



COVERBIND ACCEL ULTRA/ULTRA+ Document Finishing System

Operator's Manual

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1. Safety Instructions

Please read these safety notes carefully before using this product.

The equipment and recommended supplies have been designed and tested to meet strict safety requirements. These include safety agency approval, and compliance to established environmental standards. Please read the following instructions carefully before operating the equipment and refer to them as needed to ensure the continued safe operation of your equipment.

In order to guarantee perfect binding of your documents, only Coverbind original covers can be used with this machine.

Safety Instructions

Always follow the safety instructions below when using the machine.

Symbols:



The "Important Symbol" means that if you do not follow these instructions, the paper feed can go wrong, the covers can be damaged, or the result can be unsatisfactory in some other way.



This WARNING alerts users to areas of the equipment where there is the possibility of personal injury.



The "Prohibited symbol" denotes actions that you are not allowed to do.



The "Mandatory symbol" denotes actions that you must do.

Examples:



This WARNING alerts users to areas of the equipment where there are heated surfaces, which should not be touched.



Prohibited. Do not dismantle.



Mandatory. Disconnect the mains cable.

Warnings:

The machine must be connected to a power supply that complies with the specifications in section 9 of this manual.



The mains cable must not be damaged, destroyed, or modified in any way. Do not put heavy objects on the mains cable.



Do not remove any covers or screws on the machine. There is high voltage in some parts inside the machine. Contact with these parts can cause a severe electric shock. If the machine needs adjusting or repairing, ask your service representative for help.



If the machine appears to be damaged, stops functioning, starts smoking, or smells peculiar, immediately disconnect the mains cable from the wall socket. Do not continue to use the machine in this condition. Contact your service representative.



Do not put any metal objects or objects containing liquids (e.g. vases, flower pots, coffee mugs, etc.) on the machine. If the liquid contents are spilt into the machine, there will be a risk of fire and electric shock.

Electrical Supply

This equipment shall be operated from the type of electrical supply indicated on the equipment's data plate label. If you are not sure that your electrical supply meets the requirements, please consult your local power company for advice.



WARNING

This product must be connected to a protective earth circuit.

This equipment is supplied with a plug that has a protective earth connection. This plug will fit only into an earthed electrical outlet. This is a safety feature. To avoid risk of electric shock, contact your electrician to replace the electrical outlet if you are unable to insert the plug into it. Never use an earthed adapter plug to connect the product to an electrical outlet that lacks an earth connection terminal.

Use an outlet that contains surge suppression or ground fault protection. For added protection during a lightning storm, or when the binder is left unattended and unused for long periods of time, unplug it from the wall socket.

Product Recycling and Disposal

European Union

Disposal Information



Application of this symbol on your equipment is confirmation that you must dispose of this equipment in compliance with agreed national Procedures.

In accordance with European legislation end of life electrical and electronic equipment subject to disposal must be managed within agreed procedures.

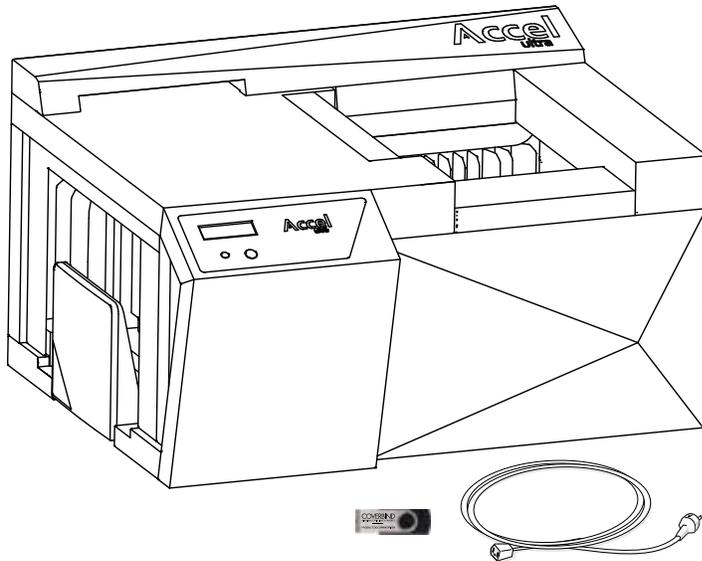
Prior to disposal please contact your local dealer or Coverbind representative for end of life take back information.

