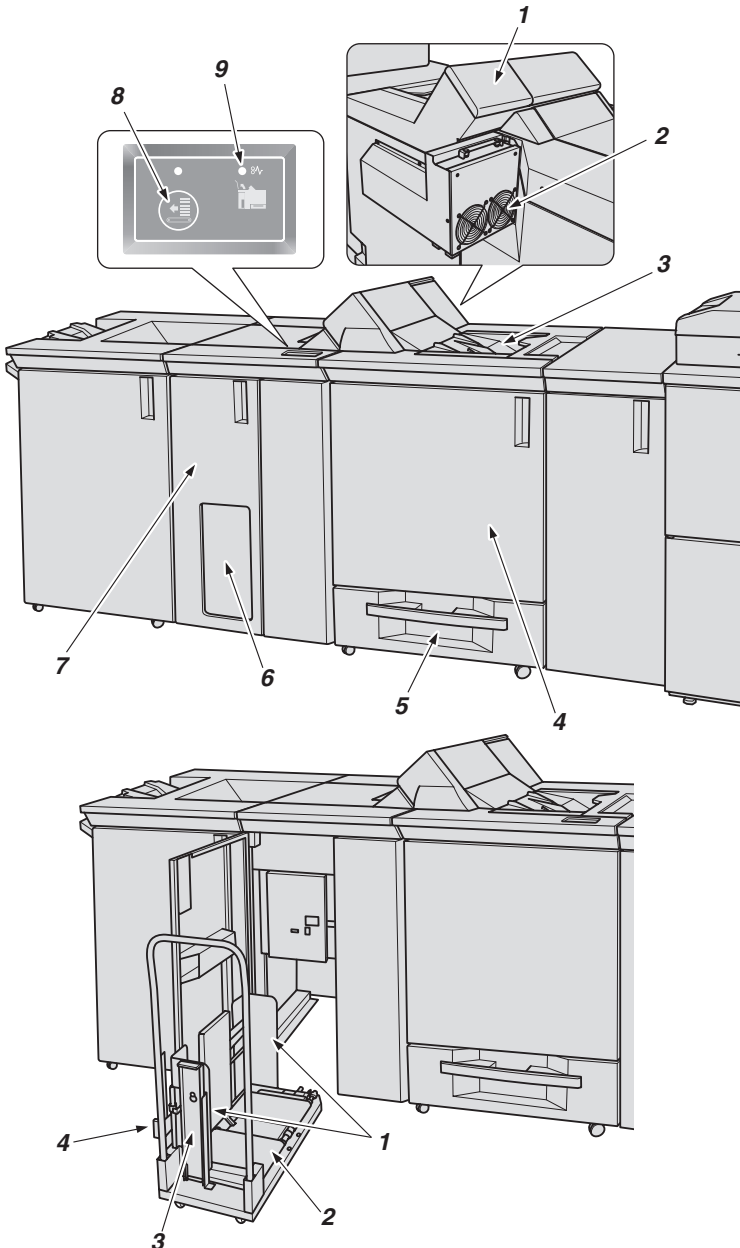








2.2 Perfect Binder PB-503

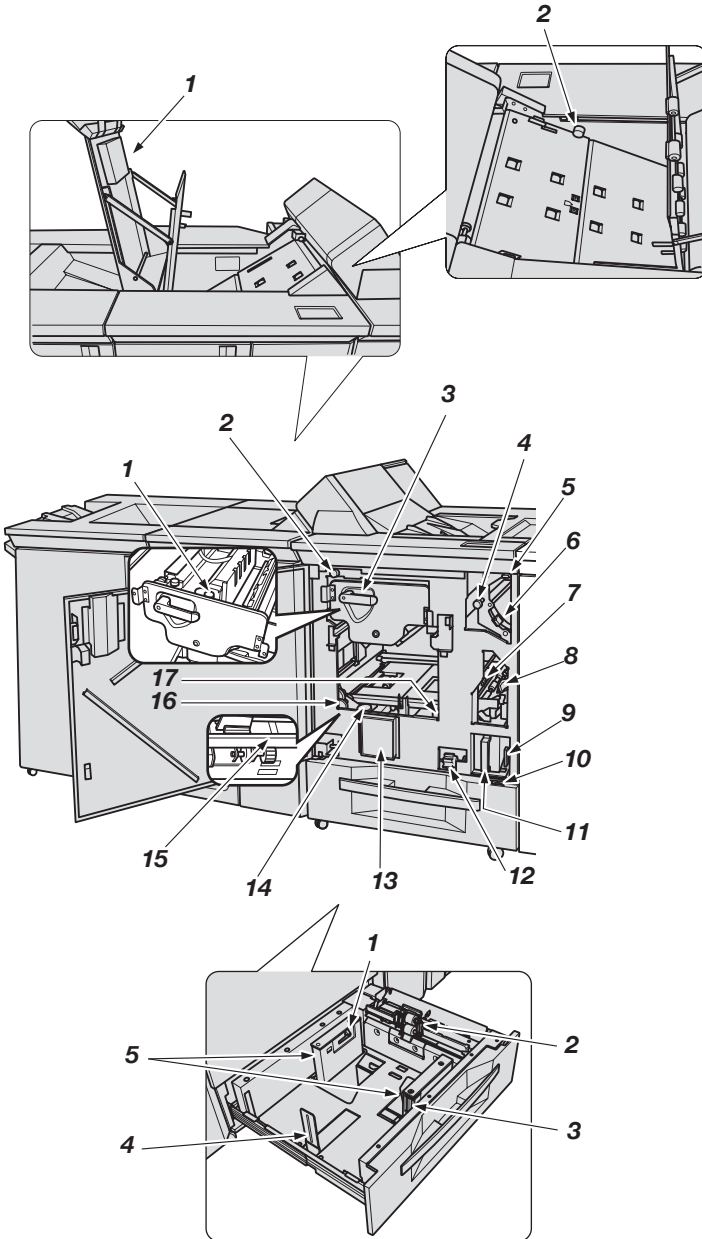


External view

No.	Name	Description
1	Paste hopper cover	Opens for supply of paste pellets.
2	Exhaust fan	Exhausts air from the perfect binder.
3	Secondary (sub) tray	Holds sets output without being processed by the perfect binder.
4	Front door of Perfect Binder PB-503	Opens to allow removal of mishandled paper and waste trimmings.
5	Cover tray	Holds cover paper.
6	Perfect binder tray window	Allows you to check the sets output to the perfect binder tray. When the output sets are piled on the right side of the perfect binder tray, press the feeding button to feed them to the carriage.
7	Perfect binder tray front door	Opens to take out the bound sets from the tray.
8	Feeding button	Pressed to feed bound sets to the carriage.
9	Paper jam indicator	Lights when a paper jam occurs in conveying output sheets to the finishing section.

Internal view of perfect binder tray front door

No.	Name	Description
1	Book holding plate	Aligned to the output books to prevent them from collapsing during the portage.
2	Carriage	Carries perfect-bound books out from the perfect binder.
3	Book stopper	Inserted to the desired stopper positioning hole to prevent the output books from collapsing during the portage.
4	Book holding plate lever	Moved when aligning the book holding plate to output books.



Conveyance section

No.	Name	Description
1	Conveyance section cover	Opens to allow removal of mishandled paper when paper jam indicator lights.
2	Knob PB14	Turned counterclockwise to feed the mishandled paper.

Internal view of perfect binder front door

No.	Name	Description
1	Body set releasing knob in clamp unit	Turned clockwise to take out the body set fixed in the clamp unit.
2	Knob PB6	Turned clockwise to feed the body set for removal of mishandled paper.
3	Lever PB7	Turned clockwise to withdraw the clamp unit for removal of body set mishandled in the clamp unit.
4	Knob PB2	Turned counterclockwise to feed the mishandled paper into the secondary (sub) tray.
5	Lever PB3	Opens downward for removal of mishandled body set.
6	Lever PB1	Opens upward for removal of mishandled body set.
7	Lever PB12	Opens upward for removal of mishandled cover sheet.
8	Lever PB4	Opens leftward to allow removal of mishandled cover sheet.
9	Lever PB5	Opens leftward with the trim scrap box drawn out for removal of mishandled cover sheet.
10	Knob PB13	Turned clockwise for removal of mishandled cover sheet.
11	Trim scrap box	Withdrawn for removal of waste paper.
12	Knob PB11	Turned downward to let the binding unit down for removal of mishandled paper.
13	Jam position display	Indicates the position of mishandled paper by LED lamps.
14	Knob PB8	Turned clockwise for removal of cover sheet from the binding unit.
15	Binding unit releasing knob	Turned downward for removal of cover sheet from the binding unit in the top position.
16	Knob PB9	Turned counterclockwise to release the cover fixing plate for removal of mishandled paper.
17	Knob PB10	Turned clockwise to release the cover fixing plate for removal of mishandled paper.

