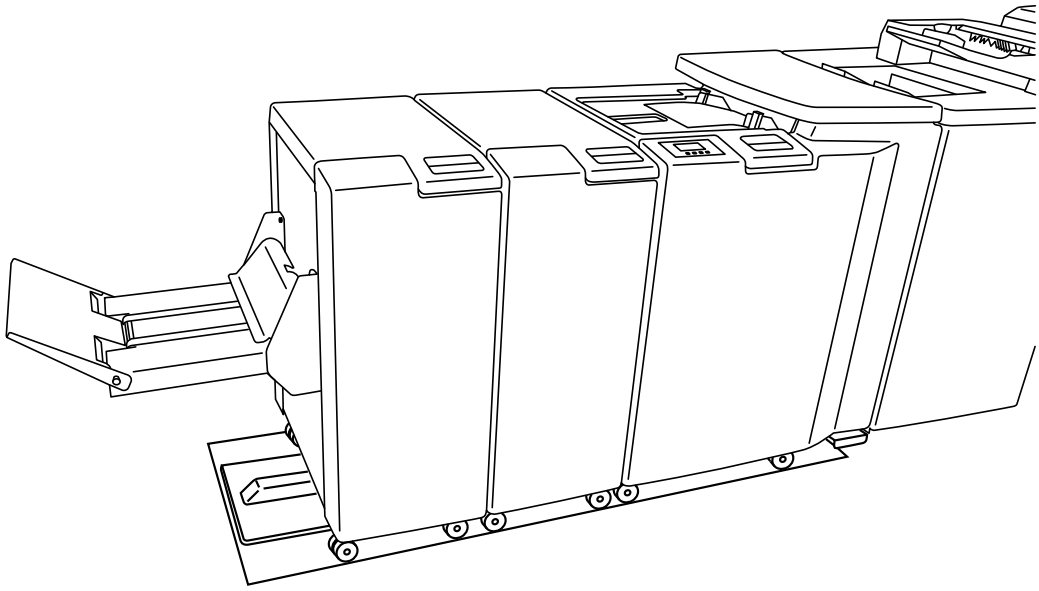
BOOKLET MAKER BK5010

Operating Instruction
Stapler Folder Reference



Read this manual carefully before you use this product and keep it handy for future reference.
For safety, please follow the instructions in this manual.

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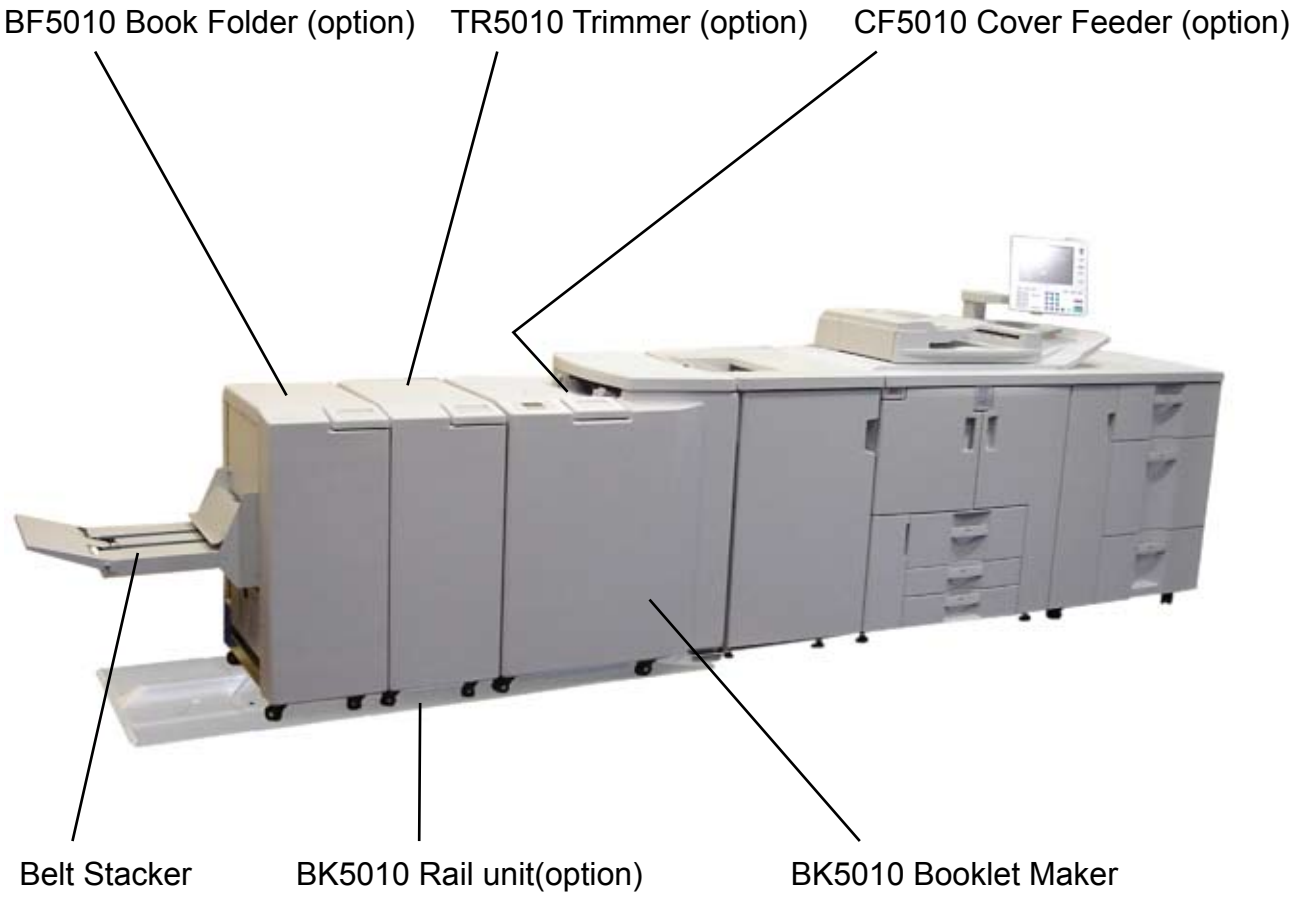
What You Can Do With This Machine



The Booklet Maker BK5010, Trimmer TR5010, Book Folder BF5010 and Cover Feeder CF5010 forms a booklet making system that works online with the Copier.

The print-outs from the Copier are collected in the finisher and then transported into the BK5010 Booklet Maker to the staple area. From the CF5010 Cover Feeder (optional), if present, any type of covers, colored or black and whites, can be added to the printed set. The Booklet Maker now jogs and then staples the set. The set is then transported further to the folding area where the set is folded into a booklet and then fed out to the belt stacker. When a larger number of sheets are folded an effect called creeping occurs. In order to rectify creep, the TR5010 Trimmer (optional) can be attached after the Booklet Maker. The booklets are then transported from the Booklet Maker into the Trimmer where the trail edge will be cut off. If a TR5010 Trimmer is installed to the BK5010 Booklet Maker, you can can attach the BF5010 Book Folder (optional). The printouts, which have been stapled, folded and trimmed will be fed into the BF5010. The BF5010 will flatten the spine of the booklet square. The booklets will, after passing the BF5010, have the look of a perfect bound book. The booklets are then fed out to the Belt Stacker.
To facilitate undocking, a BK5010 Rail unit (optional) can be installed under the Booklet Maker. Undocked or off-line, the Booklet Maker can be used as a stand-alone unit for hand feeding.

The BK5010 Booklet making system is controlled from a single control panel on the Booklet Maker. The control panel has only four buttons which will allow you to easily set up, adjust and operate the complete system.

The buttons are multi functional, meaning that the function of each button depends on the information displayed.
For example: Pressing button 3 from the Ready screen takes you to the Tools screen.

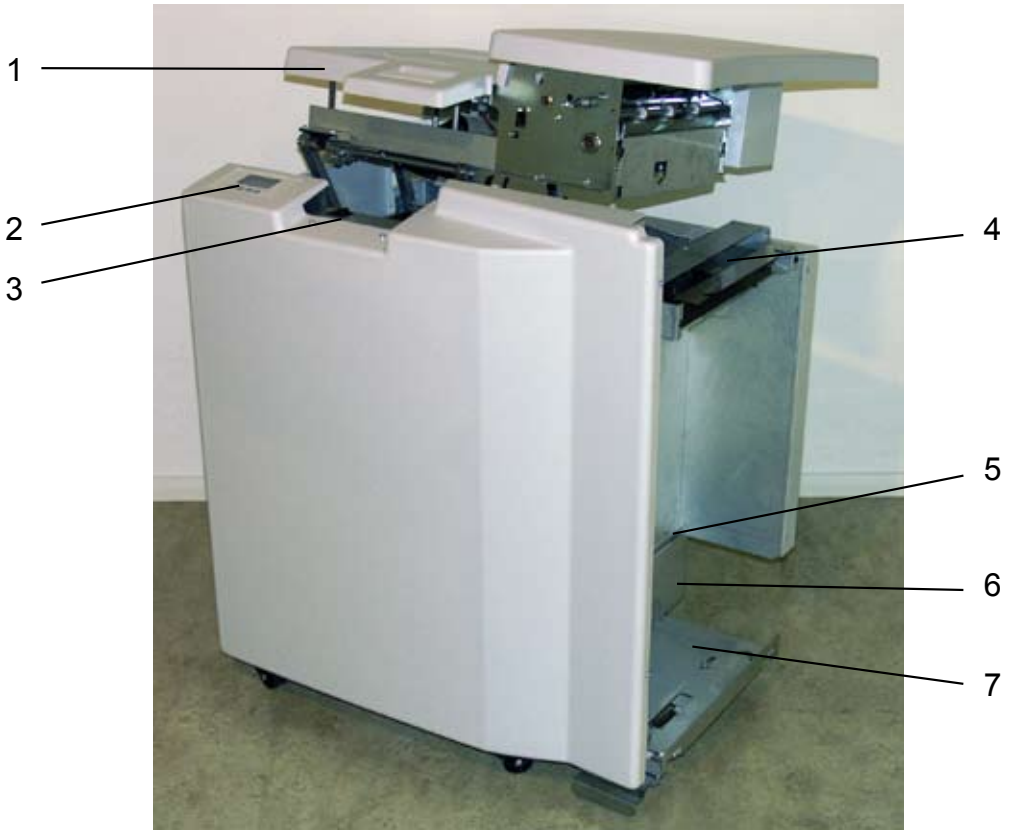
Example 2: In this screen, button 3 has no function.

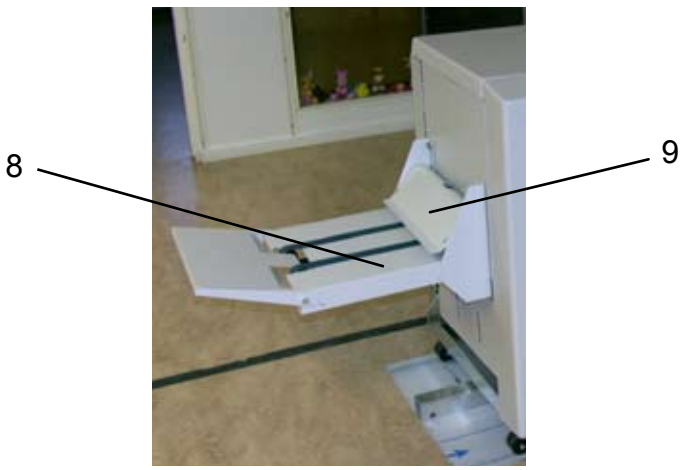
Example 3: Pressing button 3 here will load the stored Job (4).

Example 4: In this screen pressing button 3 will save the current settings for job No 1. The asterisk on the first row shows that the settings for Job (1) has been changed, but not yet saved.