Other Countries

Please contact your local waste authorities and request disposal information.

2. Installation

Besides the binding machine, the packaging should contain the following:



- Operator's Manual - printed version and in USB Memory Stick
- Mains cable
- 13mm wrench
- Safety Instructions

Preparations

1. Check that the items listed above are all included.
2. Remove the Coverbind Accel Ultra/Ultra+ from the packaging materials as described in the instructions printed on the outside of the box.
3. Find a suitable working space or workbench for the Coverbind Accel Ultra/Ultra+. Recommended height of the workbench is 400-600 mm (15.5" - 23.5").
4. Place the machine on the workbench with sufficient free area as work space. The workbench height will ensure the most comfortable working position when loading documents.
5. Plug the mains cable first into the machine and then into the wall outlet.
6. Press the control on the machine marked with the symbol 
7. Check that the Coverbind Accel Ultra/Ultra+ starts and that the following message is shown on the display:



INSERT COVERS
PRESS START

To change language, see section 5.

7. After you have read the Operator's Manual and understand how to use the product, Your Coverbind Accel Ultra/Ultra + is now ready for use.

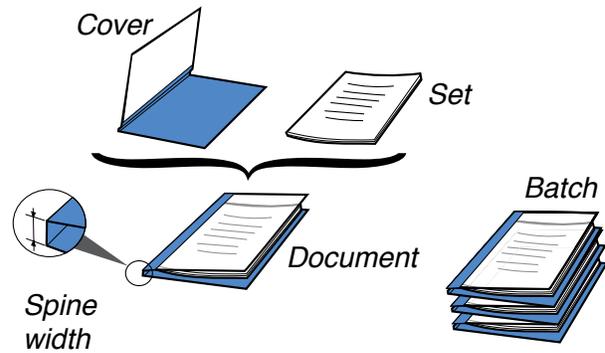
-  Do not place the binder in an enclosure such as a cabinet without proper ventilation.
Do not stack the binder on top of or below, other electronic devices.
Do not overload wall outlets or extension cords, as this can result in a risk of fire or electrical shock.

3. Description

Terminology

In this manual and in the Quick Guide, the Coverbind cover is referred to as cover and the set of papers is referred to as the set. When the set is put into the cover, this is referred to as a document.

When a number of documents are piled on each other, this is referred to as a batch.



The machine consists of five main parts: Cover selector, Display, Input bay, Binding unit, and Output tray.

Cover Selector

The cover selector comprises a slot into which you insert the set of papers to be bound, short side first.

A sensor measures the thickness of the set and the recommended type of cover is then shown on the display.

Note that freshly printed sets will not represent the real thickness of the document. For accurate readings paper brand, grammage and de-aired sets should be considered.

Display

The display shows what is happening in the machine. A number of user functions can be selected using the two control-buttons on the panel. (See also section 5 "User settings".)

Input bay

Insert the set of papers into the selected cover. This is now called a document (cover with a set of papers).

Now load the document into the input bay with the spine downwards as shown on the label.