Internal view of cover tray

No.	Name	Description
1	Air nozzle	Blows air to avoid feeding multiple sheets at a time.
2	Feed roller	Feeds cover paper sheet by sheet to the perfect binder.
3	Lock release lever	Pushed backward to release the lock when moving side guides.
4	Rear guide	Aligned to the rear edge of loaded cover paper.
5	Side guides	Aligned to the edges of loaded cover paper.

3 Paper Information

The Perfect Binder PB-503 is equipped with a cover tray to load cover sheets, a secondary (sub) tray to hold sheets output without being perfect-bound, a perfect binder tray to hold perfect-bound sets, and also a conveyance section to deliver sheets straight to the Staple Finisher FS-521.

3.1 Paper Weight

Paper trays	Available weight
Cover tray	23 to 57 lb Bond
Secondary (sub) tray	11 to 93 lb Bond
Perfect binder tray	Body: 18 to 24 lb Bond Cover: 23 to 57 lb Bond
Conveyance section	11 to 93 lb Bond

3.2 Tray Capacity

Paper trays	Capacity
Cover tray	1,000 sheets (23 lb Bond) 500 sheets (57 lb Bond)
Secondary (sub) tray	200 sheets (21 lb Bond) (with full-load detection function activated)
Perfect binder tray	1 set of maximum thickness (approx. 1.18"/30 mm) × 11 × 2 columns* (approx. 6,600 sheets, 21 lb Bond) *: Automatically shifts to the second column when the first column is detected as full load.
Conveyance section	Unlimited

3.3 Paper Size

Paper trays	Available size
Cover tray	Length (head to foot): Same as body Width: Book width × 2 + body thickness + 3 mm or more of trimming width Accommodable size: 12.09" × 18.58" (307 mm × 472 mm) max.
Secondary (sub) tray	12" × 18" □, 11" × 17" □, 8.5" × 14" □, 8.5" × 11" □/□, 5.5" × 8.5" □, 9" × 11" □, A3 □, B4 □, A4 □/□, B5 □/□, A5 □, SRA3 □, SRA4 □/□, Wide paper, Custom, Tab paper Max. 13.03" × 18.23" (324 mm × 463 mm) to min. 3.740" × 5.472" (95 mm × 139 mm)
Perfect binder tray	Body: 8.5" × 11" □, 5.5" × 8.5" □, A4□, B5□, A5□, 12.09" × 8.701" (307 mm × 221 mm) max. Cover: 12.09" × 18.58" (307 mm × 472 mm) max. For details of available sizes in Perfect Binding mode, see page 44.



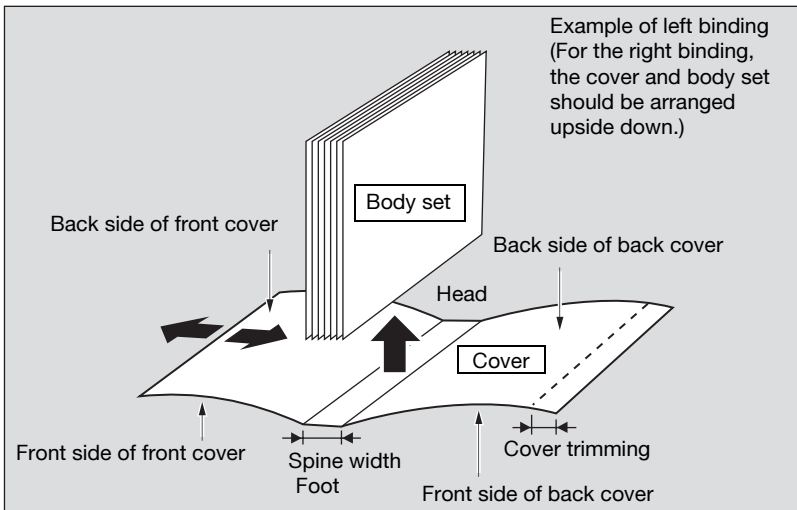
Detail

B4 and B5 are JIS standard sizes. If ISO standard sizes are desired, please contact your service representative.

4 Using Perfect Binder PB-503

The machine with the optional Perfect Binder PB-503 installed automatically attaches a copied set with a cover sheet to make a perfect-bound book, applying a dab of glue in the centerline of the cover sheet to fix the spine.

In the Perfect Binding mode, both simplex and duplex copy modes are available for the body set, and also the cover sheet can be blank, simplex-printed or duplex-printed, and even trimmed to match with the thickness of the body set to cover. The binding direction can be either left or right.



4.1 Turning On/Off the Heater of the Perfect Binder

The perfect binder has an inner heater to add heat to paste pellets for making perfect-bound books. It requires approximately 20 minutes of warmup time to melt the pellets to be ready for the operation. Adding heat continuously to paste pellets, however, may deteriorate them if the perfect binder is kept unoperated.

To prevent the deterioration of paste pellets, the heater of the perfect binder is designed to be turned off automatically in the following condition.

- One minute after a perfect binding job is completed
- One minute after completion of the warmup if any operation has not been made on the perfect binder

To turn on the heater of the perfect binder

Turning on the sub power switch of the main body does not turn on the heater of the perfect binder at the same time to start warming up automatically.



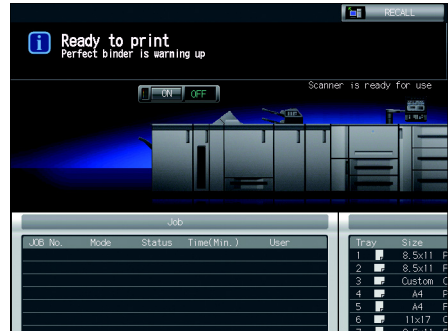
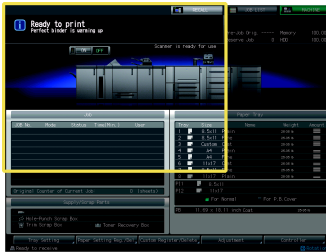
Detail

The heater of the perfect binder can be set to start warming up automatically with the sub power switch of the main body turned on. Please contact your service representative, if desired.

bizhub PRO 1200/1051

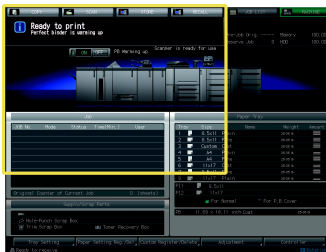


bizhub PRO 1200P



Touch the PB switch [ON] provided on the Machine Status Screen to start the heater of the perfect binder warming up.
The message “PB Warming up” will be displayed.

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bizhub PRO 1200P





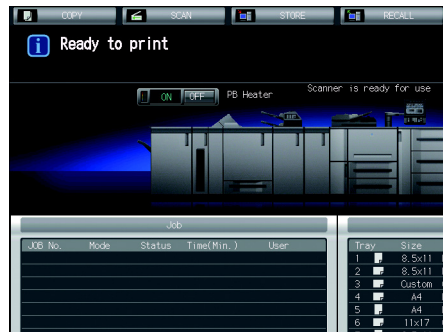
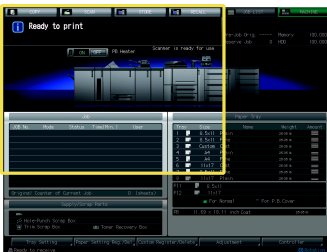
Note

The heater of the perfect binder automatically starts warming up when [Perfect Bind] is touched on the Output Setting Screen, or when a print job using perfect binder is received.

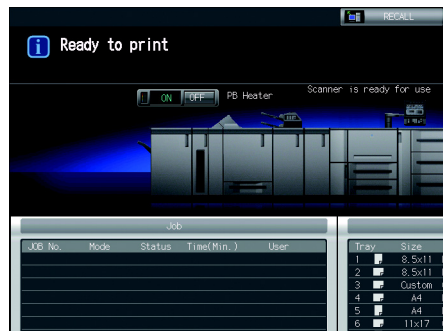
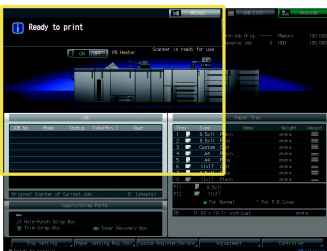
If you previously know the time to use the perfect binder, calculate the timing to turn on the heater with required warmup time, then manually turn it on by touching the PB switch [ON] on the Machine Status Screen.