Guide To Components

Booklet Maker

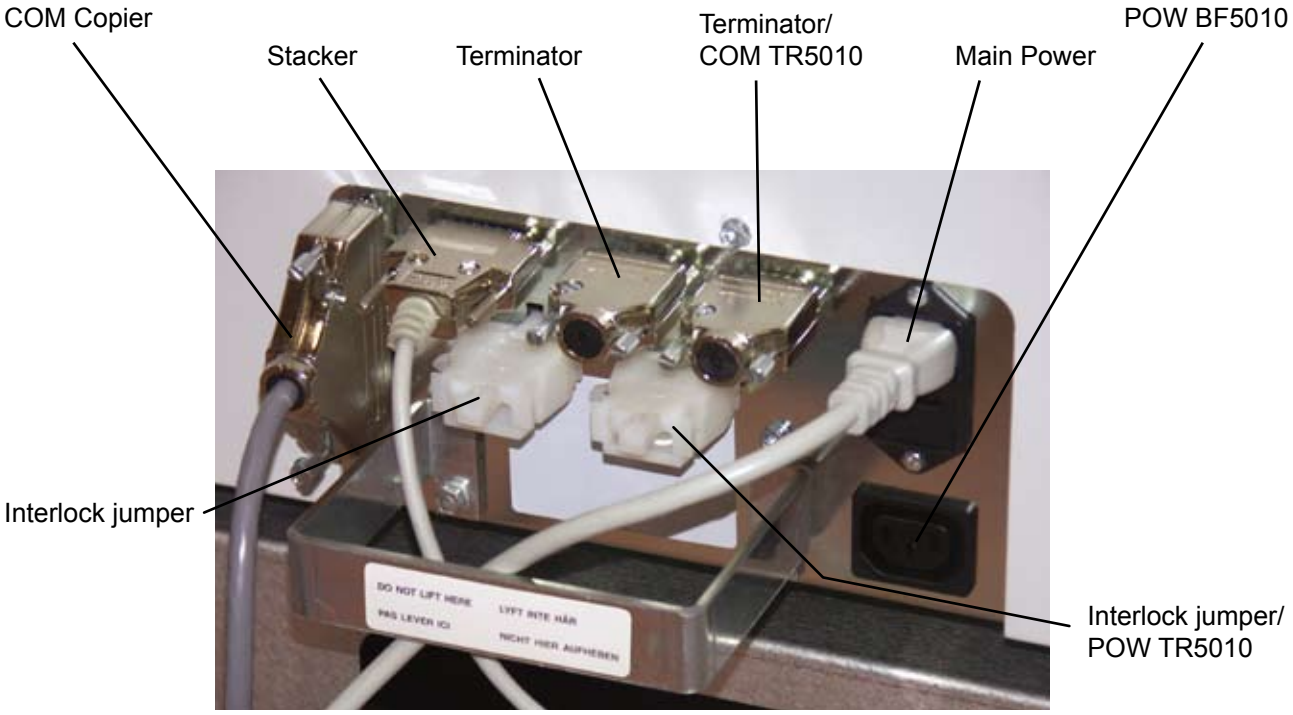




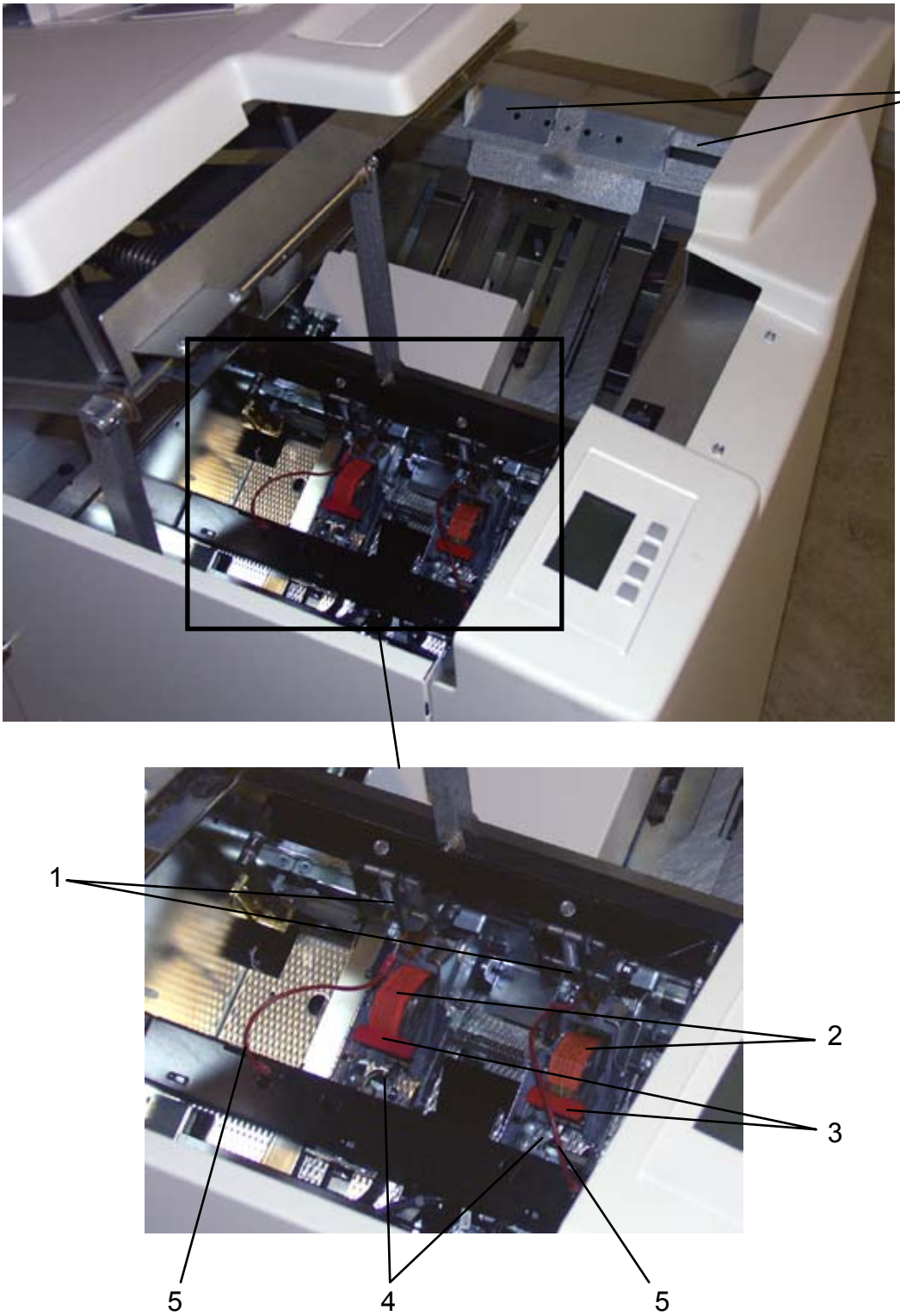
1	Top cover	6	Base
2	Control panel	7	Docking assembly
3	Main power switch	8	Belt Stacker
4	Infeed assembly	9	Belt Stacker Cover
5	Exit tray storing shelf		

Booklet Maker, continues

8 Connections
9 Fold stop gate



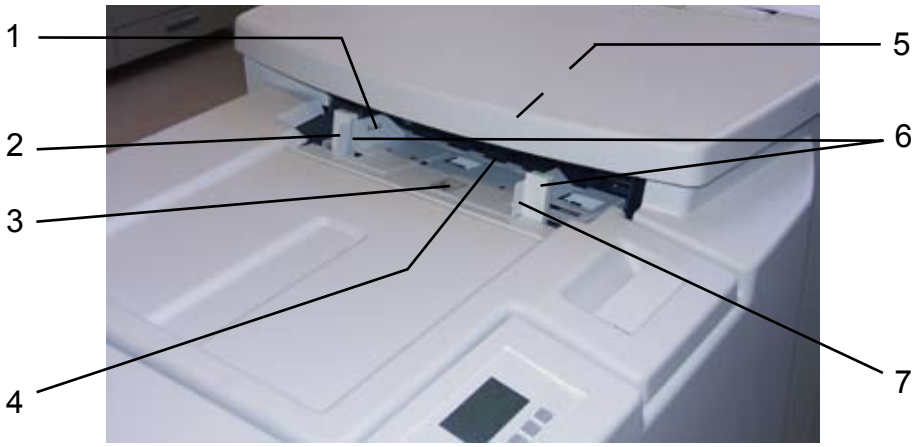
Booklet Maker, continues



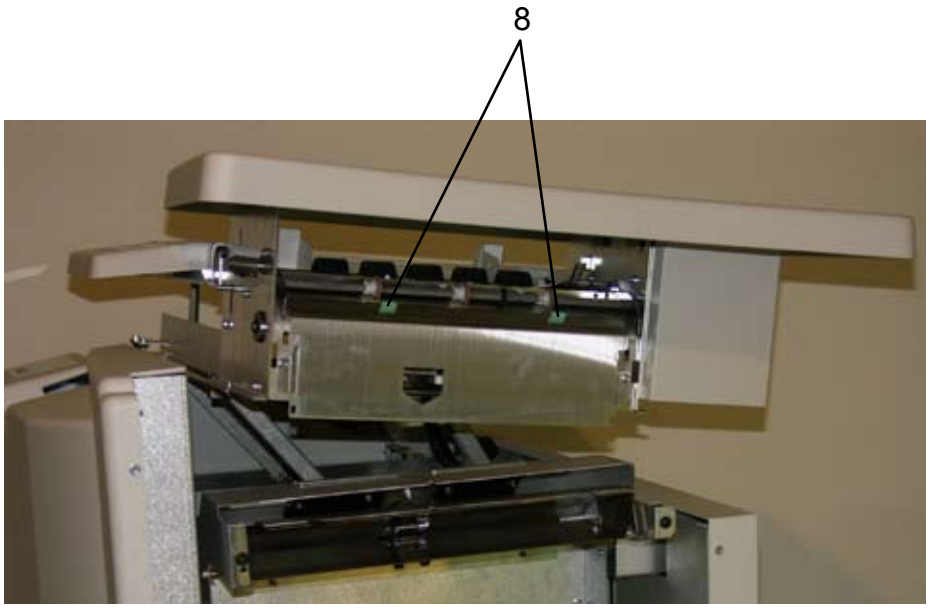
1	Stapler heads	4	Stapler release latches
2	Staple cartridges	5	Staple detection leads
3	Cartridge locking levers	6	Hand feeding paper guides

Options

Cover Feeder

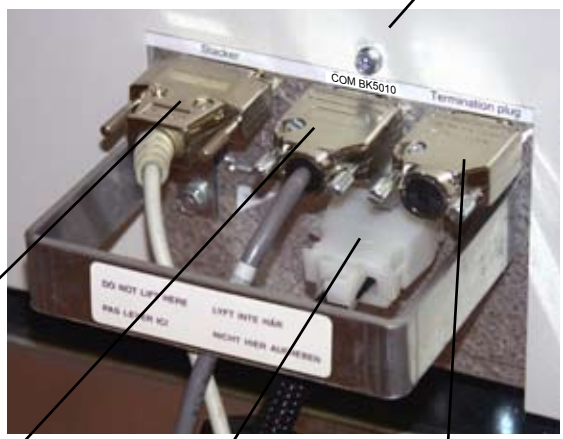


1	Loading capacity mark	5	Paper separator pad (also see page 52)
2	Rear side guide	6	Air nozzle (2x)
3	Paper orientation label	7	Front side guide
4	Feed roller assembly	8	Jam clearance baffle



Trimmer

1 Top cover
2 Trim bin
3 Base
4 Connections



Stacker

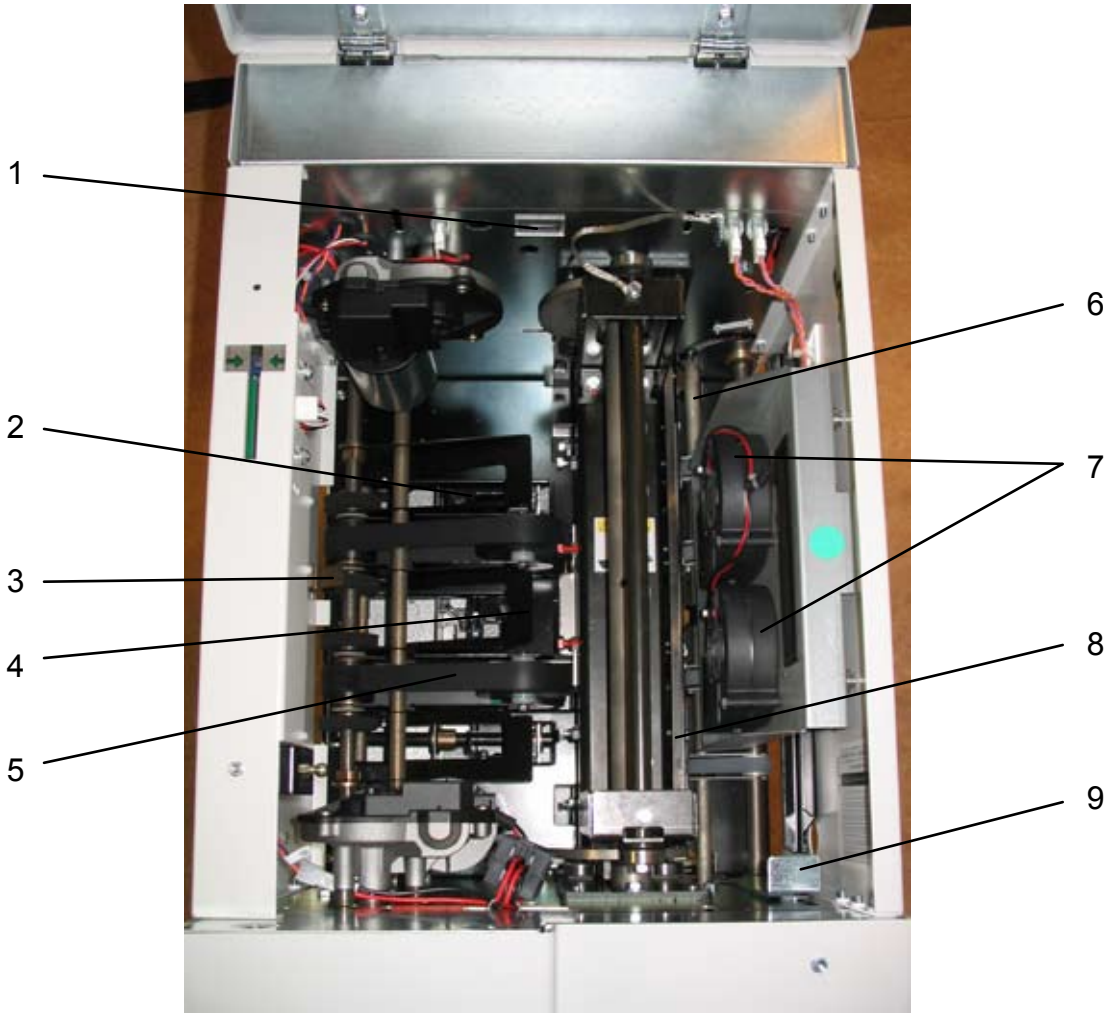
COM BK5010

Power from BK5010

Terminator/ Com BF5010

Trimmer, continues

The Trimmer interior has parts that you will come in contact with if a misfeed occurs.