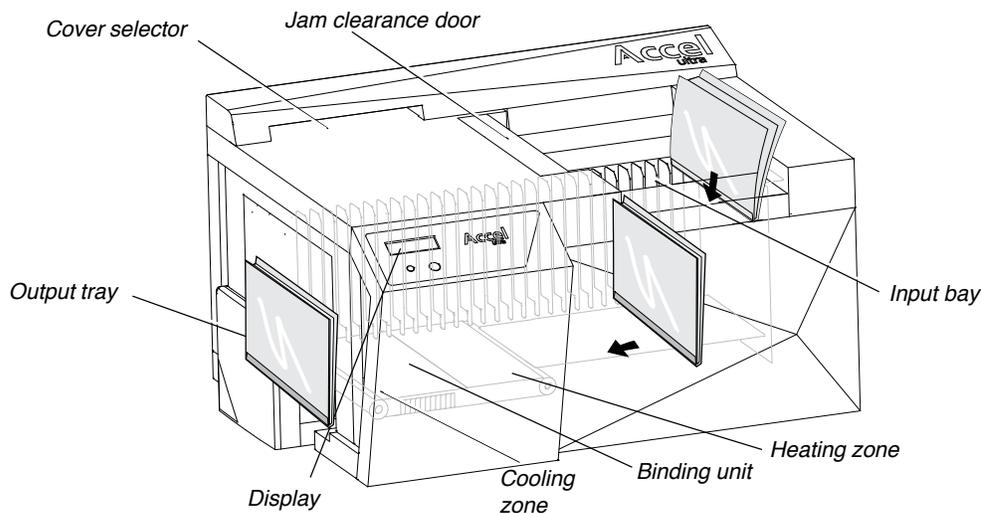
Press START to begin feeding and binding of documents. If the binding machine stops for some reason, the jam clearance door in the input bay can be lifted and the document removed. The machine then needs to be restarted after the Jam clearance door has been closed. (See also section 7 "Clearing and emptying".)

Binding unit

The document is first jogged and then transported into a heating zone where the glue in the cover melts. Then the document passes through a cooling zone, and the glue binds the pages together in the cover.

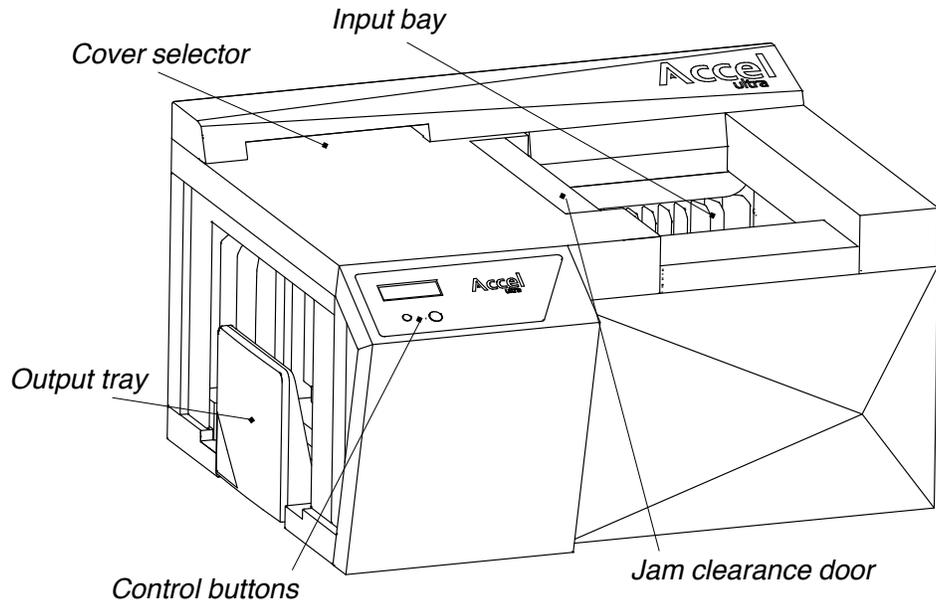
Output tray

The output tray moves outwards as the finished documents are fed into it. An audible signal is heard when the output bay is nearly full. A message is also shown on the display which alerts the user to remove the document from the output tray.



4. How to use the Coverbind Accel Ultra/Ultra+

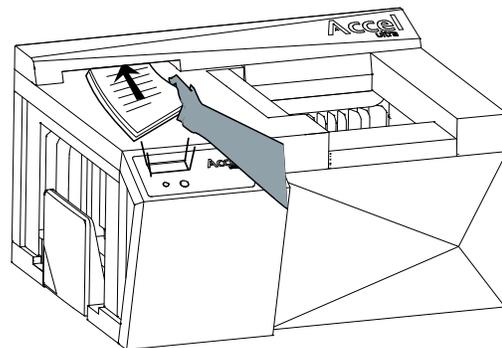
Following are the most important parts of the machine that you should be familiar with. The four (4) steps to complete a binding, are also shown on the labels located on the top of the machine.