When warming up of the heater is completed and the perfect binder becomes ready for operation, the message “PB Warming up” beside the PB switch will disappear.

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bizhub PRO 1200P





Note

Once started, the warmup of the heater will not be interrupted even when the Auto Low Power/ Auto Shut Off functions on the main body.



Reminder

Once [Perfect Bind] touched on the Output Setting Screen, the heater of the perfect binder will continue warming up even though the setting is released with [Function Off] touched on the Perfect Binding Screen or with [Reset] pressed on the control panel. If not using the perfect binder, be sure to turn off the heater by touching the PB switch [OFF] on the Machine Status Screen.

To turn off the heater of the perfect binder

When the job using perfect binder is completed, the heater of the perfect binder will automatically be turned off in one minute. The heater will also be turned off automatically in one minute if any operation has not been made on the perfect binder after completion of the warmup.

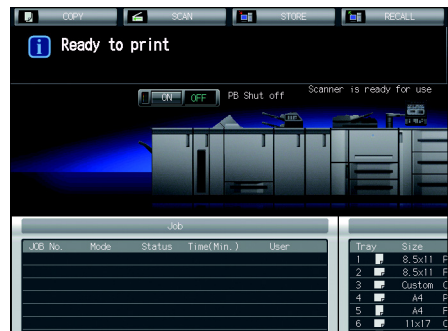
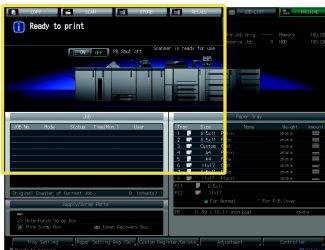
The heater can be turned off manually by touching the PB switch [OFF] on the Machine Status Screen while warming up or ready for operation,



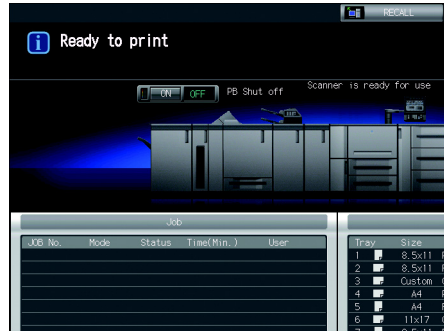
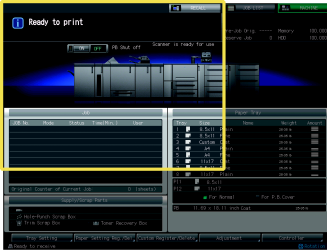
Detail

Service can set the heater not to be turned off automatically after one-minute interval. Please contact your service representative, if desired. In this case, the heater will not be turned off till the Auto Low Power/ Auto Shut Off functions on the main body. Please be careful not to allow the paste pellets to deteriorate.

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bizhub PRO 1200P

**Note**

Touching the PB switch [OFF] will not function if any perfect binding jobs are entered.

4.2 Loading Cover Paper for Perfect Binding

The cover paper to be used for perfect binding can be loaded in the following trays.

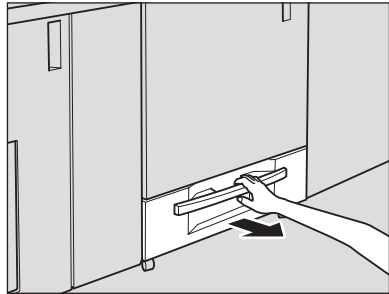
- Cover tray of Perfect Binder PB-503
- Main body trays (trays 1 and 2)
- Paper Feeding Unit PF-702 (trays 3 to 8)
- Paper Feeding Unit with Suction Feeding System PF-703 (trays 3 to 8)
- Paper Feeding Unit with Suction Feeding System PI-PFU
- Post inserter of Folding Unit FD-503

This section describes how to load cover paper into the cover tray of Perfect Binder PB-503, and also the face/orientation of cover paper loaded in each tray.

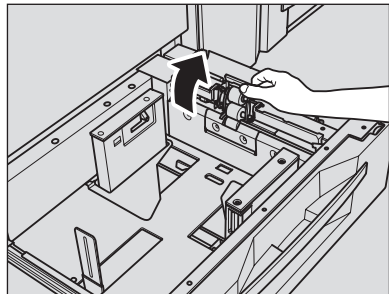
Tray setting for cover tray can be made from the Machine Status Screen using the [Tray Setting] key, or from the Copy Screen using the [Output Setting] key. [Paper presetting] accessed from the Copy Screen cannot change the tray setting of cover tray.

To load cover paper in cover tray of the perfect binder

- 1 Withdraw the cover tray.

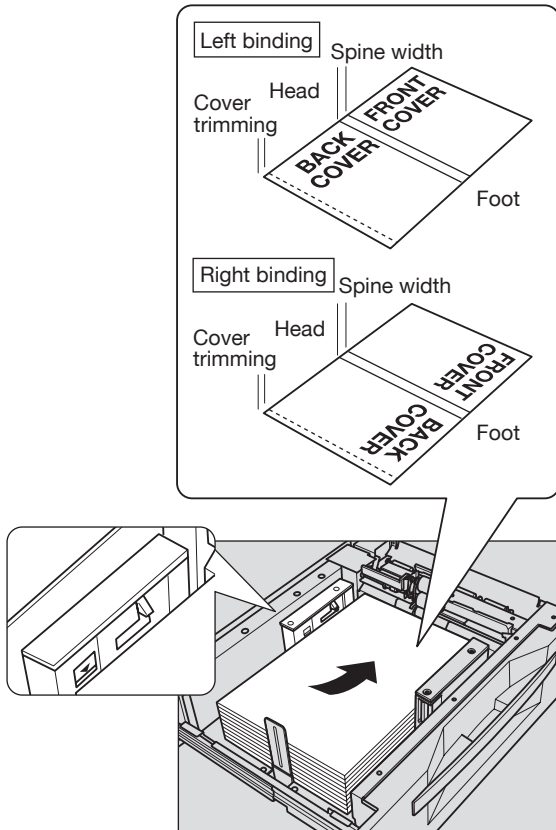


- 2 Open the feed roller.



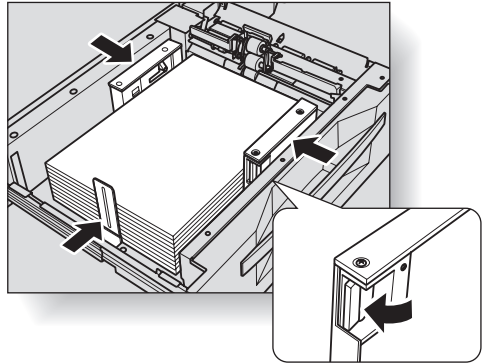
3 Load cover paper face up in the tray.

- Place cover paper face up, with the top to be rear in the tray. When making the book bound on the right side, the front side in the tray will be the top.



- Align it to the feed roller side.
- Do not load above the limit level, and carefully load the paper to be seated under the paper control plate at the air nozzle.

- 4 Align the side guides and rear guide to cover paper.
 - Press the lock release lever of the front side guide to move the side guides, and also move the rear guide to the edge of cover paper.



- 5 When paper is seated properly, close the feed roller.
- 6 Push in the cover tray until it locks into place.
















**Reminder**

Be sure that the side guides and rear guide are securely aligned to the paper; otherwise a paper jam may be caused.

Do not bump the tray into the perfect binder; otherwise machine trouble may be caused.