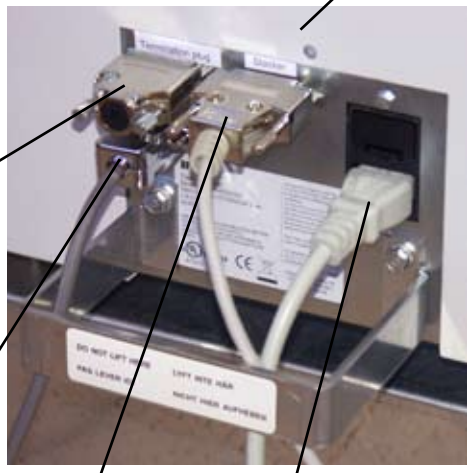


Trimmer, top view

1	Set counter	6	Infeed roller shaft
2	Trimmer stop	7	Trimmer fan
3	Outfeed latch	8	Upper knife
4	Exit compressing brackets	9	Infeed latch
5	Transport belt		

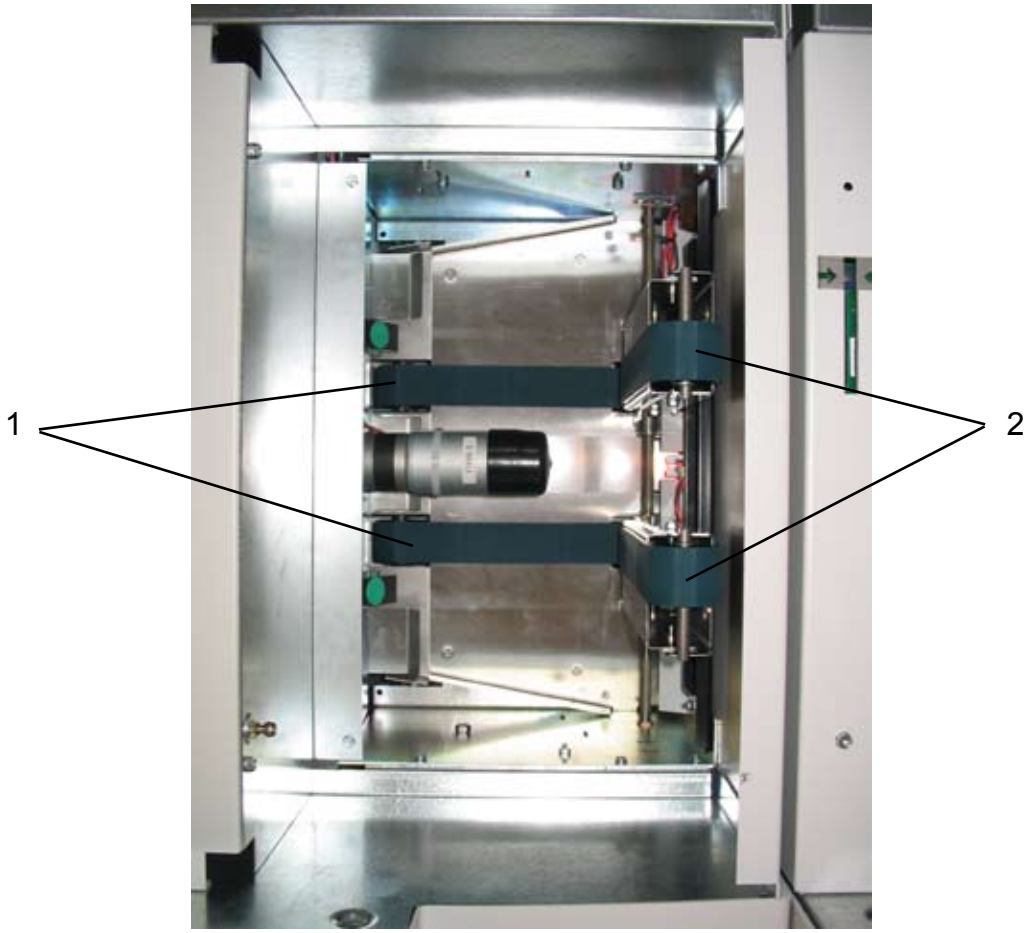
Book Folder

1 Top cover
2 Trim bin
3 Base
4 Connections



Book Folder, continues

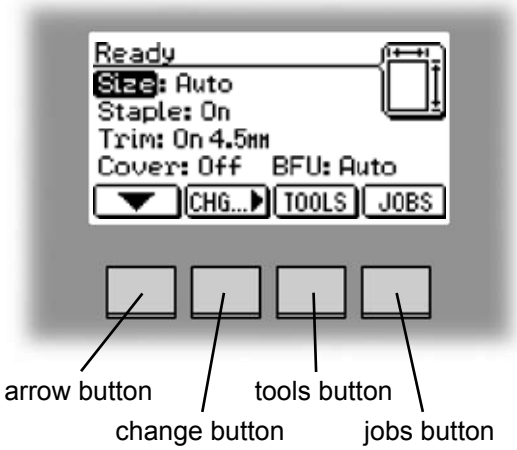
The Book Folder interior has parts that you will come in contact with if a misfeed occur.



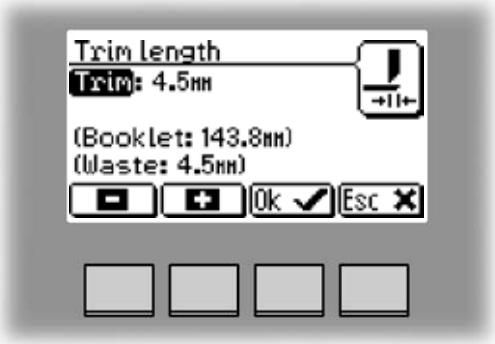
Book Folder, top view,
Upper feed belts in lifted up

1 Lower feed belts
2 Upper feed belts

Control Panel



The Ready screen.
When the system power is switched on the Ready screen will be shown. Here you will find information showing the actual set up. From this screen you can also access other screens, that will help you operate the complete BK5010 Booklet making system.



Changing settings.
To change or adjust settings; Select an item in the Ready screen with the [arrow] button and press the [Change] button. For example you can fine adjust the trimming, turn off the cover feeder or set the Book Folder to the correct mode. Explore all settings more thoroughly in section 2. Making Booklets.

The Tools screen.
Pressing the [Tools] button in the Ready screen takes you to the tools screen. Here you will find all the necessary tools for a troublefree operation. From here you can change the display language, set units from millimeters to inches and more. See section 3. Tools. for how to get around in the Tools screen.

The Jobs screen.
Pressing the [Jobs] button in the Ready screen opens the Jobs screen. From here you can load, customize and save job settings. These procedures are described in section 4. Jobs.

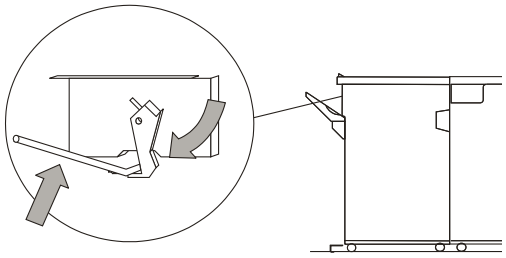
The Processing screen.
This screen is shown when the machine is busy working. If the machine is used in off-line mode you do not have to wait for the Ready screen before handfeeding the next set.

The Please wait screen.
While the machine sometimes needs time to perform changes in settings, the Please wait screen will be shown. The machine will automatically return to the Ready screen after changes have been implemented.

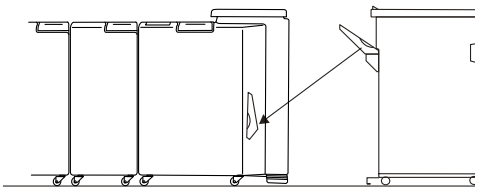
Docking / Undocking

Docking the Booklet Maker

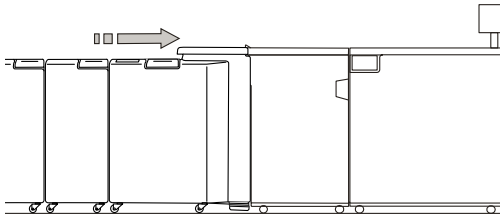
1 Turn the Copier off.



2 Lift up the Exit arm catcher and set the Exit paper arm in the upper position.



3 Remove the Exit tray from the Finisher and put it on the shelf on the Booklet Maker



4 Move the Booklet Maker up to the copier and dock it.

Note

Make sure the Booklet Maker is powered on.

5 Turn the Copier on.

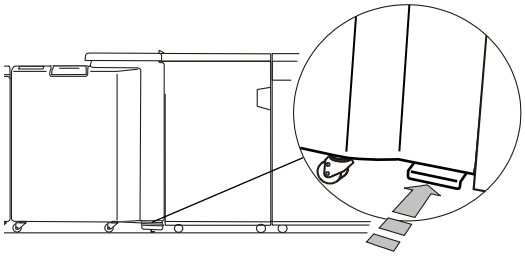
The Copier is now in Booklet maker mode and a staple icon is now present in the Copier display panel.

Undocking the Booklet Maker

1 Turn the Copier off.

Note

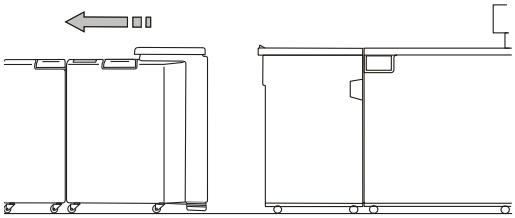
Keep the Booklet Maker powered on.

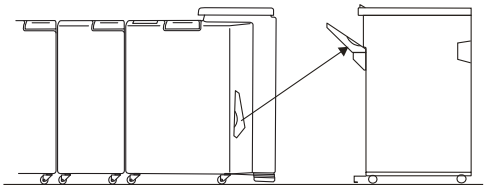


2 Push in the latch on the docking assembly and move the Booklet Maker away from the Copier.

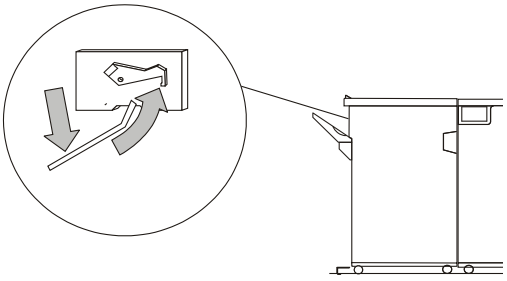
Note

Be careful not to damage the communication cable





3 Take the Exit tray from the shelf on the Booklet Maker, and install it on the Finisher.



4 Lift up the Exit arm catcher and move the Exit paper arm to the lower position.

5 Turn the Copier on.

The Copier is now in standard Copier mode.

Turning On / Off the Main Power

Booklet Maker, Cover Feeder, Trimmer and Book Folder

1 Plug the Booklet Maker powercord into the wall outlet.
Cover Feeder (optional), Trimmer (optional) and Book Folder (optional) are powered from the Booklet Maker.

2 Open the Top cover (1).

3 Set main power switch (2) on Booklet Maker to ON position.

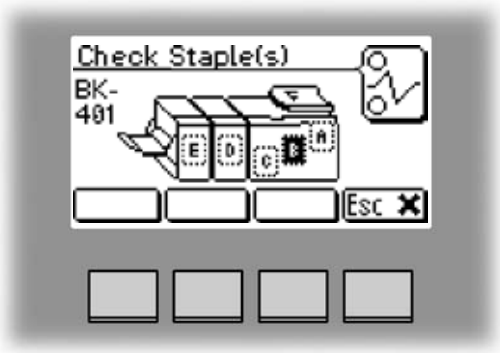
Note

The main power switch also controls Cover Feeder (optional), Trimmer (optional) and Book Folder (optional).

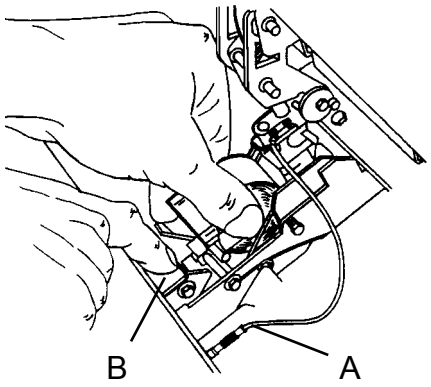
4 Close the Top cover.

Check staples, Staple cartridge and stapler head

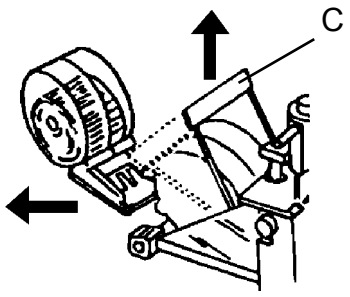
Removing stapler head



1. Open the top cover.
2. Remove the set of paper.
3. Disconnect the staple indication lead (A) from the socket.
4. Hold the stapler head in place, press the release latch (B) to release the rear end of the stapler head and lift up this end.
5. Lift out the head, allowing it to rotate around the front end. The stapler assembly is spring loaded and will follow the rotation of the stapler.



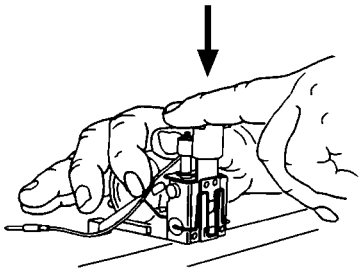
Removing staple cartridge

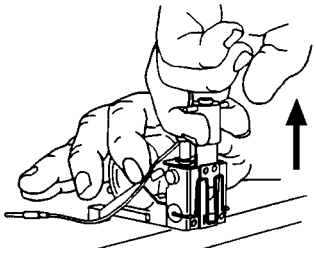


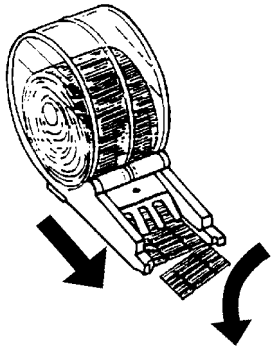
The staple cartridges, containing approximately 5000 staples per cartridge. Cartridge may be removed either for renewal or for jam clearance.