1. Start the machine by pressing on .
The display asks you to measure the thickness of the set.

INSERT COVERS
PRESS START

2. Measure the thickness of the set of papers to be bound, by inserting the short side of the set into the cover selector.
(Not available on the Accel Ultra+)



3. The recommended cover size (spine width) is shown on the display.
(Not available on the Accel Ultra+)

USE COVER 1/16"

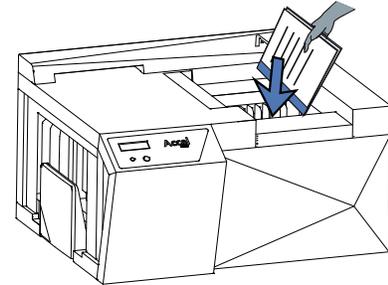
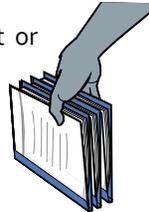
4. Load the set of the papers in the selected cover.



5. Documents (cover and set) can always be loaded into the machine for binding. Documents can be loaded one by one or in batches.

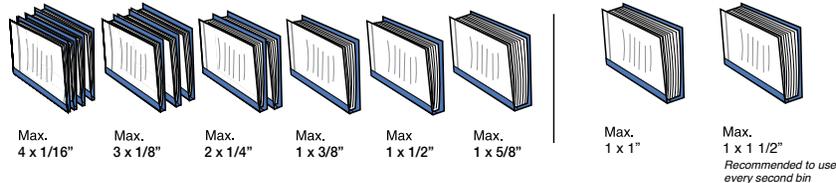
Press START to begin feeding and binding of documents. The machine automatically switches to the energy saving mode after 15 minutes.

The machine confirms in the display that a document or batch has been accepted for binding.



When a batch of documents is loaded into the machine, the number of documents per compartment should be limited as shown below.

Exceeding these numbers may compromise the strength of the bind, or cause the machine to stop.

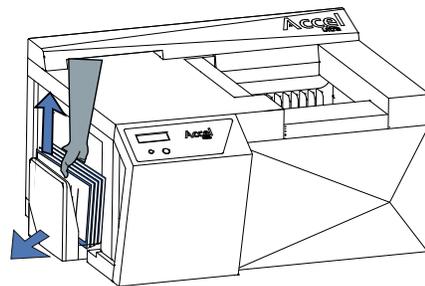


6. Remove the bound documents from the output tray. They are ready to be used. Note that full binding strength is achieved only when the documents have cooled down to room temperature.

By default setting, the normal processing time is approx. 60 seconds for the first document. The continuous binding capacity is up to 58 documents per minute.

NOTE! Depending on the type of paper used, the speed of binding can be increased in steps. The default speed is "1" and it can be changed from "1" to "6". For challenging papers longer binding times are recommended. Higher speed number's are representative of longer bindings periods.

(See section "How to select speed of binding")



SPEED		Spine and max covers per feeding - ULTRA						ULTRA+
		4 1/16"	3 1/8"	2 1/4"	1 3/8"	1 1/2"	1 5/8"	
TABS "OFF" (optional)	1	58	43	29	14	14	14	3/4" - 1 1/2"
	2	42	32	21	11	11	11	
	3	33	25	17	8	8	8	
	4	28	21	14	7	7	7	
	5	24	18	12	6	6	6	
	6	21	15	10	5	5	5	
TABS "ON" (optional)	High	25	19	12	6	6	6	6
	Normal	18	14	9	5	5	5	5

5. User settings

The user can change four parameters in User Settings.

User Settings can only be entered when the machine is not binding.

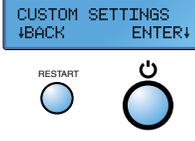
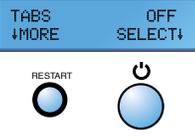
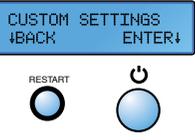
How to run Tabs (optional upon request)

The default Tab setting for your Coverbind Accel Ultra/Ultra+ is OFF.

This function disables top jogging.

To change Tab mode to ON proceed as follows:

Note that the English language is always used in the "User Settings" mode.