4.3 Overview of Perfect Binding

Specifications

- Auto Low Power/ Auto Shut Off
The low power/ shut off mode activates at the same time on the main body and perfect binder.
- Paper tray
Body: Trays 1 to 8
Cover: Trays 1 to 8 (available for Cover Print), cover feeding tray of perfect binder (unavailable for Cover Print), PI-PFU trays (unavailable for Cover Print), upper/lower tray of the post inserter on folding unit (unavailable for Cover Print)
- Paper size
Body: Standard sizes 8.5" × 11" , 5.5" × 8.5" , A4 , B5 , A5  (also 11" × 17" , 8.5" × 11" , A3 , B4 , and A4  are available using Z-Fold mode)
Wide sizes 8.5" × 11"W , 5.5" × 8.5"W , A4W , B5W , A5W 
Custom size 5.47" × 8.27" min. to 12.09" × 8.70" max.
Cover: Custom size*¹
Length (head to foot): Same as that of body set (within 5 mm)
Width: Book width × 2 + body set's thickness (1 mm or more) + (3 mm or more of trimming width if Trimming mode is specified)
The maximum size accommodable in each tray:
Trays 1 to 2²: 7.17" × 5.47" min. to 12.76" × 18.23" max.
Trays 3 to 8²: 3.74" × 5.24" min. to 12.76" × 18.23" max.
Cover feeding tray of perfect binder: 5.47" × 10.98" min. to 12.09" × 18.58" max.
Upper/Lower tray of the post inserter on folding unit: 7.17" × 11.06" min. to 12.09" × 19.02" max.
- Paper weight
Body: 18 to 24 lb Bond (Available weight can be specified*³ from 17 to 19 lb Bond and 20 to 24 lb Bond.)
Cover: 23 to 57 lb Bond (Available weight can be specified*³ from 20 to 24 lb, 25 to 35 lb Bond, 36 to 43 lb Bond, and 44 to 57 lb Bond.)
- Paper type
Body: Fine, Plain
Cover: Fine, Plain, Coat
- Number of sheets to be bound: 10 sheets min. to 300 sheets max., or within 30 mm thick*⁴
Fine, Plain: 10 sheets min. to 150 sheets max., or within 15 mm thick*²
Z-folded insertions: 4 sheets max. for Fine/Plain, or 2 sheets max. for simplex-printed

- Maximum number of Z-folded insertions and body sheets:

Z-folded insertions	Body sheets	Total at maximum
1 sheet	200 sheets	201 sheets
2 sheets	150 sheets	152 sheets
3 sheets	100 sheets	103 sheets
4 sheets	50 sheets	54 sheets


- Covers fed from trays 1 to 8 can be simplex- or duplex-printed, while those loaded in the cover feeding tray of perfect binder or the upper/lower tray of post inserter on folding unit cannot be printed.
- When specified, Cover Trimming function trims the cover by the amount automatically estimated from the following formula, in the range from 3 mm to 40 mm in 0.1 mm increments.

$(\text{Cover width}) - (\text{Body width} \times 2) - (\text{Spine width})$

If the estimated amount exceeds 10 mm, perfect binder will automatically trim the cover whether this function is activated or not.

- Fine Adjustment
 Cover Lead Edge Adjustment: Adjusts the position of front cover and body set in widthwise direction in the range from -20 mm to +5.0 mm in 0.1 mm increments.
 Cover Trimming Adjustment: Adjusts the trimming width in the range from -5.0 mm to +5.0 mm in 0.1 mm increments.
 Cover Image Shift Adjustment: Adjusts the position of image to be printed on the front cover when using Cover Print mode.

*1: Specify the custom cover size from the Perfect Binding Screen. See page 50 for details.

*2: For 8.5" × 11"  body set to be bound with a cover sheet fed from trays 1 to 8, the maximum thickness will be less than 30 mm.

Cover Trimming Off: $460 - (216 \times 2) = 28 \text{ mm}$

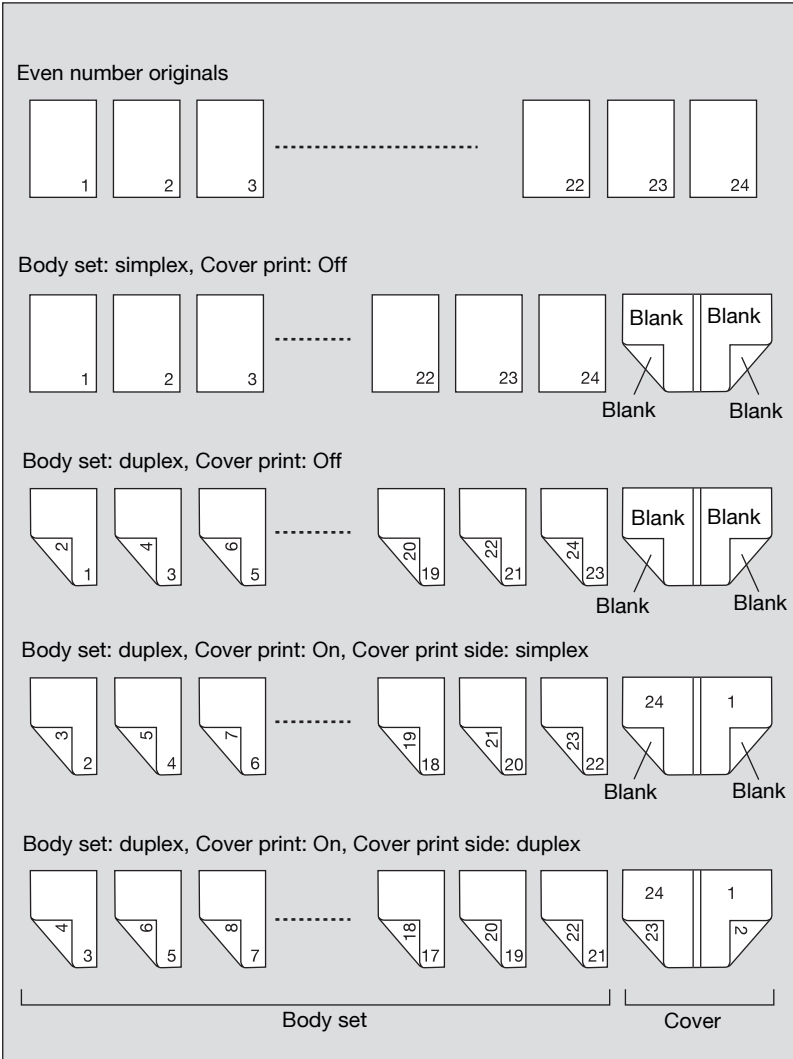
Cover Trimming On: $460 - (216 \times 2) - (\text{Trimming width } 3 \text{ mm}) = 25 \text{ mm}$

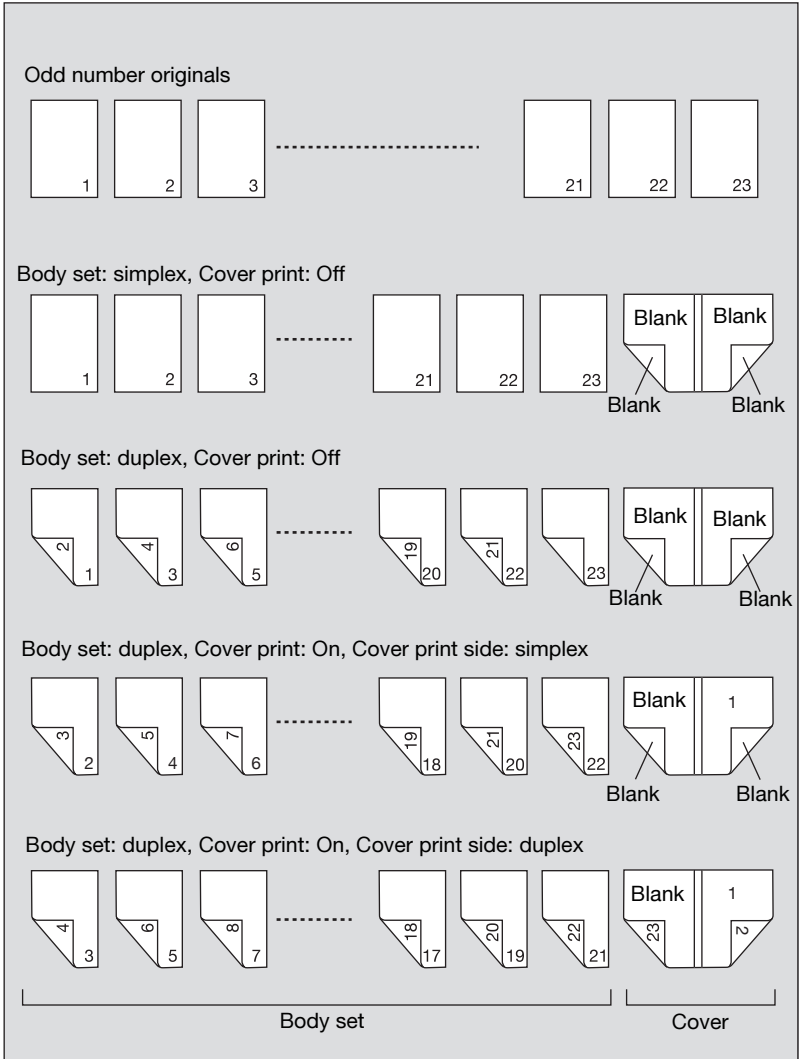
If thickness of 8.5" × 11" body set is more than that mentioned above, use the cover feeding tray of perfect binder or the post inserter tray of folding unit to attach a cover.