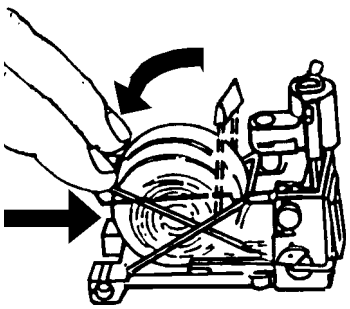
1. Raise the handle (C) on the staple cartridge locking lever.
2. Remove the staple cartridge from the stapler head by sliding it away from the stapler head.

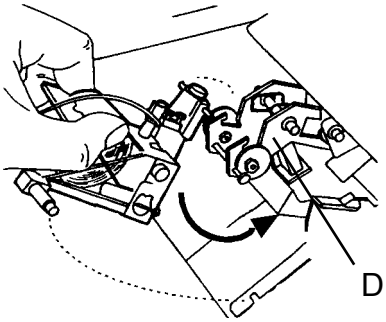
Installing stapler head, staple cartridge / clearing staple jam











1. Look inside stapler head for jammed staples in the area of the staple actuator. Remove staples if any.
2. Position the stapler head on the edge of a firm surface (for example the top of a table).
3. While securely holding the head, actuate the Stapler up and down through full travel. Perform this operation without staple cartridge
4. Renewing or reinstalling the staple cartridge, pull 25 mm (1 inch) of staples out of the cartridge and tear the staples downward starting at one side pulling away from you. The staple tear line is indicated by an arrow on the side of the cartridge.
5. Insert the cartridge into the stapler head with the end of the staples facing toward the head of the stapler mechanism. Push it firmly ahead.
6. Hold the staple cartridge firmly in place and push down the cartridge locking lever.

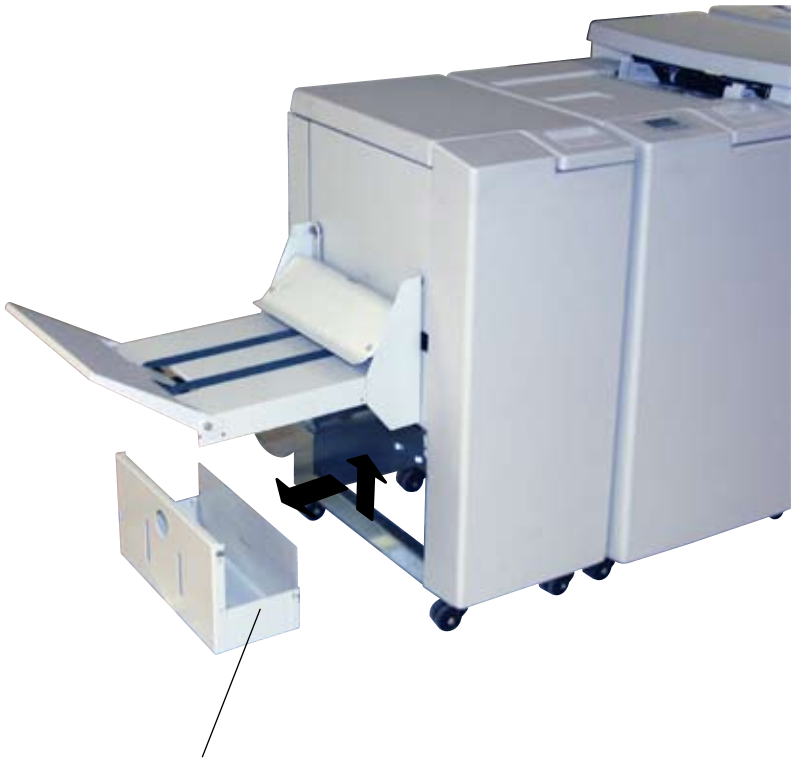
Note

Keep holding (pushing) the staple cartridge into place while pushing down the cartridge locking lever.

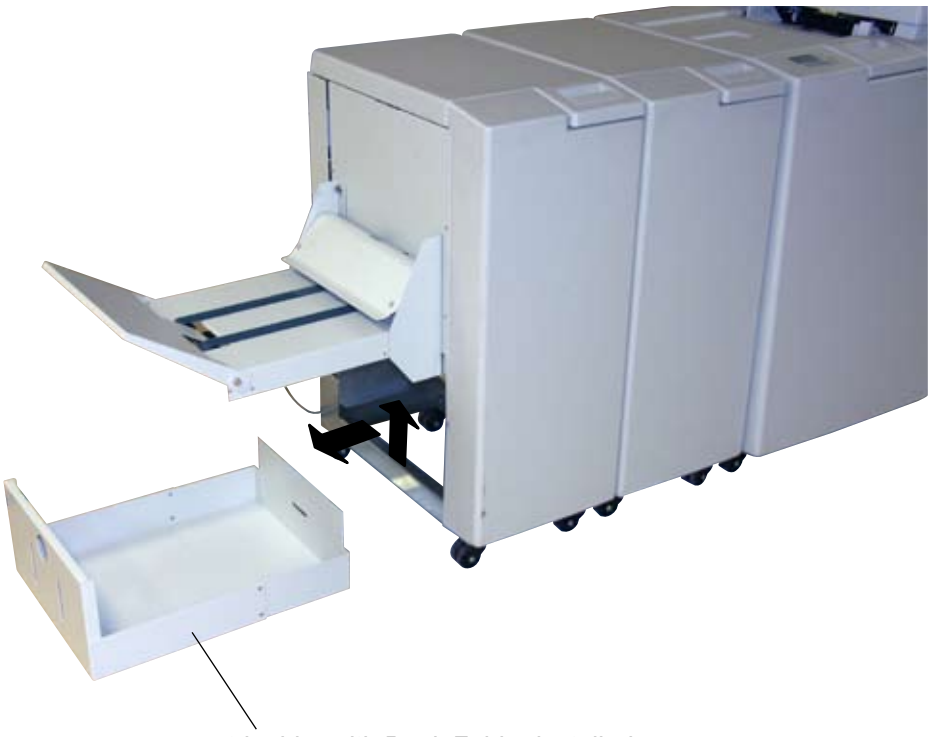
7. While securely holding the head, actuate the Stapler up and down through full travel. Perform this operation with staple cartridge. Repeat this a few times to ensure that the staples are ejected at each down movement.
8. Reinstall the stapler head by inserting the pin at the top of the stapler head into the stapler retraction swing arm (D).
9. While rotating the stapler head, insert the pin located at the rear end of the stapler head into the slots in the frame of the stapler head assembly. Press down the rear end of the stapler head until the release lever snaps into place, locking the stapler head in position.
10. Press down the front end of the stapler head until it snaps in position under the frame assembly.
11. Reconnect the staple indication lead (A), see previous page.
12. Close the top cover and press the [Esc] button. The booklet maker will automatically go to Ready mode. If not and/or error message persists, hand feed a four sheet set of paper. The booklet maker will automatically cycle and advance staples until both stapler heads are driving staples. The booklet maker will automatically go to Ready mode.

Emptying the trim bin

Remove the trim bin by lifting it and pulling it out.



trim bin, no Book Folder installed



trim bin, with Book Folder installed

2. Making Booklets

Changing settings

General procedure

Changing of settings can be performed in two ways. Temporary, which means that the changes will remain until a new job is loaded or permanent, which means that the changes will be stored as a job. This job can later be recalled.

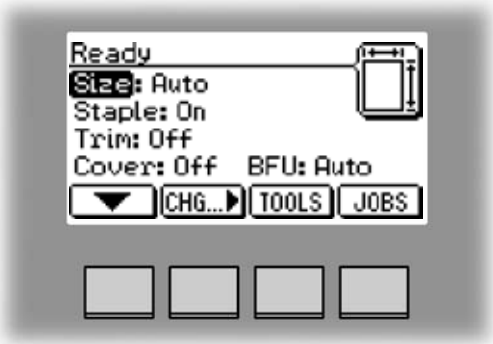
Procedure for temporary changes:
From the Ready screen, select the option you wish to change and press the [Change] button. Confirm changes by pressing the [OK] button.

Procedure for permanent changes:
From the Ready screen, press the [Jobs] button to reach the Jobs screen. Select the Job you want to change by pressing the [Next] button and then press the [Change] button.

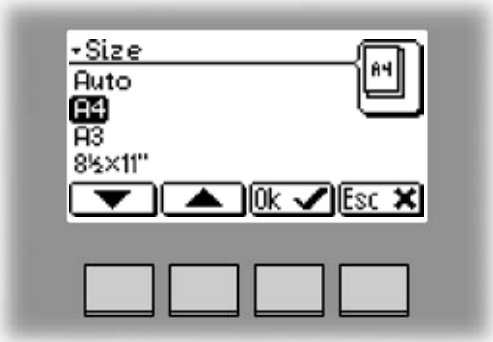
Note
Choose either of the above mentioned procedures when changing size, stapling, trimming, covers or book folding as follows.

Setting Paper Size

Selecting standard paper sizes

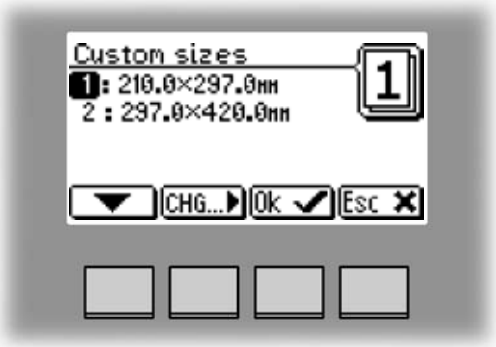


From the Ready screen, select Size and press the [Change] button.

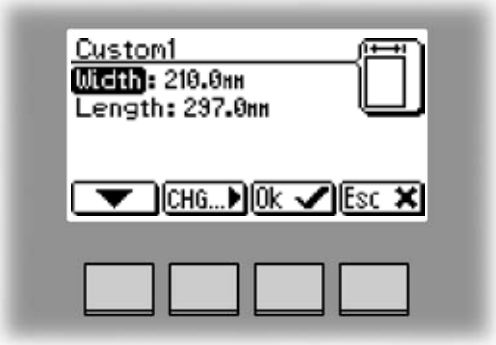


Select Auto or any standard paper size with the [arrow] button and press the [OK] button. Selecting Auto means that the booklet maker will automatically adjust to the same paper size (A4, A3, 8.5”x11”, 8.5”x14”, 11”x17” or B4) as the copier.
For other paper sizes, follow “Custom paper size” as described on the next page.

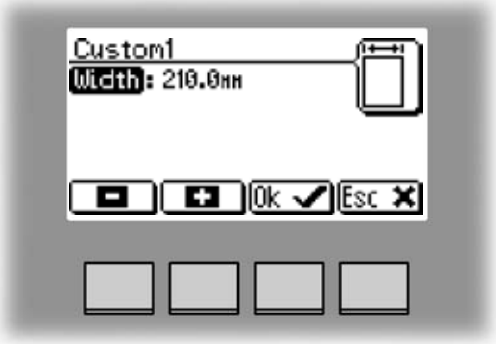
Custom paper size



Select Size and press the [Change] button to display the preprogrammed paper sizes.
Scroll down to Custom sizes, by pressing the [arrow] button, and press the [OK] button. Select the custom paper size you want to use and press the [OK] button.



If you want to adjust, select the custom paper size you want to change and press the [Change] button. Select Width or Length with the [arrow] button and press the [Change] button.



The paper size can now be changed in increments of 0.1 mm or approx.. 0.01 inches. Press the [OK] button to confirm.

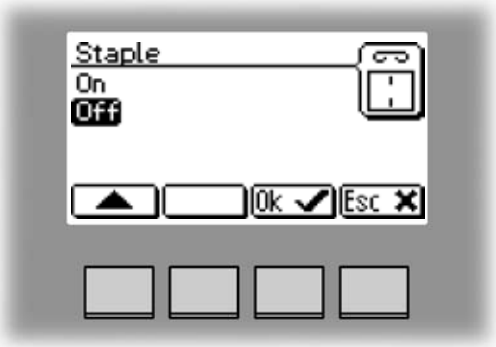
Four different custom paper sizes can be stored.

Stapling

Selecting stapling On or Off

From the Ready screen, select Staple and press the [Change] button.

Selecting stapling On or Off, continues

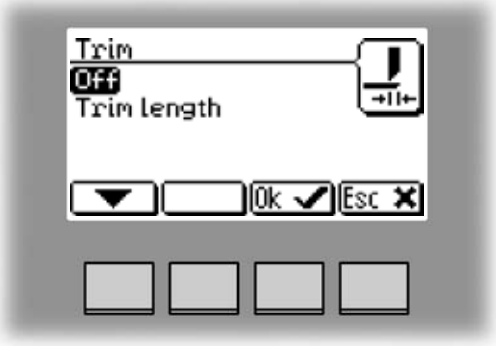


If stapling was On, the first choice will be Off and vice versa.
Select On or Off with the [arrow] button and press the [OK] button.

Trimming

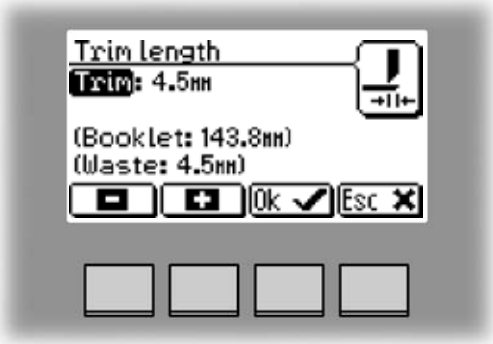
Selecting trimming On or Off

From the Ready screen, select Trim and press the [Change] button.