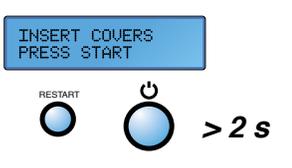
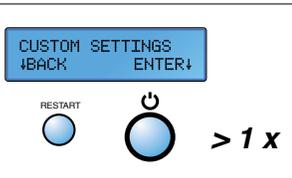
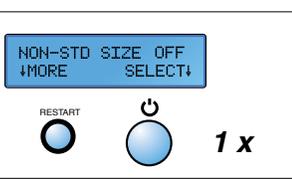
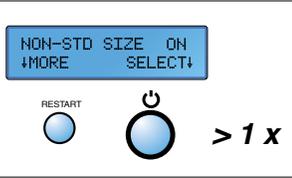
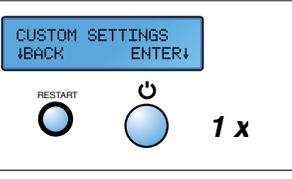
1.		Start the machine by pressing on  . Press and hold down the RESTART and  control for at least 2 seconds. The temporary functions of these two controls are now shown on the lower line of the display.
2.		Press the control below Enter (i.e. the  control) once .
3.		Press the control below More (i.e. the RESTART control) once to turn Tabs mode ON.
4.		Press the control below Select (i.e. the  control) repeatedly until the Custom Setting menu is shown on the display.
4.		When satisfied with the settings, press the control below Back (i.e. the RESTART control) once .
6.		The desired Tab mode has now been selected.

How to select the Non-Standard size

The default Non-Standard size setting for your Coverbind Accel Ultra/Ultra+ is OFF.

To change Non-Standard Size mode to ON proceed as follows:

Note that the English language is always used in the "User Settings" mode.

1.		Start the machine by pressing on  . Press and hold down the RESTART and  control for at least 2 seconds. The temporary functions of these two controls are now shown on the lower line of the display.
2.		Press the control below Enter (i.e. the ) repeatedly until the Non-STD size menu is shown on the display.
3.		Press the control below More (i.e. the RESTART control) once to turn Non-STD size mode ON.
4.		Press the control below Select (i.e. the ) repeatedly until the Custom Settings menu is shown on the display.
4.		When satisfied with the settings, press the control below Back (i.e. the RESTART control) once .
6.		The desired Non-Standard size mode has now been selected.

How to select the speed of binding

The default speed setting for your Coverbind Accel Ultra/Ultra+ is 1.

Speed setting 1 should ONLY be used to bind standard non-coated office copy/print paper.

Speed setting 3 can be used to bind the above-mentioned paper type and is RECOMMENDED to be used for coated and other special paper types up to 100 gsm (28 lbs) to achieve optimum binding strength.

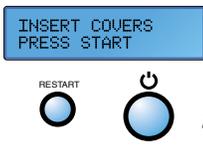
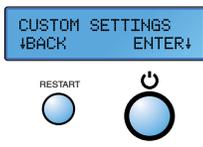
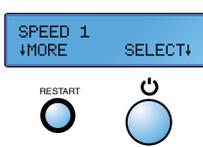
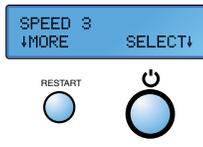
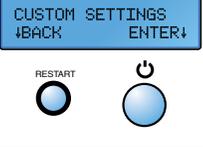
Special types may be heavy compressed, extra-smooth, special coated or thicker than usual paper which can require a higher speed setting than 3.

In doubt, always test the strength of your document by binding one set before you start production of your documents.

If Tabs or Non Standard Format function is enabled, the selectable speeds are then high and normal. High for standard non-coated office copy/print paper; Normal for the mentioned above and for coated/special papers types.

Select the speed of binding as follows:

Note that the English language is always used in the "User Settings" mode.

1.		Start the machine by pressing on  . Press and hold down the RESTART and  control for at least 2 seconds. The temporary functions of these two controls are now shown on the lower line of the display.
2.		Press the control below Enter (i.e. the ) repeatedly until the Speed of binding menu is shown on the display.
3.		Press the control below More (i.e. the RESTART control) repeatedly until the Speed of binding desired is shown on the display. (Speeds 1 to 6 can be selected)
4.		Press the control below Select (i.e. the ) repeatedly until the Custom Settings menu is shown on the display.
5.		When satisfied with the settings, press the control below Back (i.e. the RESTART control) once .
6.		The desired speed of binding has now been selected.