*3: You can specify the paper weight available for body sets and covers in Perfect Binding mode. For details, see POD Administrator's reference.

*4: The minimum/maximum number of sheets to be bound in Perfect Binding can be changed according to the paper weight of body set. For details, see POD Administrator's reference.

Also, the machine can be set to detect the thickness of body set and to stop the binding operation temporarily if the width of the cover to be used is unsuitable for the body set. For details, see POD Administrator's reference.

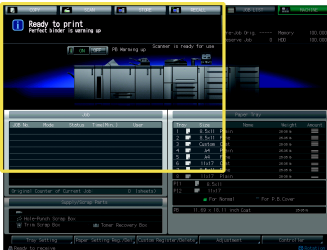




4.4 Making Perfect-Bound Booklets (bizhub PRO 1200/1051)

Procedure

- 1 Position the original.
 - For the original available in perfect binding, see illustrations on page 46 to page 47.
- 2 Load paper for body sets and covers in each tray to be used.
 - Load paper for body sets in one of the trays 1 to 8. When printing on covers, also load cover sheets in one of the trays 1 to 8.
 - If cover print is not required, load cover sheets in the cover feeding tray of perfect binder, PI-PFU trays, or upper/lower tray of post inserter on folding unit.
 - Custom paper size is to be used as cover. Be sure to check the precise dimensions in order to specify them during this procedure. If Cover Trimming is desired, be sure to use the size that secures 3 mm to 40 mm of trimming width.



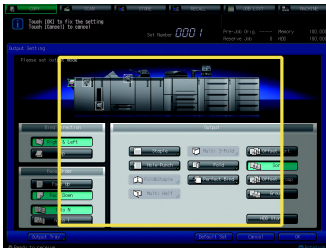
- While the perfect binder is warming up, the Machine Status Screen will prompt you the current warmup status of the machine.

- 3 Touch [COPY] tab to display the Copy Screen, select the tray loaded with paper for body sets, and change the paper setting as required.



- The paper size will be detected automatically. If paper weight specified for the tray loaded with paper for body sets is inadequate, the binding operation cannot be performed. Select either [17-19 lb Bond] or [20-24 lb Bond].
- The binding operation may not be performed even if the paper weight mentioned above is specified. For details, see POD Administrator's reference. The number of body set may be limited depending on the selected paper weight. For details, see POD Administrator's reference.

- 4 Touch [Output Setting], then touch [Perfect Bind].



The Perfect Binding Screen will be displayed, and the heater of the perfect binder automatically starts warming up. The warmup takes approximately 20 minutes.

If you previously know the time to use the perfect binder, calculate the timing to turn on the heater with required warmup time, then manually turn it on by touching [ON] of PB switch on the Machine Status Screen.

- ? Do you want to stop using the perfect binder?
 → The perfect binder will not stop warming up even if [Function Off] is touched on the Perfect Binding Screen or [Reset] is pressed on the control panel. Return to the Machine Status Screen, then touch [PB heater] to turn off the heater so as to prevent degradation of paste pellets.

5 Select the tray loaded with covers, then specify the paper setting.

- Touch [Change Set] on the right side of the Cover Tray area to display the Cover Tray Screen.

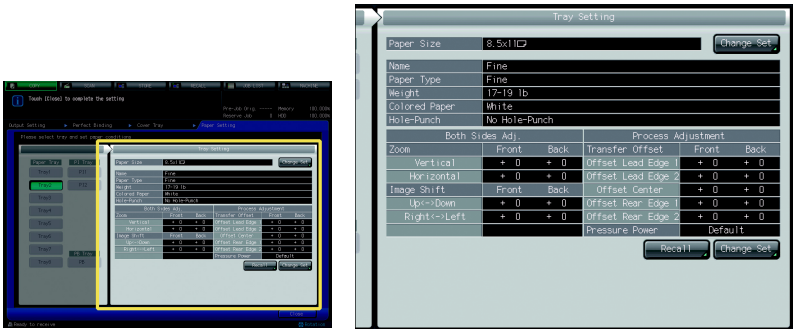


- Touch the tray loaded with covers in step 2 to highlight it, then touch [Change Paper Setting].



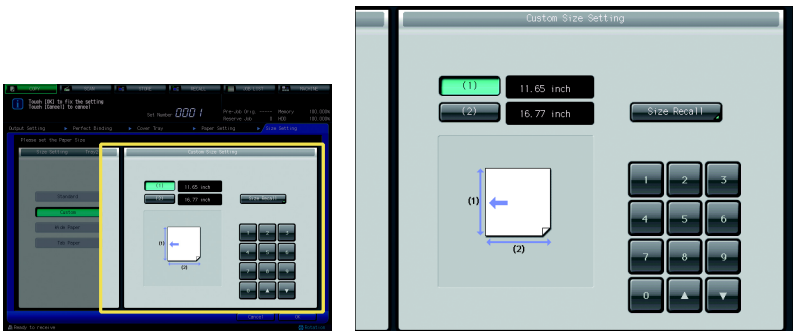
If any tray other than trays 1 to 8 is selected, the Cover Print setting in step 7 will be limited to Cover Print Off.

- Touch [Change Set] on the right side of Paper Size to display the Custom Size Setting Screen.



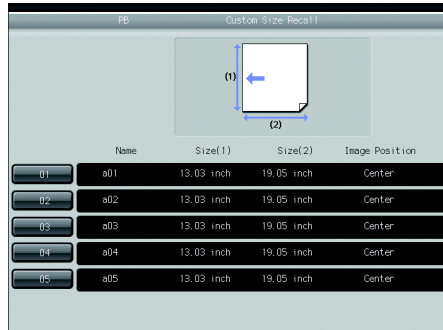
- Enter the dimensions of the covers loaded in step 2 using [▲], [▼], or screen keypad. Touch OK to proceed to step 6.
Be sure to enter the cover paper dimensions precisely; otherwise a message may be displayed to prompt you that the specified size is inadequate, or the trimming function may not be performed properly. Paper misfeed may also be caused.

If the desired cover size is previously registered, touch [Size Recall].



The Size Recall Screen will be displayed.

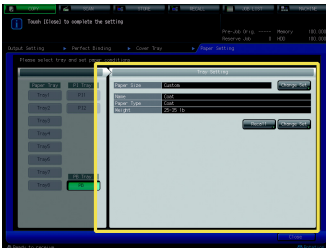
- Use [▲] and [▼] to scroll to the desired size, then touch the number key to highlight it. Touch [OK] twice.



Custom sizes can be registered using [Custom Register/Delete] from the Machine Status Screen. For details, see POD Administrator's Reference.

6 Change the tray setting of the tray loaded with covers.

- Touch [Recall] on the Tray Setting Screen to display the Recall Screen.



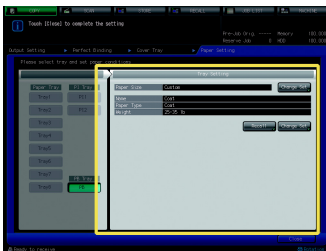
- Use [▲] and [▼] to scroll to the desired paper type, then touch the number key to highlight it. Touch [OK].



Tray2		Recall1				
No.	Name	Weight	Colored	Hole-Punch	Both S	
001	Coat	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
002	PrePr inted	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
003	Fine	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
004	Plain	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
005	Book/News	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
006	Embossed	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
007	Blank Insert	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
008	demo	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
009	demo2	25-35 lb	/ White	/ No Hole-Punch	/ Defau	
010	demo3	25-35 lb	/ White	/ No Hole-Punch	/ Defau	

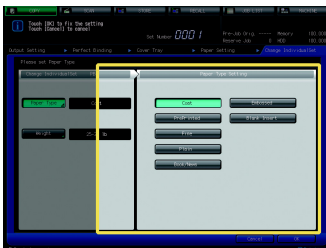
Paper setting can be registered using [Tray Setting] from the Machine Status Screen. For details, see POD Administrator's Reference.

- To change the recalled setting, touch [Change Set].



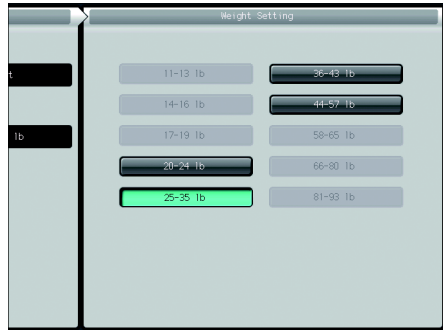
Tray Setting	
Paper Size	Custom Change Set
Name	Coat
Paper Type	Coat
Weight	25-35 lb
Recall1 Change Set	

- Touch Paper Type to select the desired paper type.