If trimming was On, the first choice will be Off and vice versa.
Select On or Off with the [arrow] button and press the [OK] button.

Adjusting the cutting margin

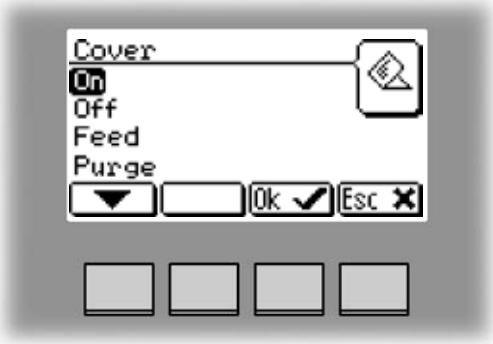


Select Trim and press the [Change] button. Select Trim length and press the [OK] button. Press the [+] or [-] buttons to fine adjust in increments of 0.5 mm or 0.02 inches. The trimmed booklet size and waste are displayed. Press the [OK] button to confirm.

Covers

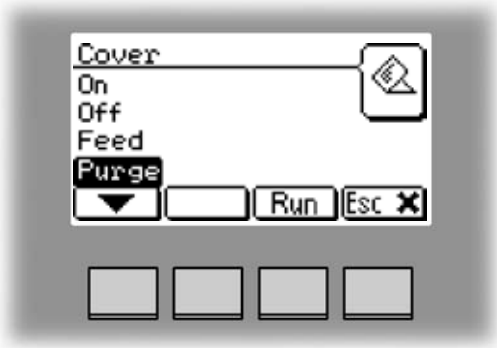
Selecting Cover Feeder Mode

From the Ready screen, select Cover and press the [Change] button.



Select On if you want the cover feeder to automatically feed one cover to each set from the copier, or if you are manually feeding a set.
Select Off if no covers are to be fed.
Select Feed if you want to fold only one sheet in sequence.
Press the [OK] button to confirm.

Selecting Cover Feeder Mode, continues



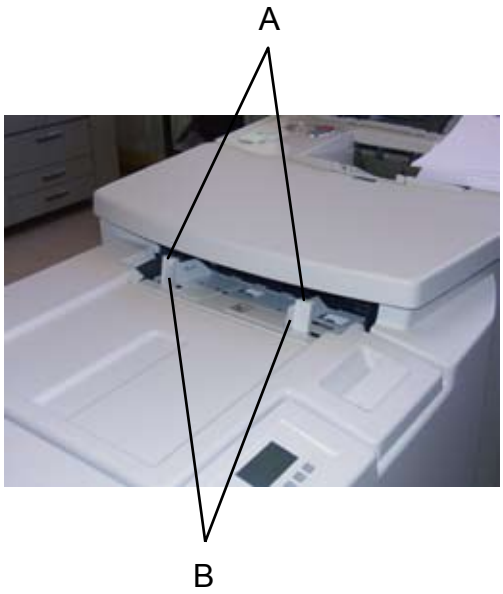
The Purge mode is used when you want to completely empty the Cover Feeder from covers.

1. Remove all cover sheets from the bin.
2. Select Purge and press the [Run] button. The prefed cover sheet will now be fed into the Booklet Maker to the stapling area, but without being stapled.
3. Open the Top Cover and remove the cover sheet.

Note

If you open and close the Top Cover without removing the cover sheet, the cover sheet will be stapled and folded and then fed to the stacker.

Loading covers



1. Make sure that the cover sheets are well fanned to avoid misfeeds or double-feeds.
2. Align the cover sheets well to achieve a reliable feeding operation and good finishing results.
3. When using printed covers make sure that the ink has completely dried, to avoid smearing.
4. Press on top of either air nozzle (A) to lower the paper bin. Load the covers facing downwards into the paper bin.
5. Move the adjustable side guides (B) up against the cover sheets until there is no clearance.

Book Folding

General

The Book Folder has six different settings. It can be set to [Auto], [Mode 1], [Mode 2], [Mode 3], [Mode 4] or [Off].

2

In [Auto] mode, the Booklet Maker detects how may sheets there are in the booklet, and automatically set the Book Folder to the correct mode.

Note

When the Book Folder is set to [Auto] and the booklet has less than approximately 6 sheets/booklet, the Book Folder will bypass the Square folding action, transporting the booklet out to the Belt stacker.

Use the manual modes to override the auto function. There are four different manual modes to select from.

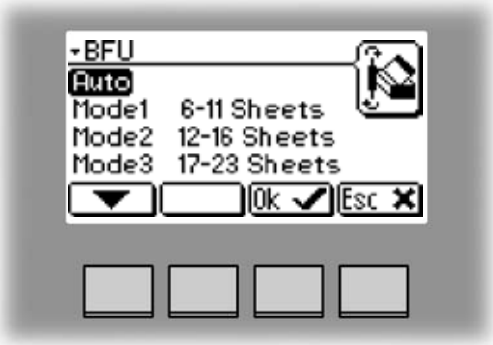
Mode 1: Approximately 6 to 11 sheets. Decreased amount of square forming.
Mode 2: Approximately 12 to 16 sheets. Medium amount of square forming.
Mode 3: Approximately 17 to 23 sheets. Increased amount of square forming.
Mode 4: Approximately 24 to 30 sheets. Maximum amount of square forming.

Select [Off] to bypass the Book Folder

Setting Mode

Procedure

From the Ready screen, scroll down to BF5010 and press the [Change] button.



Select [Auto], [Mode 1], [Mode 2], [Mode 3], [Mode 4] or [Off] with the [arrow] button and press the [OK] button.

On-line/Off-line

The Booklet maker can be operated in two modes. On-line mode, when used together with the copier, or off-line mode, working as a stand-alone unit.

Off-line mode

1. Follow “Undocking the Booklet maker” in section 1. Basics.
2. Adjust the hand feeding paper guides to the correct paper size.
3. Turn on the Booklet maker.

The Booklet maker is now in stand-by and will start automatically when a set is fed into the Booklet maker. If settings need to be changed, follow “Changing settings” earlier in this section.

On-line mode

1. Follow “Docking the Booklet maker” in section 1. Basics.

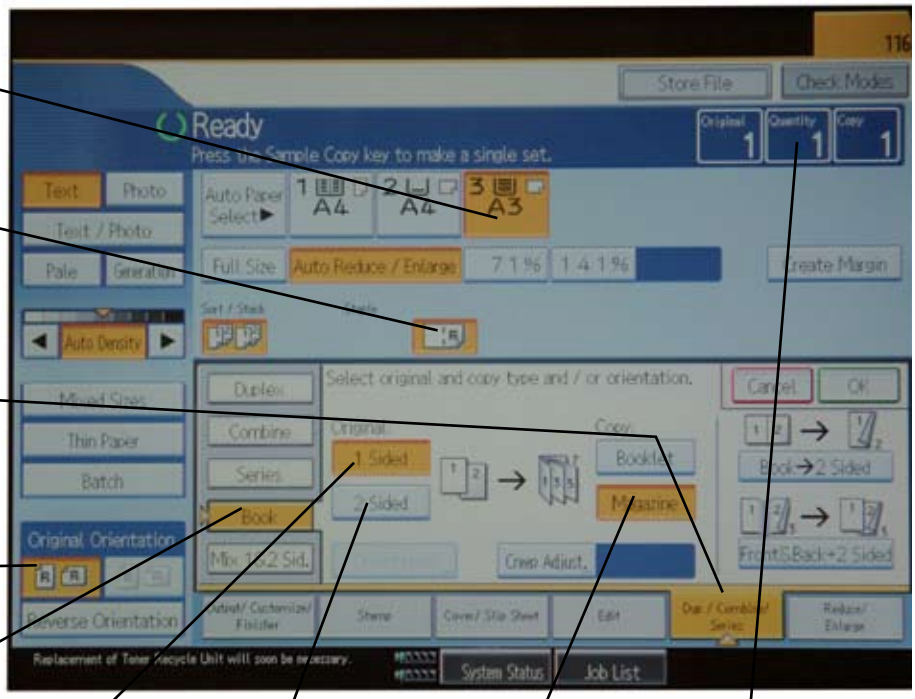
Begin On-line Production

1. Make sure that the [staple icon] is present on the copier control panel. If not, turn off the Copier and Booklet Maker. First turn the Bookklet Maker ON and then turn the Copier ON.
2. Make sure that the Booklet maker system is set according to your job specification.
3. Select [Paper tray] (A).
4. Select [Staple icon] (B).

Note

Make sure correct original orientation (C) is selected.

5. Select [Dup / Combine / Series] (D).
6. Select [Book] (E).
7. Select [1 Sided] (F) if your originals are only printed on one side or [2 Sided] (G) if they are printed on both sides.
8. Select [Magazine] (H).
9. Select [Quantity] (I).
10. Press the【Start key】.



A. Paper tray
B. Staple icon
D. Dup. / Combine / Series
C. Original orientation
E. Book
F. 1 Sided
G. 2 Sided
H. Magazine
I. Quantity

3. Tools

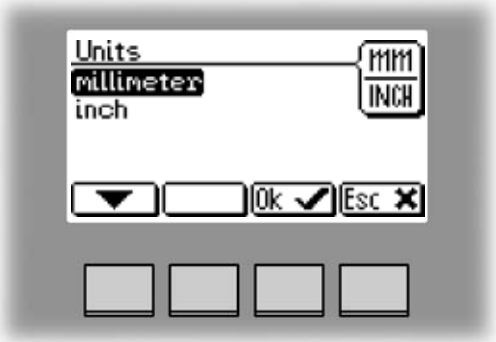
The Tools Screen

The Tools screen.

From the Ready screen, press the [Tools] button to get to the Tools screen. Here you will find all the necessary tools for troublefree operation.

Units

From this screen you can change units, between millimeters and inches. Select Units with the [arrow] button and press the [OK] button.

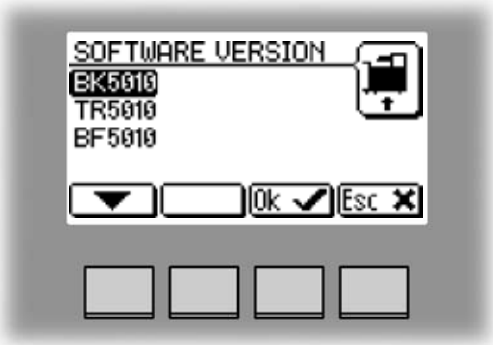


Select the millimeters or inch units and then press the [OK] button.

Software version

Select Software version with the [arrow] button and press the [OK] button. This screen, and sub screens show the software version for the different modules in the booklet making system.

Software version, continues



Select the module in the system for which you want to check the software version and press the [OK] button.

This screen will show software version(s) in the selected module.

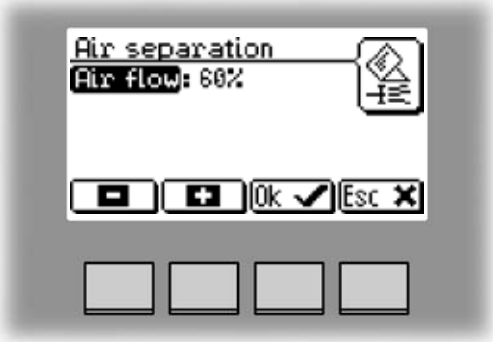
Language

From this screen you can change the language in the user interface.
Select Language with the [arrow] button and press the [OK] button.

Select desired language with the [arrow] button and press the [OK] button.

Air Separation

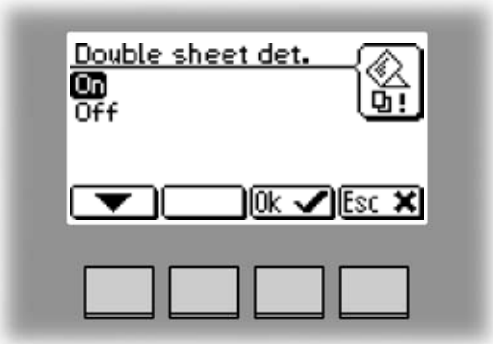
From this screen you can increase or decrease the Air separation. This screen will only be shown if a Cover Feeder is present. Select Air separation with the [arrow] button and press the [OK] button.



You might want to increase the Air flow when running thick, heavy covers.
Set the desired speed in increments of 10% with the [+] or [-] buttons and press the [OK] button. Normal user (default) setting is 60%.

Double Sheet Detection

From this screen you can turn the double sheet detection On or Off. Select Double sheet det. with the [arrow] button and press the [OK] button.



Normally double sheet detection should be set to On. However, if you experience “false double sheet feeds”, for example when running covers that are thick, with dark print or with mixed prints on the covers, the double sheet detection can be set to Off.

Service access

This screen is for authorized service personnel only and is password protected.

4. Jobs

Storing and deleting jobs

The Booklet Maker has a maximum storage capacity of 10 different jobs. It is not possible to delete jobs, therefore when you need to store a new job, an old job must be overwritten. To make temporary changes in the actual job settings or temporary changes of a stored job, see section 2. Making Booklets.

Storing a new Job

To store a new job or add new settings to an existing job you need to start from the Jobs screen. From the Ready screen press the [Jobs] button to enter the Jobs screen.

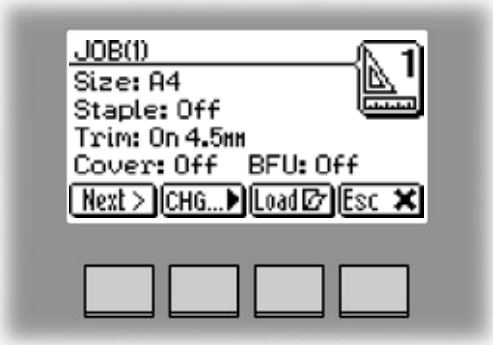
Select an already stored job by pressing the [Next] button. Then press the [Change] button.