How to mute the beeper

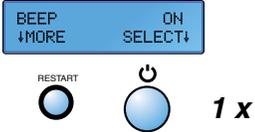
The default sound setting for your Coverbind Accel Ultra/Ultra+ is ON.

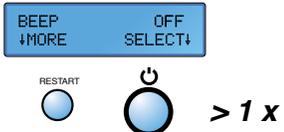
To mute the beeper proceed as follows:

Note that the English language is always used in the "User Settings" mode.

- 

1. Start the machine by pressing on . Press and hold down the RESTART and  control for at least 2 seconds. The temporary functions of these two controls are now shown on the lower line of the display.
- 

2. Press the control below Enter (i.e. the  control) **repeatedly** until the Beep menu is shown on the display.
- 

3. Press the control below More (i.e. the RESTART control) **once** to display the alternative beep function.
- 

4. Press the control below Select (i.e. the  control) **repeatedly** until the Custom Settings menu is shown on the display.
- 

5. When satisfied with the settings, press the control below Back (i.e. the RESTART control) **once**.
- 

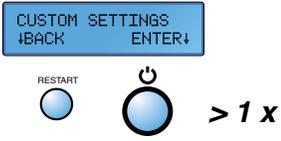
6. The desired beep mode has now been selected.

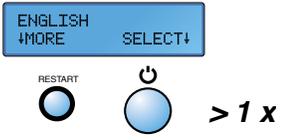
How to select the language

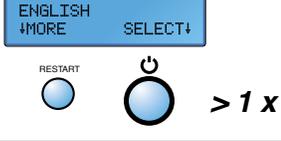
The default language setting for your Coverbind Accel Ultra/Ultra+ is English. Other languages can be selected as follows:

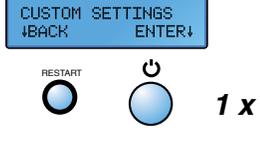
Note that the English language is always used in the "User Settings" mode.

- 

1. Start the machine by pressing on . Press and hold down the RESTART and  control for at least 2 seconds. The temporary functions of these two controls are now shown on the lower line of the display.
- 

2. Press the control below Enter (i.e. the  control) **repeatedly** until the Language menu is shown on the display.
- 

3. Press the control below Select (i.e. the RESTART control) **repeatedly** until the desired language is shown on the display.
- 

4. Press the control below Select (i.e. the  control) **repeatedly** until the Custom Settings menu is shown on the display.
- 

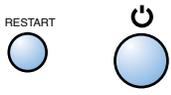
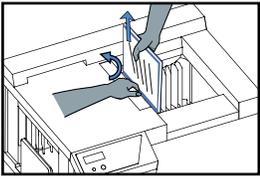
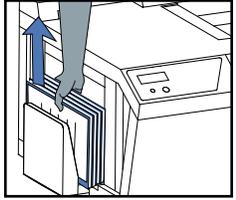
5. When satisfied with the settings, press the control below Back (i.e. the RESTART control) **once**.
- 

6. The desired language has now been selected.

6. Troubleshooting

Use these instructions to solve the most common operating problems with your Coverbind Accel Ultra/ Ultra+ binding machine:

NOTE! In order to guarantee perfect binding of your documents, correct speed of binding must be selected and only Coverbind original covers must be used. Other types of covers or incorrect usage of the machine can cause poor binding results or the machine may stop working, in which case an authorised service may be required.