Paper Type Setting	
Coat	Embossed
PrePr inted	Blank Insert
Fine	
Plain	
Book/News	

- Touch [Weight] to select the desired paper weight.
If unsuitable selection is made, the binding operation will not be performed. Select the desired one from [20-24 lb], [25-35 lb], [36-43 lb], and [44-57 lb].

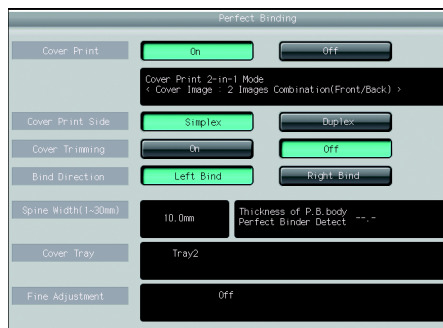
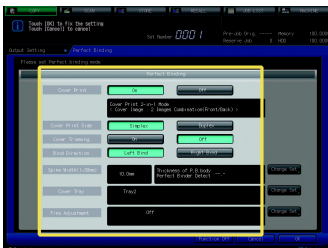


The binding operation may not be performed even if one of the paper weight mentioned above is specified. For details, see POD Administrator's reference.

- Touch [OK].
- Check the current tray setting of the cover tray.
If setting change other than paper size, type, and weight, use [Tray Setting] from the Machine Status Screen.
- Touch [Close], then touch [OK] to return to the Perfect Binding Screen.

7 Specify the cover print setting.

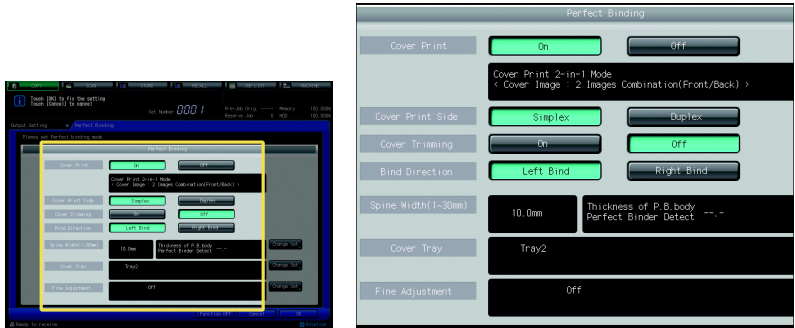
- This setting is available when one of the tray 1 to 8 is specified as the cover tray source.
- Select [On] to print on covers, or [Off] to attach blank covers.
- Also select [Simplex] to print only on the front side, or [Duplex] to have both front and back sides printed.



For details of finished result with each setting specified, see page 46 to page 47. The original image to be printed on cover varies depending on whether the original count is odd or even.

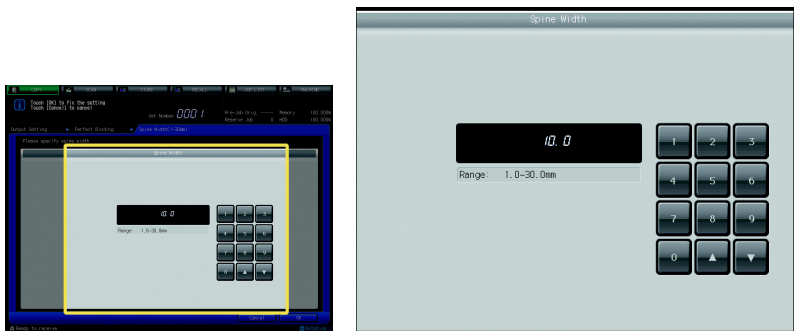
8 Specify the bind direction.

- Touch [Left Bind] or [Right Bind] to select the bind direction.



9 Specify the spine width.

- Touch [Change Set] on the right side of Spine Width (1-30 mm) to display the Spine Width Screen.

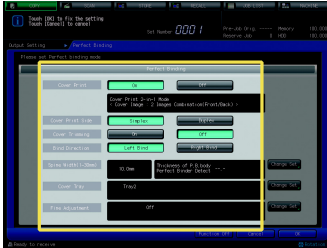


Use the screen keypad, [▲] and [▼], or the control panel keypad to enter the desired value, then touch [OK].

- This setting is effective with the Cover Print set to [On].

10 Specify the cover trimming setting.

- Touch [On] to trim the cover, or [Off] to deactivate this function.

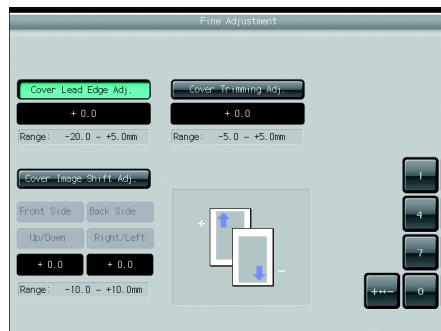


If the trimming width estimated by the machine does not fall within the range from 3 to 40 mm, a message will be displayed to inform you that the trimming mode is unavailable. In this case, adjust the cover or spine width to enable this setting.

If the estimated amount exceeds 10 mm, perfect binder will automatically trim the cover whether this function is activated or not.

11 Make fine adjustments on the lead edge, trimming width, and image position of the cover.

- Touch [Change Set] on the right side of Fine Adjustment to display the Fine Adjustment Screen.



- To adjust the lead edge of the cover, touch [Cover Lead Edge Adj.]. Use the screen keypad, [▲] and [▼], or the control panel keypad to enter the desired value, then touch [+<->-] to select positive or negative of the adjustment value.

- To adjust the trimming width, touch [Cover Trimming Adj.].
Use the screen keypad, [▲] and [▼], or the control panel keypad to enter the desired value, then touch [+<->-] to select positive or negative of the adjustment value.
- To adjust the image position of the cover, touch [Cover Image Shift Adj.].
Touch [Front] or [Back] to select the printed side, then [Up/Down] or [Right/Left] to select the direction to be adjusted.
Use the screen keypad, [▲] and [▼], or the control panel keypad to enter the desired value, then touch [+<->-] to select positive or negative of the adjustment value.
- Touch [OK] to complete the setting.

12 Touch [OK] twice to return to the Copy Screen.

The Perfect Bind icon will be displayed in the Output Setting area of the Copy Screen.

13 Select additional copy conditions, as desired.

- When making double-sided copies, select [1-2] or [2-2].
- If the original count exceeds 100, use Separate Scan mode.

14 Enter the desired print quantity from the control panel keypad.

- Proof copy is recommended before making multiple sets.
- After proof copying, the thickness of body set will be displayed on the Perfect Binding Screen. Use this information if making any adjustment.



15 Press [Start] on the control panel.

- Copying does not start while the perfect binder is warming up. When warmup is completed, the machine operation starts automatically.



Reminder

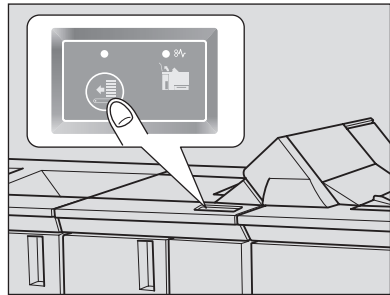
Never open the front door of the perfect binder while the machine operation is in process; otherwise the machine immediately stops the operation and paper jam may be caused.

4.5 Taking Out Perfect-Bound Books from the Perfect Binder Tray

Procedure

- 1 Check the output sheets through the perfect binder tray window.
 - If piled books show only on the right side of the tray, proceed to step 2.
 - If two columns of books show on the tray, proceed to step 3.

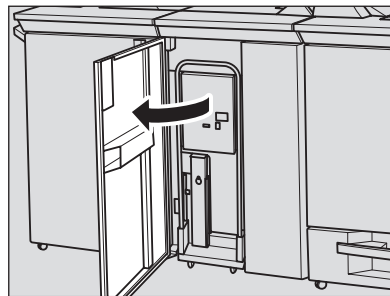
- 2 Press the feeding button to move the books to the carriage on the right side.



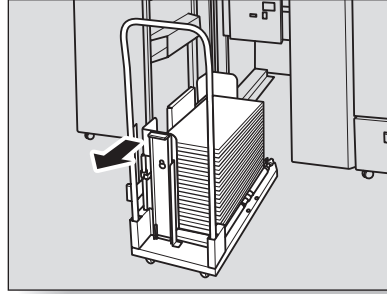
- Delivery to the perfect binder tray is available even if the carriage is not installed inside the perfect binder tray. In this case, tray capacity will be a half of that with the carriage installed. (1 set 30 mm thick × 11 × 1 column = approx. 3,300 sheets)
- The feeding button will not function while the perfect-bound books are delivered to the perfect binder tray.
- The feeding button will not function without the carriage installed.