Select the option you want to change with the [arrow] button and then press the [Change] button. See section 2. Making Booklets for how to set up each separate option.
After changing the options press the [OK] button to accept the changes you just made.

Continued on next page.

Storing a new Job, continues

To store the job, press the [Save] button.



If you want to run the actual job, press the [Load] button. The booklet maker will then automatically setup that specific job and return to the Ready screen.

Recalling a Job

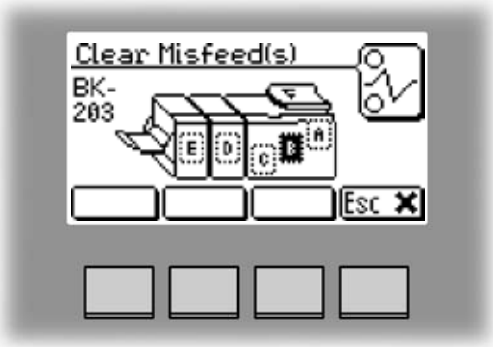
To recall a stored job press the [Jobs] button from the Ready screen to enter the Jobs screen.
Select the desired job by pressing the [Next] button. Then press the [Load] button. The booklet maker will then automatically setup that specific job and return to the Ready screen.

5. Clearing Misfeed(s)

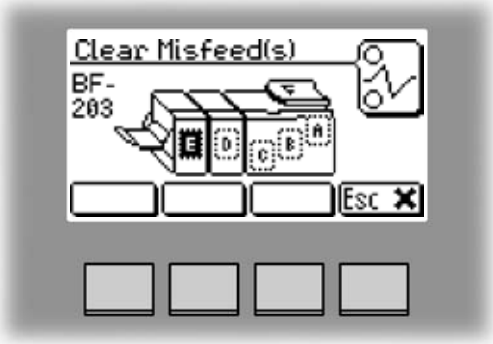
Clearing misfeed(s)

General

If a misfeed condition should occur, it is indicated on the Booklet Maker display. The message “Clear Misfeed(s)”, an error code and the location of the misfeed is displayed.
See examples below.



Misfeeds in the Booklet Maker are indicated as area A, B or C and by the error code BK-XXX.

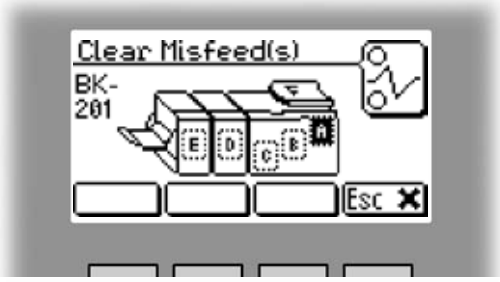


Misfeeds in the Book Folder are indicated as area E and by the error code BF-XXX.

Booklet Maker

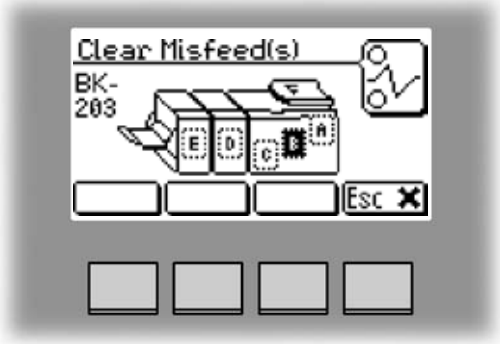
Clearing misfeed(s)

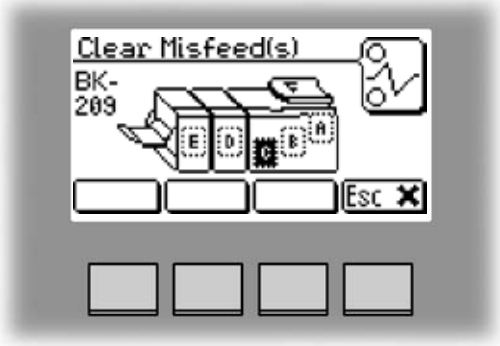
Inside the Booklet Maker



To clear a misfeed indicated in Area A or B

1. Open the top cover.
2. Remove misfed sheets.
3. Close the top cover.





To clear a misfeed indicated in Area C

1. Open the top cover.
2. Close top cover.

If misfeed condition remains:

1. Switch off the main power.
2. Switch on the main power.

If misfeed condition remains:

1. Switch off the main power.
2. If a Trimmer is installed, first remove the trim bin to get access to the fold stop. By hand, pull down the fold stop (page 8, item 9).
3. Remove misfed sheets.
4. Push the fold stop back into the upper position.
5. Switch on the main power.

Trimmer

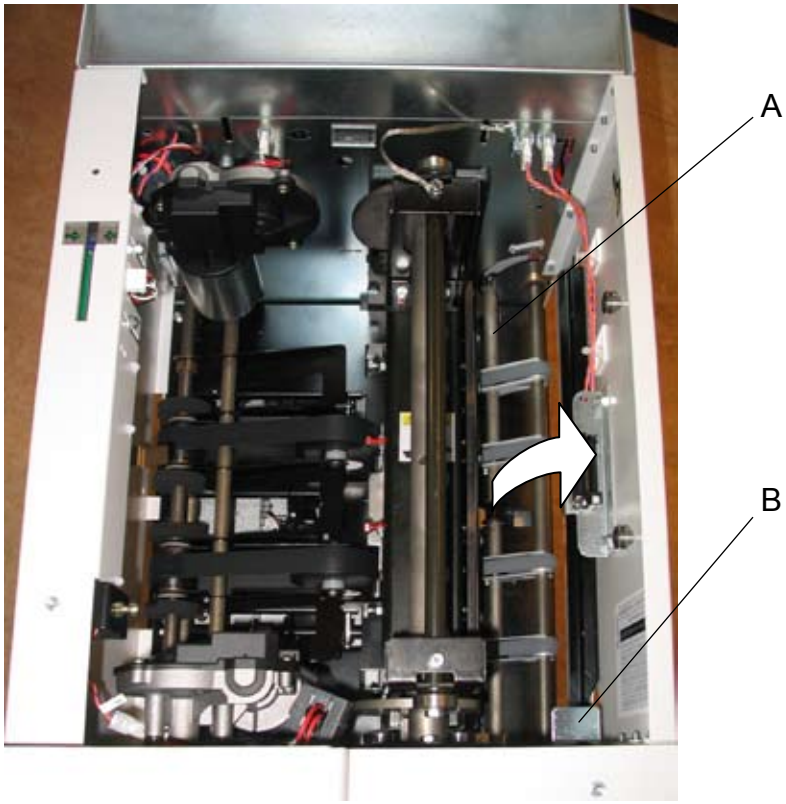
Clearing misfeed(s)

The upper trimmer blade on the trimmer is protected by a knife protection plate that moves away during the cutting stroke. Jams can occur in the input area or the exit area.

⚠ ***WARNING:***
Never put fingers or other parts of the body between the upper and lower trimmer knives.

Clearing misfeed in input area

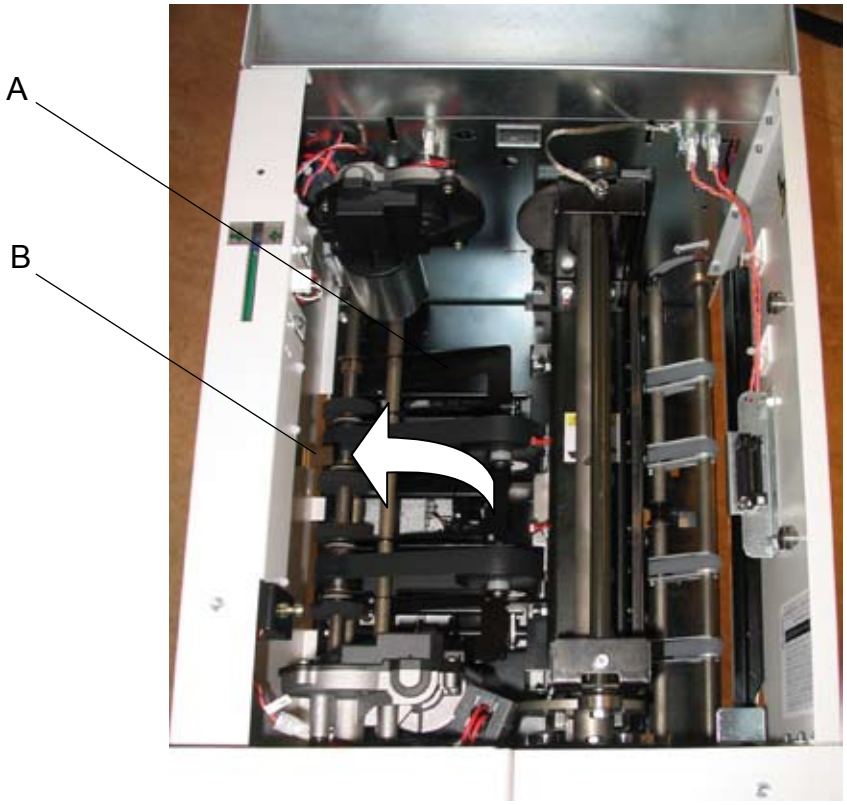
1. Remove the Trimmer fan (see page 12, item 7).
2. Lift up the infeed roller shaft (A).
3. Secure under latch (B)
4. Remove the misfed sheets in the infeed area.
5. After the misfed sheets are removed, lift up the latch (B) and place the infeed roller shaft into operating position.



Clearing misfeed(s), continues

Clearing misfeed in exit area

1. Lift the exit compressing brackets (A).
2. Secure them under the latch (B).
3. Remove the misfed sheets from the exit area.
4. After the misfed sheets are removed, lift up the latch (B) and place the compressing brackets in operating position.



Cover Feeder

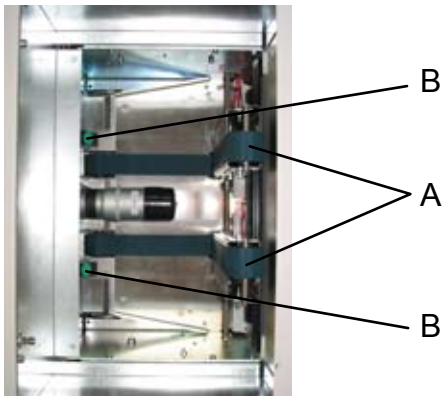
Clearing misfeed(s) in vertical transport area

1. Open the Top Cover.
2. Lift the jam clearance baffle (A).
3. Remove the misfed cover.
4. Put the jam clearance baffle back in normal position.

Book Folder

Clearing misfeed(s)

Inside the Book Folder



1 Open the top cover.

2 Lift up both upper feed belts (A).

Note

Press the green dots (B) on the latches to release.

3 Remove the misfeeds.

4 Place the upper feed belts in normal position.

5 Close the top cover.

Exit area

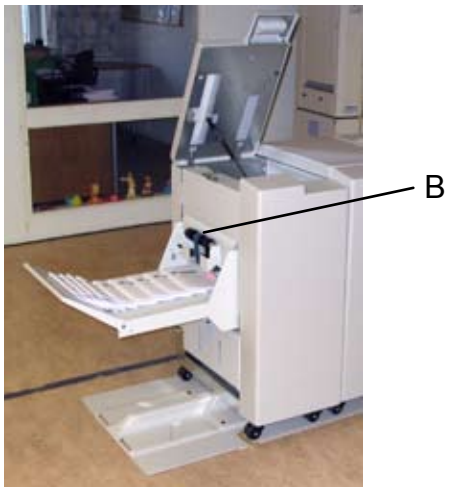
1 Open the top cover (A).

2 Lift up the cover (B) of the Belt stacker.

3 Remove the misfeeds.

4 Place the cover in normal position.

5 Close the top cover.



6. Troubleshooting

Fault codes

General

When there is a misfeed or fault condition in the booklet maker system, a message will be displayed on the Booklet Maker. In case there is a problem that can be rectified by the operator, a fault code and an explanation will be displayed.

Fault codes that can be rectified by the operator:

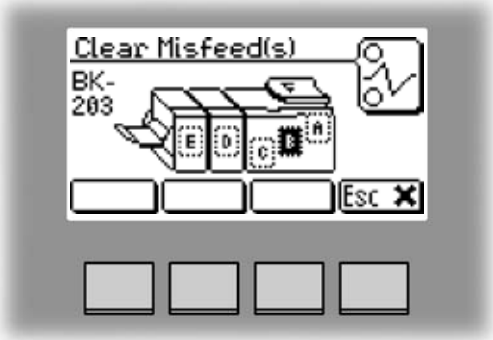
Booklet Maker: BK-201 to BK-212 and BK-401
Trimmer: TR-201 to TR-204 and TR-401
Cover Feeder: CF-201 to CF-205, CF-401, CF-501 and CF-502
Book Folder: BF-201 to BF-206.

BK-201 to BK-210	indicates “Clear Misfeed(s)” in the Booklet maker
BK-211	indicates that the set is too thick to be folded
BK-212	indicates to remove purged set in Booklet maker
BK-401	indicates “Check staple(s)” in the Booklet maker
TR-201 to TR-204	indicates “Clear Misfeed(s)” in the Trimmer
TR-401	indicates “Empty Trim bin” in the Trimmer
CF-201 to CF-205	indicates “Clear Misfeed(s)” in the Cover feeder
CF-401	indicates “Out of covers” when there is no more cover sheets in the Cover feeder. How to clear, see Cover feeder fault codes
CF-501	indicates “Cover low” when the Cover feeder is almost out of Covers. How to clear, see Cover feeder fault codes
CF-502	indicates that there is a format mismatch between the cover sheets and the sheets sent from the copier.
BF-201 to BF-206	indicates “Clear Misfeed(s)” in the Book Folder

Note
If procedures in this manual do not rectify the problem an authorized technician will be needed.