Symptom:	Cause:	Action:
<p>The machine will not start. No text on display.</p>	<p>No power supply. Machine switched off.</p>	<p>Check the mains connection. Press RESTART or .</p> 
<p>Red light blinks. Buzzer alarm.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">DOCUMENT JAM REMOVE DOCUMENT</div>	<p>Cover has been inserted skew and is still activating sensors after motor cycle.</p>	<p>Remove document by lifting the jam clearance door. Check the thickness and quantity. Close the door and Press RESTART. Load the document again.</p>  
<p>Red light blinks Buzzer alarm (twice).</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">ALMOST FULL EMPTY TRAY</div>	<p>Output tray nearly full.</p>	<p>Remove documents from the output tray before loading more documents in the machine.</p> 
<p>Red light blinks. Buzzer alarm. Machine stops.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">OUTPUT TRAY FULL EMPTY TRAY</div>	<p>Output tray full.</p>	<p>Remove documents from output tray. The machine then automatically continues binding the documents that are already loaded.</p>
<p>Machine stops. Other error codes, e.g.:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">BINDER FAULT CALL SERVICE</div>		<p>Contact an authorised Coverbind partner. See also section 7 "Clearing and Emptying" about how to remove unbound documents from the machine.</p>

7. Clearing and emptying

If there is a mains power failure or if the binding machine stops functioning for some other reason, documents in input bay area and other unbound documents can be removed as described below. If there are unfinished documents in the machine when the power supply is restored, the machine will automatically move them forward to the output tray. They can then be re-loaded and bound.

If the binding machine breaks down, any documents should be cleared and removed from the machine before it is sent for service.



Clearing

If the display shows

DOCUMENT JAM
REMOVE DOCUMENT

remove all documents from the input bay.

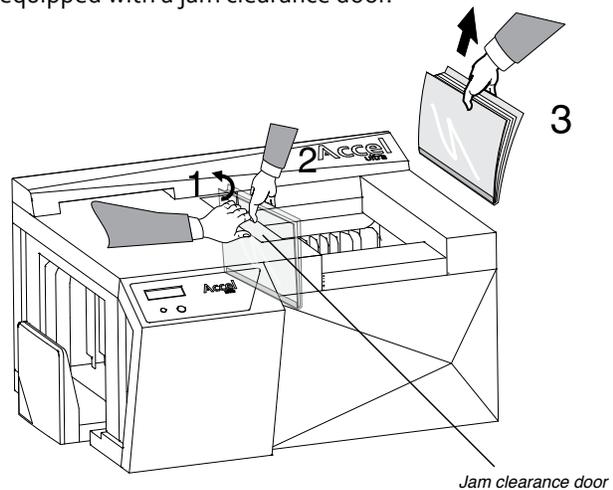
To facilitate removal of the documents, the machine is equipped with a jam clearance door.

Lift the jam clearance door with one hand (1).

Firmly grip the document(s) in the input bay and lift them (2) out of the machine (3).

Close the Jam clearance door

Press the RESTART control for the binding machine to return to normal operation.



Emptying



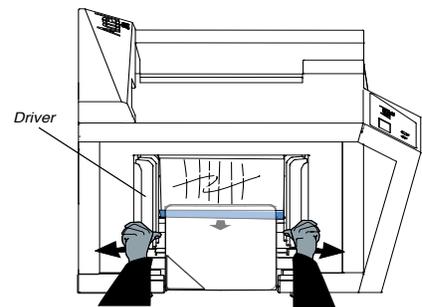
The binding machine only needs to be emptied manually in exceptional cases (e.g. if the machine breaks down or if there is an extended power failure).

Disconnect the mains cable before emptying the machine.



Wait for a while until the heating zone in the machine has cooled down.

Stand in front of the machine and hold both hands in the output tray, as shown in the figure below. Turn the outermost drivers on both sides outward using your thumbs so that the document is manually fed one step forward. This operation may require some force. The drivers are designed to withstand such force. Repeat the procedure to transport the remaining documents forward until the binding machine is empty.

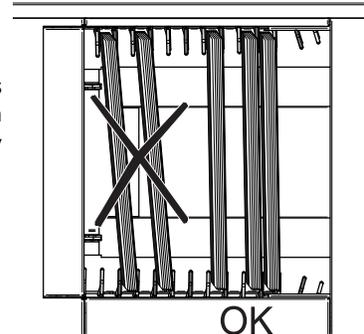


8. How to make the most of your binding machine



Avoid sheets sticking out!

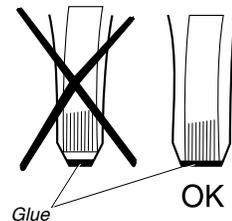
Tip: Put the covers perpendicular to the feeding direction, so the covers are jogged properly sideways in the binder. Use the color coding on the feeding compartments to make sure the covers are properly aligned.