- 3 Open the perfect binder tray front door.

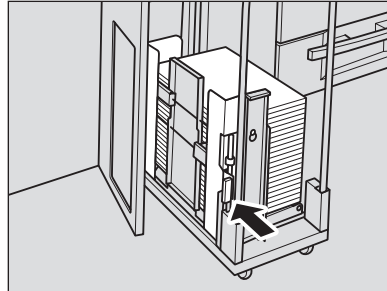
- The perfect binder tray front door will not open while delivering the perfect-bound books to the perfect binder tray, or moving them by pressing the feeding button.



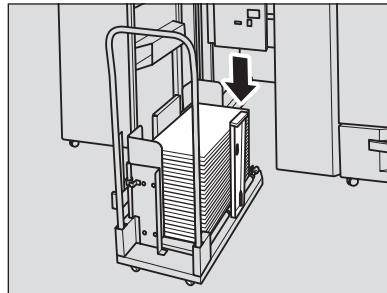
- 4 Slowly withdraw the carriage.
- Be sure to withdraw the carriage slowly, otherwise the piled books may collapse.



- 5 When moving the carriage with piled books on it, fix the books using the book holding plate and book stopper in order to prevent them from collapsing.
- Move the book holding plate lever to align the plate to the books.



- Insert the book stopper to the desired positioning hole on the carriage to align it to the books.



- 6 Take out the books from the carriage.
- Before taking out the books, be sure to remove the book holding plate and book stopper when used.

- 7 Return the carriage to its original position, then close the perfect binder tray front door.
- 8 If another column of books is left on the right side, repeat steps 2 to 7.

5 Maintenance & Troubleshooting

5.1 Adding Paste Pellets

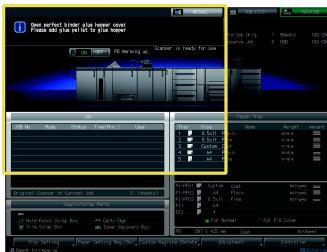
If the perfect binder is out of paste pellets, the machine warmup cannot be completed with the following message displayed on the Machine Status Screen, and consequently the binding operation is unavailable.

When the paste pellets run out during the binding operation, the machine stops the job immediately and the binding operation also becomes unavailable.

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bizhub PRO 1200P



**Reminder**

Be sure to use the paste GC-501 exclusively provided for Perfect Binder PB-501.

Handle melted hot paste with great care. To ensure safety and product reliability, observe the precautions for using paste pellets. Read page 2 as well.

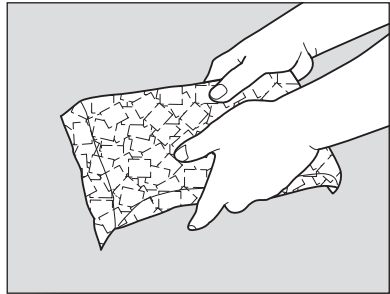
Do not overload the paste hopper with paste pellets.

Do not touch the slide plate in the paste hopper with your hand to avoid breakdown.

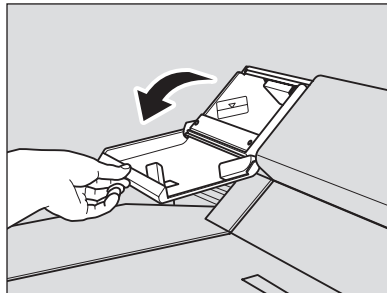
Be sure to loosen the paste pellets inside the bag before adding them.

To add paste pellet

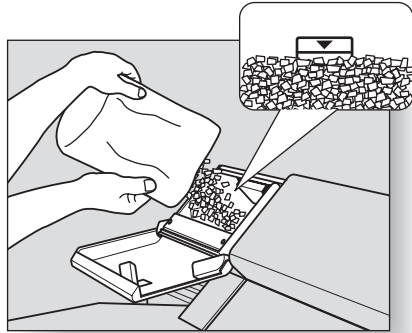
- 1 Loosen the paste pellets inside the bag.



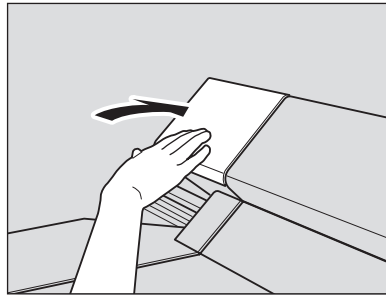
- 2 Open the paste hopper cover.



- 3 Supply the paste hopper with paste pellet.



- 4 Close the paste hopper cover.



Reminder

Do not add the paste pellet above the limit level indicated inside the paste hopper.

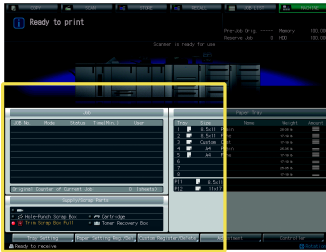
Be sure to close the paste hopper cover firmly, otherwise an error message will be displayed.

5.2 Emptying Trim Scrap Box

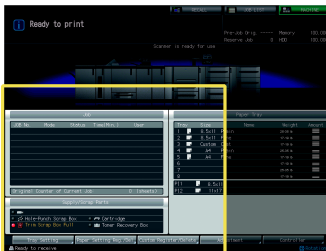
When the trim scrap box of the Perfect Binder PB-503 becomes full, the Trim Scrap Box indicator lights in red in the Supply/Scrap Parts area of the Machine Status Screen.

If printing job is in progress, a message will be displayed on the Copy Screen.

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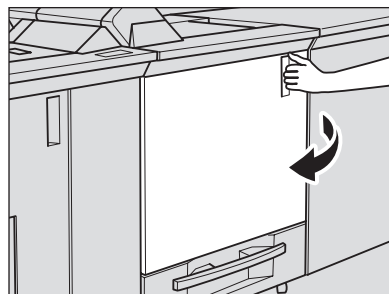
bizhub PRO 1200P



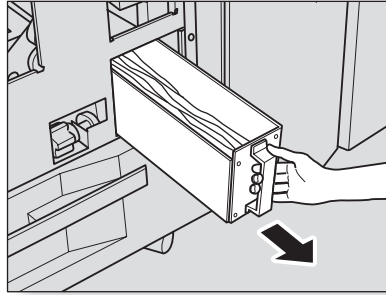
Follow the procedure below to empty the trim scrap box.

To empty the trim scrap box of perfect binder

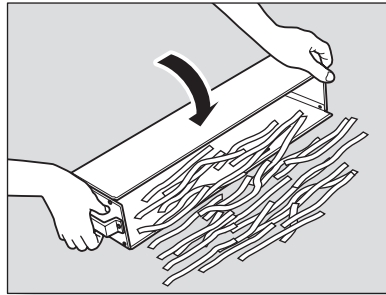
- 1 Open the front door of the perfect binder.



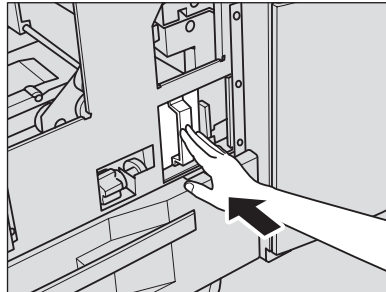
- 2 Withdraw the trim scrap box.



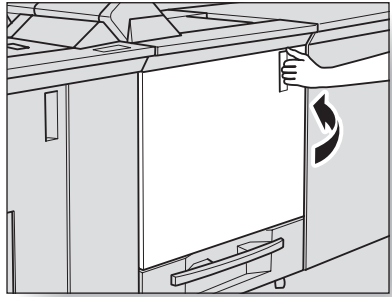
- 3 Take trimmings out of the trim scrap box.



- 4 Return the trim scrap box to its original position.



- 5 Close the front door of the perfect binder.

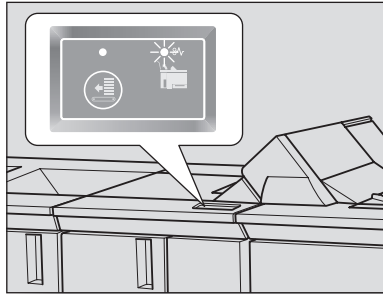


Reminder

Do not open the front door while machine operation is in progress, otherwise a paper jam may be caused. Be sure to confirm that the machine has stopped its operation before opening the front door.