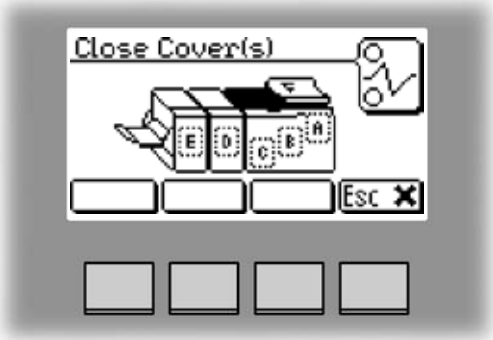
General fault codes

Clear Misfeed(s)



In general, fault codes indicate a misfeed condition. When a misfeed occurs, the message “Clear Misfeed(s)”, a code and the jam area will be displayed. See section 5. Clearing Misfeeds, for how to clear a misfeed.

Close cover(s)



When the message “Close Cover(s)” is displayed any of the interlock switches are actuated.

1. Check that the top cover is in down position.
2. Make sure that the cover of the Belt Stacker is in normal position, see section 5, Clearing Misfeeds, Exit area.

Booklet maker fault codes

Check staples

This message will be displayed when a staple cartridge is empty or when stapling could not be performed. Check in the following order:
– If a staple cartridge is empty, replace according to section 1. Basics.
– If staple cartridges are OK; remove the set and check that the number of sheets is within specifications.
– If staple cartridges are OK and set is within specifications; remove and check stapler head according to section 1. Basics.

Set too thick

This message will be displayed when the set sent from the copier is outside Booklet Maker specifications. Open the top cover, remove the set and close the top cover.

Trimmer fault codes

Trim bin full

This message will be displayed when the trim bin is full or when a trim strip, due to static electricity, is prevented from falling down into the trim bin. Empty the trim bin and remove loose trim strips from inside the Trimmer. See section 1. Basics for how to remove the trim bin.

Cover feeder fault codes

Misfeed

This message will be displayed when the Cover feeder could not feed a cover from the paper bin. Check cover loading according to section 2. Making Booklets. If problem persists, clean separator pad according to section 7. REMARKS.

Double feed

This message will be displayed when the Cover Feeder detects that more than one cover was fed from the cover bin. If more than one cover was fed, check cover loading according to section 2. Making Booklets. If the covers that are fed are thick, with dark print or with mixed prints on the covers, double feeding may be displayed even if that is not the case. Turn off double sheet detection according to section 3. Tools.

Cover feeder fault codes, continues

Load covers

Code CF-501 is displayed when covers run low.

If you wish to continue production:

1 Load more cover sheets according to section 2. Making Booklets.
Code CF-501 will extinguish and copier will start.

If you wish to continue production, using up the cover sheets that are loaded:

1 Press ESC. Code CF-501 will extinguish and copier will start.

Code CF-401 is displayed when covers are empty.

If you wish to continue production:

1 Load more cover sheets according to section 2. Making Booklets.

If cover job is finished and you wish to run a new job without covers:

1 Select Cover Off in the Cover menu.

2 Open and Close BK5010 Top Cover.

Book Folder fault codes

Feed errors

If feed errors occur, the feed belts needs to be cleaned or the pressure on the upper feed belts needs to be increased. To clean the feed belts, see section 7, REMARKS Maintaining Your Machine. To increase the pressure on the upper feed belts follow this procedure.

1. Open the top cover.
2. Place both springs in the upper position.
3. Close the top cover.

Spring in normal position

Spring in upper position

7. REMARKS

Do’s And Don’ts

- Always follow all warnings marked on, or supplied with, the equipment.
- Always exercise care in moving or relocating the equipment.

⚠ Caution:

- Unplug the powercord from the wall outlet and machine before you move or relocate the equipment.
- Do not remove the covers or guards that are fastened with screws.
- Do not override or bypass electrical or mechanical interlock devices.
- Do not operate the equipment if you notice unusual noises or odors. Disconnect the powercord from the power source and call your authorized technician to correct the problem.

⚠ Warning:

- Do not put fingers or other parts of the body between the upper and lower trimmer knives.
- Do not switch off the main power switch while machine is running. Make sure machine cycle has ended.
- Do not open covers while machine is running.
- Do not move machine while machine is running.

Where to put Your Machine

Machine environment

- Always locate the equipment on a solid support surface with adequate strength for the weight of the machine.
- Always keep magnets and all devices with strong magnetic fields away from the machine.

If the place of installation is air-conditioned or heated, do not place the machine where it will be:

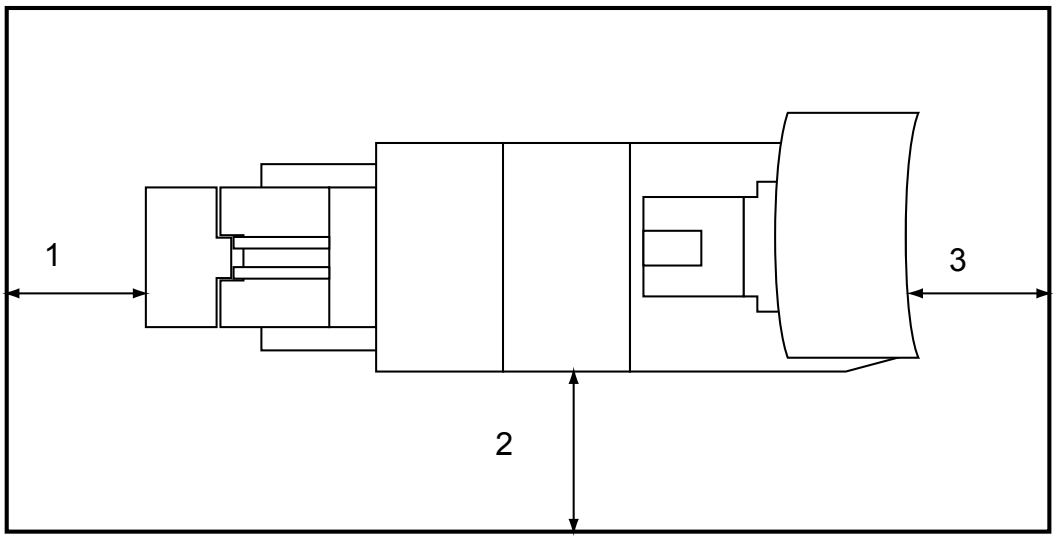
- Subjected to sudden temperature changes.
- Directly exposed to cool air from air-conditioner.
- Directly exposed to heat from heater.

Power connection

- **Always** connect the equipment to a properly grounded power source. If in doubt, have the power source checked by a qualified electrician.
- **WARNING:** Improper grounding of the equipment can result in electrical shock.
- **Never** connect the machine to a power source that lacks a ground connection terminal.

Access to machine

Place the machine near the power source, providing clearance as shown.



1. Left: more than 400 mm / 15 3/4”.
2. Front: more than 555 mm / 21 7/8”
3. Right: more than 400 mm / 15 3/4” (off-line use).

Maintaining Your Machines

Never attempt any maintenance function that is not specifically described in this documentation.

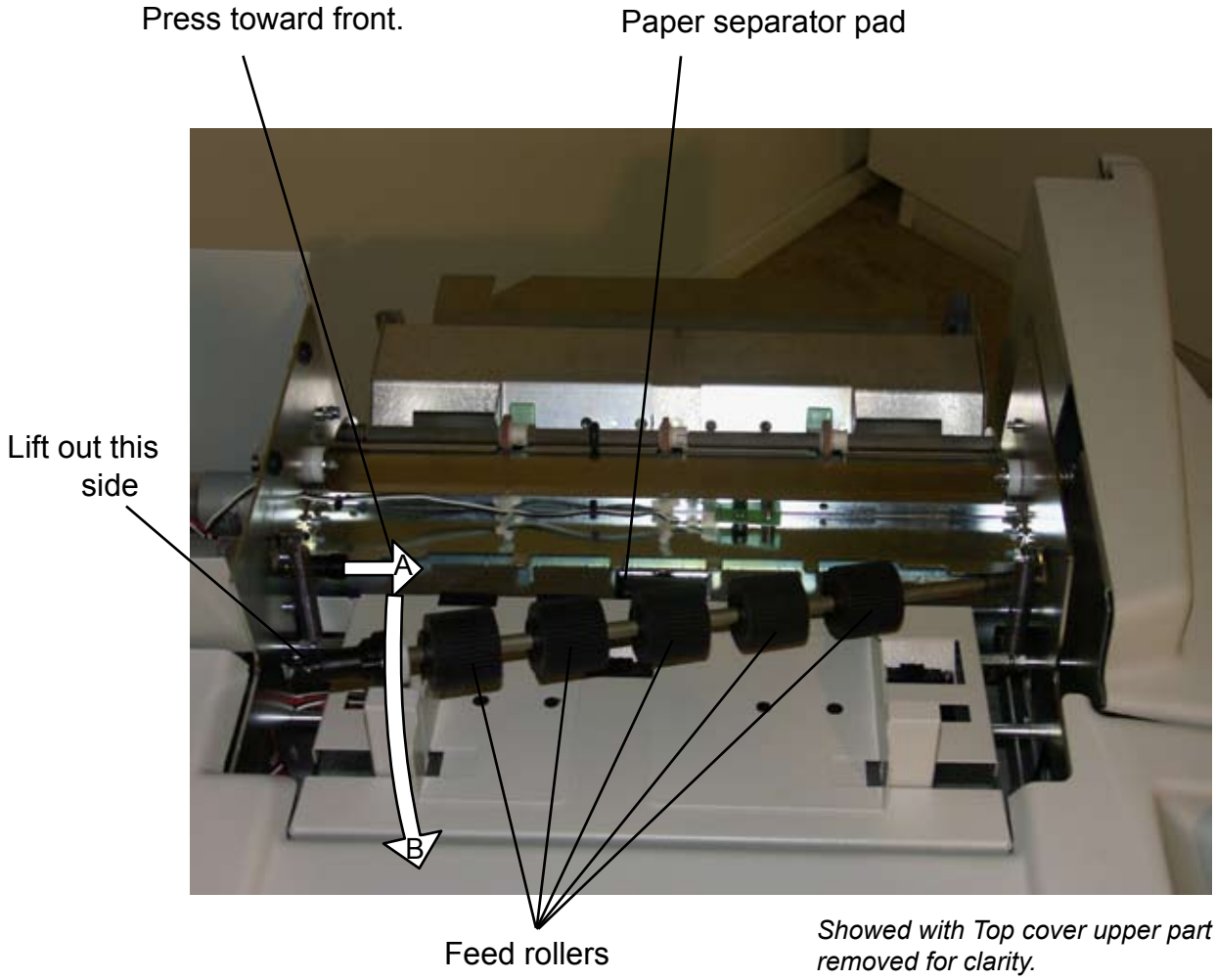
Cover Feeder

Cleaning feed rollers and paper separator pad

The Feed rollers need to be cleaned regularly when in use, and if the unit has not been used for a period of time. How often this should be done, depends on the paper type and print quality.
An increasing number of misfeeds, or double feeds, is one indication of the need to clean the Feed Rollers.

1. Remove the feed roller assembly by pressing it to the front of unit (A). The left end of the feed roller assembly will now be released (B) and the assembly can be removed.

2. Clean the Feed rollers and the Paper separator pad with water and a clean lint free cloth.



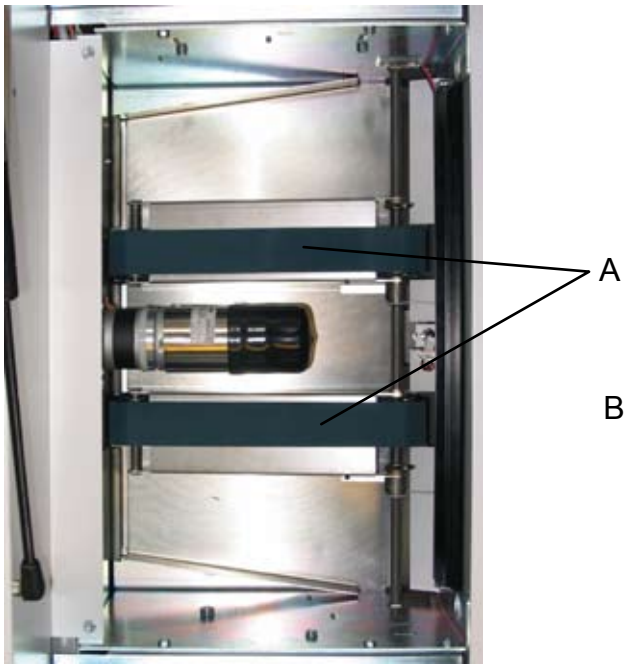
Showed with Top cover upper part removed for clarity.

Book Folder

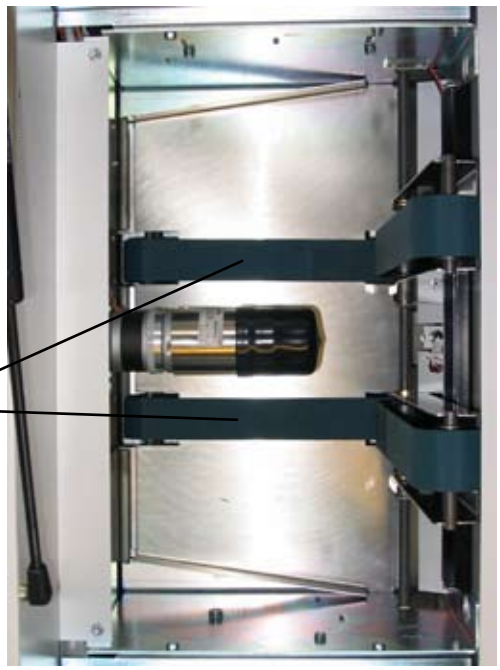
Cleaning feed belts

The Feed belts need to be cleaned regularly when in use, and if the unit has not been used for a period of time. How often this should be done, depends on the paper type and print quality.
An increasing number of misfeeds is one indication of the need to clean the Feed belts. Clean the feed belts with water and a lint free cloth.