Avoid loose pages!

Tip: Always use the cover selector to ensure you have the correct spine width and thus avoid loose pages.

If there are too many pages in a cover, the strip of glue will be insufficient for all the pages.



Do not pull out pages!

Tip: Allow the document to cool down. When the document is removed from the machine, it has cooled sufficiently to be handled and read, but do not test the strength of the binding immediately. A document with only a few pages reaches full strength after a few minutes. But a thicker document will require longer time to cool down and attain maximum strength, especially if the set of papers comes directly from a copying machine or printer.



Check that the paper you are using is suitable for binding!

Tip: When using coated, heavy compressed, extra-smooth or thicker than usual paper, we recommend that you first make a test binding to check that the strength of the bind is good enough. The strength of some special types of paper is very similar to ordinary copy paper whereas other types have characteristics that may reduce the strength of the binding. Using special paper for one or two pages in a document will usually not cause any problems.

Depending on the type of paper used, the speed of binding can be increased in steps. The default speed is "1" and it can be changed from "1" to "6". For challenging papers longer binding times are recommended. Higher speed number's are representative of longer bindings periods. (See section "How to select speed of binding")



Even jogging!

Tip: Always use the collating function on your copier/printer. On many copier/printers the sheets can be collated into sets and delivered in a special output tray. For binding, it is always positive to select the collating function. Normally the copier/printer jogs every sheet it collates. If the standard output tray of the copier/printer is used, static electricity in each sheet of paper may make it very difficult for the binding machine to jog the paper set properly. Such paper set could result in poor binding strength.



Avoid poor binding in the Accel Ultra + (1" - 1 1/2")!

Tip: For the Accel Ultra+, if the bindings are not satisfactory use every second bin. This will improve top jogging.

9. Specifications

General The Coverbind Accel Ultra/Ultra+ is a semi-automatic high-speed thermal binding machine that only accept usage of Coverbind DFS document covers.

Output capacity Up to 58 documents can be bound per minute depending on the spine width and the speed setting. The table below shows the output capacity versus the speed selection and covers per feeding. The corresponding output capacities for TABs are stated at the bottom lines of the table in covers per minute. We recommend from 1 1/4" spine to use every second bin in the Accel Ultra+. For more detailed information how to select speed, see section "How to select speed of binding".

SPEED		Spine and max covers per feeding - ULTRA						ULTRA+
		4	3	2	1	1	1	
		1/16"	1/8"	1/4"	3/8"	1/2"	5/8"	1
TABS "OFF" (optional)	1	58	43	29	14	14	14	3/4" - 1 1/2"
	2	42	32	21	11	11	11	
	3	33	25	17	8	8	8	8
	4	28	21	14	7	7	7	7
	5	24	18	12	6	6	6	6
	6	21	15	10	5	5	5	5
TABS "ON" (optional)	High	25	19	12	6	6	6	6
	Normal	18	14	9	5	5	5	5

Paper size Lettersize, 8.5" x 11"

Spine width and capacity The table below shows approximately how many sheets of 80grs paper the covers can hold for each spine thickness.

ACCEL ULTRA	1/16"	1/8"	1/4"	3/8"	1/2"	5/8"
	1-15	16-30	31-60	61-90	91-120	121-150
ACCEL ULTRA +	3/4"	1"	1 1/4"	1 1/2"		
	150-171	171-220	221-280	281-340		

Jogging The sheets of paper in the set are automatically jogged on three sides during the binding process.

Output tray capacity 8 – 50 documents depending on the spine width.

Binding temperature 330° F

Warm-up time 2-3 minutes depending on the ambient temperature and local variations in the power supply voltage.

Energy-saver mode 15 minutes after last document is bound.

Voltage 115 VAC +/- 10%

Power consumption

stand-by	137 W	mean value
binding	140 W	mean value
power saver	7 W	
heating up	630 W	

Environment Temperature 50 - 95 ° F, humidity 15 - 90% RH.

Dimensions

Length	29,5"
Width	25"
Input height	13"
Total height	17"

Weight 106 lbs

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FCC Declaration

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.