5.3 If Paper Jam Indicator Lights

With the Staple Finisher FS-521 installed on the left side of the Perfect Binder PB-503, the paper jam indicator will light when paper misfeed occurs in the conveyance section of the perfect binder while delivering output sheets to the staple finisher.



Follow the procedure below to remove the mishandled paper.

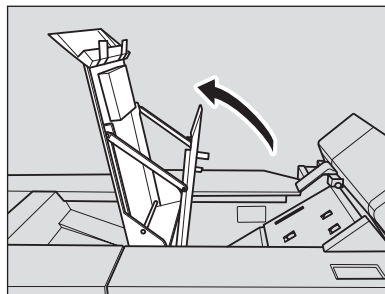


Reminder

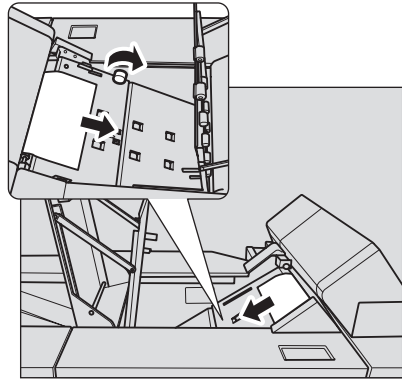
When paper misfeed occurs on the machine, be sure to check if the paper jam indicator is on.

Procedure

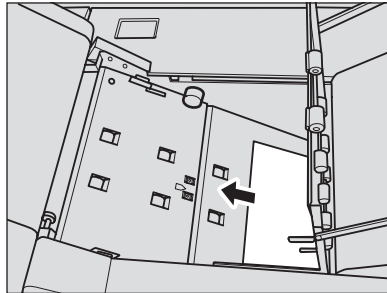
- 1 Open the conveyance section cover of the perfect binder.



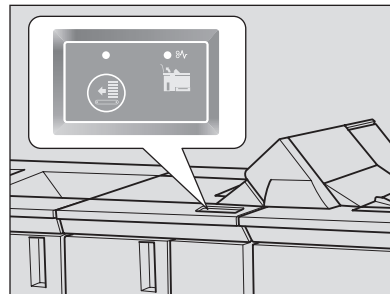
- 2 Turn the knob PB14 counterclockwise to remove the paper mishandled in the intake of the conveyance section.



- 3 Remove the paper mishandled in the outlet of the conveyance section, if any.



- 4 Check the Staple Finisher FS-521 for mishandled paper.
- 5 Check that the paper jam indicator is off.



6 Specifications

6.1 Perfect Binder PB-503

Item	Description
Name	PB-503
Function	Perfect binder tray: Hot-melt type binding, trimming Secondary (sub) tray: straight delivery Delivery to the finishing option (Staple Finisher FS-521)
Number of sheets per set	10 to 300 sheets, or within 30 mm thick 10 to 150 sheets, or within 15 mm thick for colored/matted paper For details of z-folded insertions, see page 45.
Paper sizes	Perfect binder tray: For details of available sizes in Perfect Binding mode, see page 44. Secondary (sub) tray: See page 34 for details.
Paper weight	Perfect binder tray: <ul style="list-style-type: none"> • 18 to 24 lb Bond for body • 23 to 57 lb Bond for cover Secondary (sub) tray: 13 to 80 lb Bond
Paper types	Perfect binder tray: <ul style="list-style-type: none"> • Plain, Fine for body • Fine, Coat for cover Secondary (sub) tray: All types available in main body
Stack capacity	Cover feeding Tray: 1,000 sheets (22 lb Bond)/ 500 sheets (57 lb Bond) Perfect binder tray: 1 set of maximum thickness (approx. 1.18"/30 mm) × 2 columns (approx. 6,600 sheets) The full-load detection function activated on perfect binder limits the capacity as follows in order to prevent the piled sets from collapsing. 10 to 30-sheet-bound set: 50 sets 31 to 150-sheet-bound set: 35 sets or until detected as full load 151 to 300-sheet-bound set: Until detected as full load Secondary (sub) tray: 200 sheets (21 lb Bond) (with full-load detection function activated)
Warm-up time	Approx. 20 minutes
Dimensions	53.5 (W) × 30.51 (D) × 48.15 (H) inches (1,360 (W) × 775 (D) × 1,223 (H) mm)
Weight	Approx. 594 lbs. (270 kg)
Power source	AC120 V 60 Hz (supplied from internal battery)
Power consumption	1,000 W max.

7 Correction in bizhub PRO 1200/1200P/1051 User's Guides

This section describes corrections required in bizhub PRO 1200/1051 User's Guide - POD Administrator's Reference and bizhub PRO 1200P User's Guide - Main Body, concerning the Perfect Binder PB-503 option.

7.1 List of the Administrator's Setting (p. 6-6 of bizhub PRO 1200/1051 POD Administrator's Reference)

Setting item and description	Default
01 System Setting	
09 Perfect Binding Setting	- - -
01 Usable Paper Weight Select Specify the paper weight available for each of body and cover when using Perfect Binder. P. B. Body: 17-19 lb/ 20-24 lb Cover: 20-24 lb/ 25-35 lb/ 36-43 lb/ 44-57 lb	P. B. Body: 17-19 lb/ 20-24 lb Cover: 20-24 lb/ 25-35 lb/ 36-43 lb/ 44-57 lb

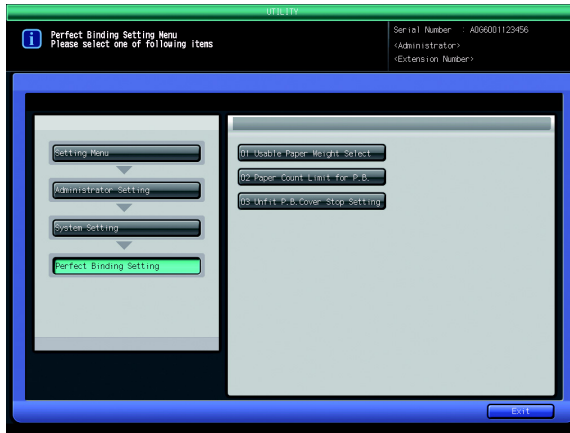
7.2 List of the Administrator's Setting (p. 6-5 of POD Administrator's Reference in bizhub PRO 1200P Main Body)

Setting item and description	Default
01 System Setting	
06 Perfect Binding Setting	- - -
01 Usable Paper Weight Select Specify the paper weight available for each of body and cover when using Perfect Binder. P. B. Body: 17-19 lb/ 20-24 lb Cover: 20-24 lb/ 25-35 lb/ 36-43 lb/ 44-57 lb	P. B. Body: 17-19 lb/ 20-24 lb Cover: 20-24 lb/ 25-35 lb/ 36-43 lb/ 44-57 lb

7.3 09 Perfect Binding Setting - 01 Useful Paper Weight (p. 6-44 of bizhub PRO 1200/1051 POD Administrator's Reference)

Use this function to specify the paper weight available for each of body and cover when using Perfect Binder.

Perfect Binding Setting Menu Screen



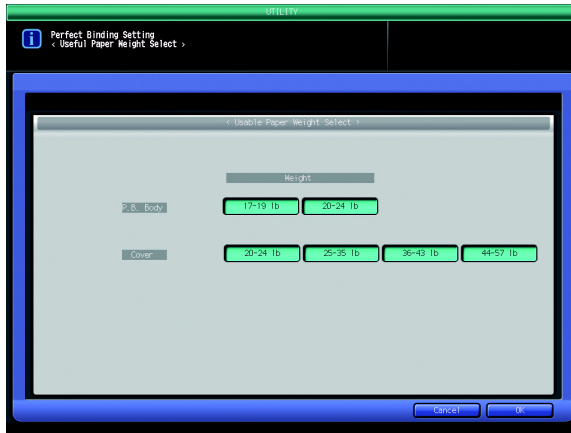
Note

If one of the paper weight selected here is not specified for the tray to be used in the perfect binding mode, the binding operation will become unavailable with an "unsuitable" message displayed.

Procedure

- 1 Touch [01 System Setting] on the Administrator Setting Menu Screen, then touch [09 Perfect Binding Setting] and [01 Useful Paper Weight] in sequence.

- 2 Touch the desired paper weight keys for each of P.B. Body and Cover to highlight them.



- 3 Touch [OK] to complete the setting, or touch [Cancel] to resume the previous setting.
The Perfect Binding Setting Menu Screen will be restored.