1. Open the top cover.
2. Clean the upper feed belts (A). The upper feed belts can easily be rotated in either direction.
3. Lift up the upper feed belts to access the lower feed belts.
4. Clean the lower feed belts (B). Rotate the lower feed belts towards the outfeed side for complete cleaning.
5. Place the upper feed belts in normal position.
6. Close the top cover.



Upper feed belts in normal position.



Upper feed belts lifted up.

8. Specification

Machine Specifications

Booklet Maker BK5010

Major Specifications

	Specifications	Remarks
Speed (Online usage)	Maintain engine speed (actual depends if engine is 90, 110 or 135 ppm version).	Actual speed in number of booklets (per min / hour) depends on number of sheets per booklet.
Maximum Speed	1800 booklets / hour (A4 / 8.5x11”) 1800 booklets / hour (A3 / 11x17”)	
Standard Paper Sizes	A4, A3, B4, 8.5x11”, 8.5x14”, 11x17	Custom sizes are available
Paper Size (Minimum)	Width 206mm / 8.1” Length 275mm / 10.8”	
Paper Size (Maximum)	Width 320mm / 12.6” Length 457.2mm / 18”	
Paper Weight (Minimum)	64gsm/16 lb. Bond	
Paper Weight (Maximum)	300gsm / 172 lb. Index / 115 lb. Cover	Engine Duplex: 216 gsm
Input / Output Sheets	1 – 30 Sheets (80 gsm / 20 lb. Bond, equivalent) TBD	Stapled
Input / Output Sheets	1 – 2 Sheets	Non Stapled Folding
Off-line Use	Possible	Stitch / Fold (2 staples)
Weight	130 kg / 286.6 lb	
Dimensions (L x H x D)	1420 x 970 x 700 mm / 55.9 x 38.2 x 27.6”	Incl. Base and Stacker
Power Source	100 / 110 / 115 / 127 / 220 / 230 50-60Hz	+ - 10%
Power consumption	200 W or less	Continuous Operations

Cover Feeder CF5010 (option)

	Specifications	Remarks
Maximum Speed	Same as BK5010	A3/11x17” or bigger paper sizes, need two sheet sets as inlet at least
Standard Paper Sizes	Same as BK5010	
Paper Weight (Minimum)	70 gsm / 18 lb. Bond	
Paper Weight (Maximum)	Same as BK5010	
Cover Feeder Capacity	20 mm (approx 200 sheets of 80 gsm paper) 13/16” (approx 200 sheets of 20 lb. Bond paper)	
Off-line Use	Possible	(Together with Booklet maker)
Weight	7 kg / 15.4 lb or less	
Dimensions (L x H x D)	310 x 190 x 530 mm / 12.2 x 7.5 x 20.9”	
Power Source	From BK5010	

Trimmer TR5010 (option)

	Specifications	Remarks
Speed	Same as BK5010	
Standard Paper Sizes	Same as BK5010	Custom sizes are available
Default trim length	4.5 mm / (11/64”)	Adjustable in 0.5 mm steps
Minimum trimming	1 mm / (0.0394 in)*	Adjustable in 0.5 mm steps
Maximum trimming	16 mm (0.63”)	Adjustable in 0.5 mm steps
Paper Weight (Minimum)	Same as BK5010	
Paper Weight (Maximum)	Same as BK5010	Engine Duplex: 216 gsm
Input / Output Sheets	Same as BK5010	
Input / Output Sheets	Same as BK5010	
Off-line Use	Possible	(Together with Booklet maker)
Weight	65 kg / 143.3 lb or less	
Dimensions (L x H x D)	360 x 900 x 620 mm / 14.2 x 35.4 x 24.4”	
Power Source	From BK5010	

* When trimming SRA3 (450 mm) Booklets minimum trimming is 5 mm, when trimming 18” Booklets minimum trimming is 9 mm.

Book Folder BF5010 (option)

	Specifications	Remarks
Speed	Same as BK5010	
Standard Paper Sizes	Same as BK5010	Custom sizes are available
Paper Weight (Minimum)	Same as BK5010	
Paper Weight (Maximum)	Same as BK5010	
Input / Output Sheets	Same as BK5010	
Input / Output Sheets	Same as BK5010	
Off-line Use	Possible	(Together with Booklet maker & Trimmer)
Weight	52 kg / 114.6 lb	
Dimensions	360 x 900 x 620 mm / 14.2 x 35.4 x 24.4”	
Power Source	From BK5010	

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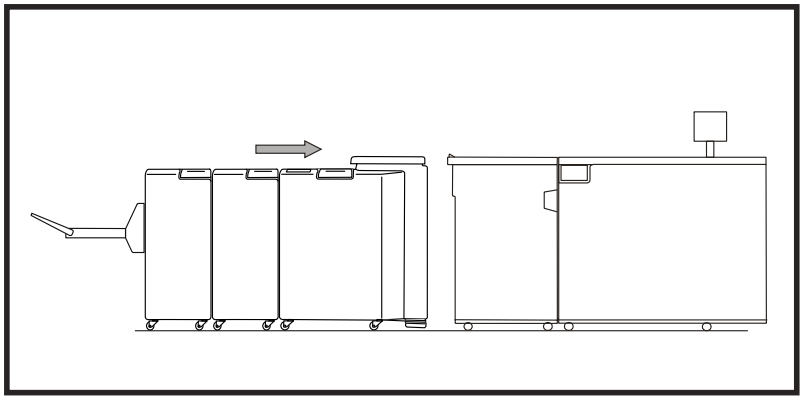

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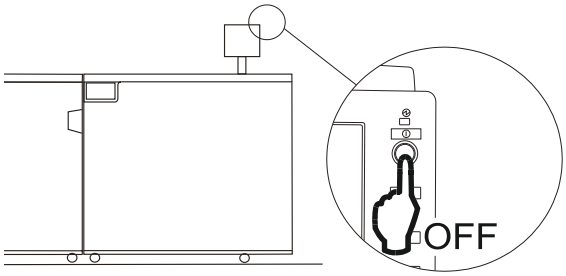

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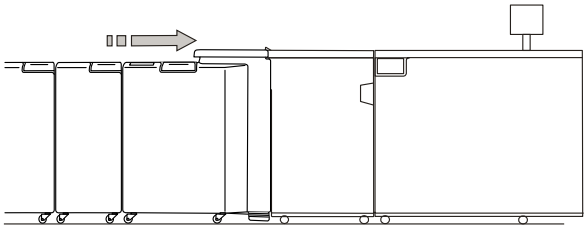

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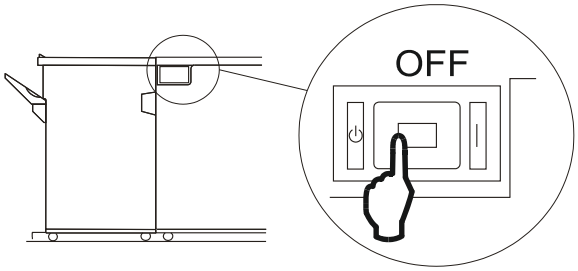

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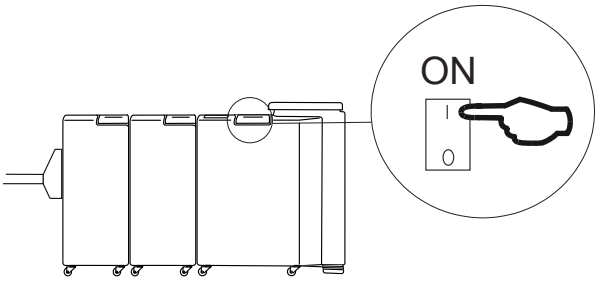

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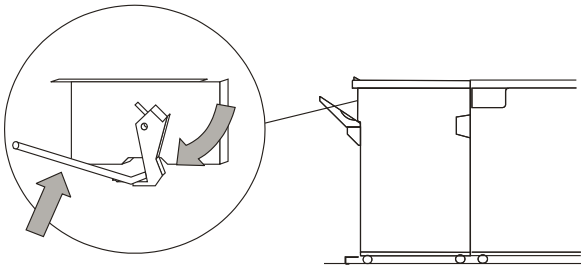

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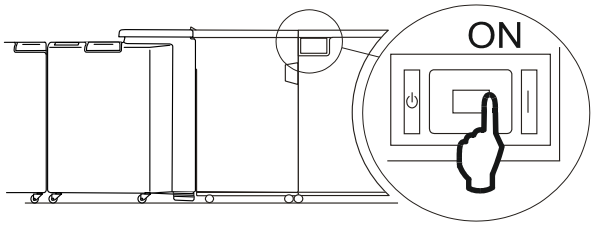

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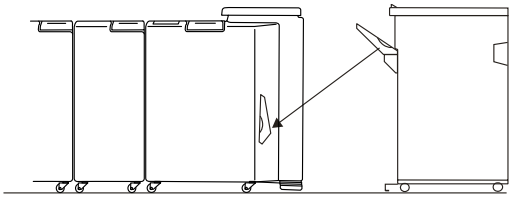

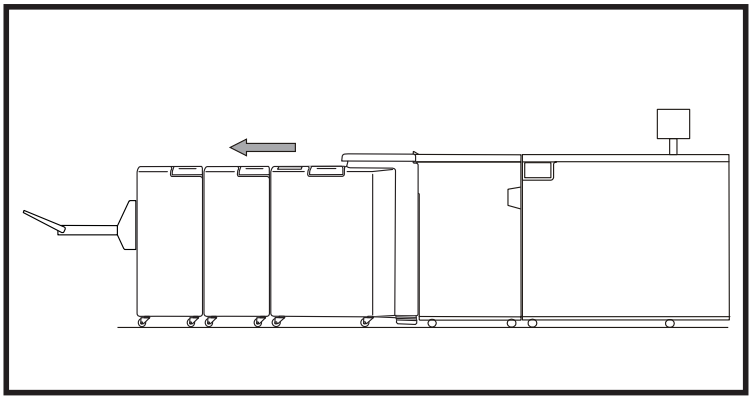

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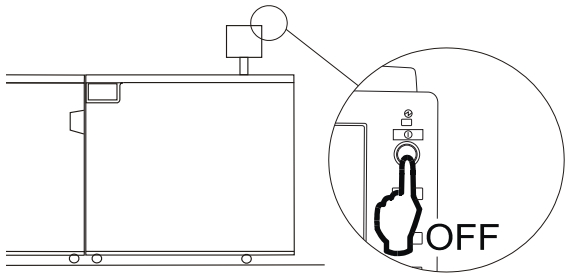

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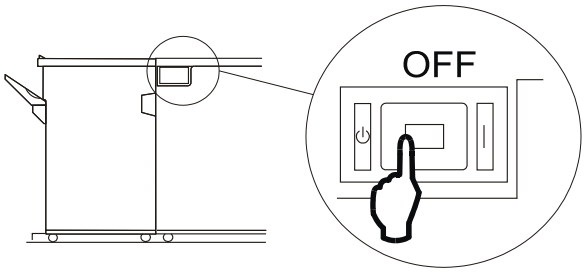

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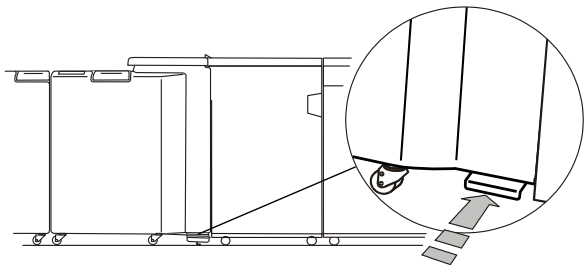

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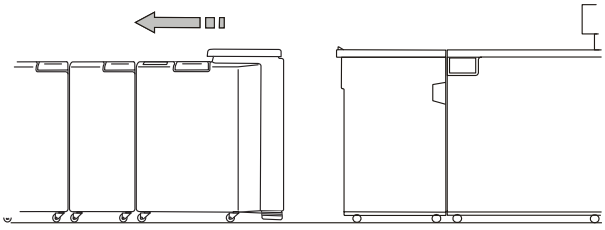

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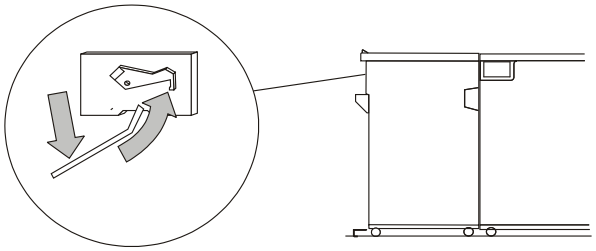

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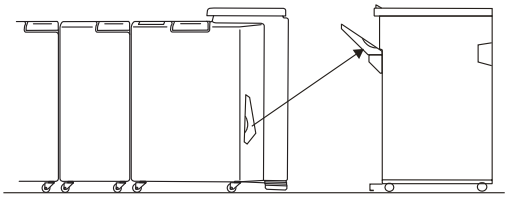
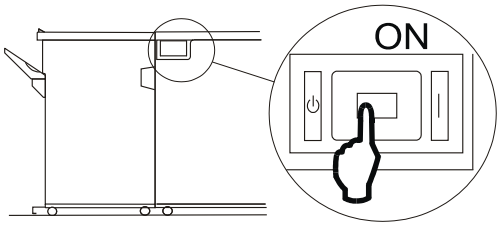
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