

Standard Accubind Pro Tape Binding Machine

Instruction Manual



Provided By

MyBinding.com®
When Image Matters.

Operators Guide

Standard
AccuBind^{Pro}TM
Thermal
Tape Binding
System



Device Data

Purchaser/customer:

Machine designation: STANDARD AccuBind Pro

Article code:108188 108168 (see rating plate)

Serial number:

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1 Safety Instructions

1.1 Information Regarding the Operating Instructions

Knowledge of the basic safety instructions is a prerequisite for the safe handling and successful operation of the device.

These operating instructions contain the necessary information to operate the device in a safe manner.

These operating instructions, and in particular the safety information, must be observed by everyone working on the device. Furthermore, the rules and regulations for the prevention of accidents that are valid at the site of installation have to be complied with.

The operating instructions can on no account replace thorough training and familiarization, but can only support these.

The dealer from whom you purchased your AccuBind Pro will gladly provide you with information regarding training courses for:

Operation

Maintenance and servicing

1.2 Operator's Obligations

The operator is should only allow persons to work on the device who:

- Have acquainted themselves with the instructions regarding occupational safety and the prevention of accidents and who have been instructed in handling the device.
- Have read and understood the chapter on safety and the warnings contained in these operating instructions.

1.3 Personnel Obligations

Persons who have been instructed to carry out work on the device commit themselves to:

- Comply with the regulations regarding occupational safety and the prevention of accidents;
- Have read and understood the chapter on safety and the warnings contained in these operating instructions before working with the device for the first time.

1.4 Dangers when Handling the Device

The AccuBind Pro has been constructed in accordance with the state-of-the-art and approved safety rules. Dangers may nevertheless arise for the user or third parties if the device is not used in accordance with the instructions or for another than the intended use.

It is also possible for the device or other material assets to be damaged. Malfunctions that may impair safety have to be eliminated without delay. The device may only be used:

- For the intended use.
- In a technically safe and faultless condition.

1.5 Intended Use

- ◆ The STANDARD AccuBind^{Pro} is a binding device for pads, pamphlets, catalogues and calendars with a spine length of DIN A5, DIN A4, and 11".
- ◆ Bindings may comprise *5 - 325 sheets (*with cover). Bind thickness maximum = 1.25" (33 mm).
- ◆ The device may exclusively be used for the possible applications described above. Any other use or use beyond the one described shall be considered as not being in accordance with the instructions or the intended use. The manufacturer shall not be liable for any damages resulting from this. The risk shall be borne by the user alone. Use in accordance with the instructions and for the intended use also includes compliance with the operating instructions and keeping to service and maintenance work schedules.

1.6 Warranty and Liability

- ◆ Any warranty and liability claims for personal injuries and damage to property shall be excluded if these may be put down to one or several of the following reasons:
- ◆ Use of the device that is not in accordance with the instructions and the intended use.
- ◆ Improper assembly, start -up, operation and maintenance of the device.
- ◆ Operating the device with defective and/or inoperable safety and protective devices.
- ◆ Non-compliance with the information in the operating instructions with regard to transport, storage, assembly, start -up, operation and maintenance of the device.
- ◆ Unauthorized constructional changes to the device.
- ◆ Unauthorized changes to the working conditions (performance, ...)
- ◆ Inadequate monitoring of system components that are subject to wear.
- ◆ Improperly conducted repairs.
- ◆ Disasters caused by the effects of foreign bodies and force majeure.

2 Safety Instructions

2.1 Explanation of Symbols and Notes

These operating instructions use the following designations and signs for danger:



Warning!

This symbol indicates an immediately threatening danger for the life and health of persons.

Non-compliance with these instructions has serious adverse health effects, culminating in life-threatening injuries.



Caution!

This symbol indicates a possibly dangerous situation.

Non-compliance with these instructions may lead to minor injuries or damage to property.



Note!

This symbol indicates notes, application hints and useful information.

These assist in ensuring an optimal use of the device functions.

2.2 Organizational Measures

Necessary personal protective equipment has to be provided by the operator. All available safety devices have to be regularly checked before work commences.

2.3 Protective Devices

Prior to every start-up of the device all protective devices have to be appropriately attached and must be operational. Protective devices may only be removed:

- After the device has come to a standstill; and
- After the device has been secured against restart.

2.4 Informal Safety Measures

The operating instructions must be kept at the device's site of operation all the time. Supplementary to the operating instructions, general as well as local regulations for the prevention of accidents and environmental protection must be made available and be complied with.

All safety and danger information on the equipment must be maintained in a legible condition.

2.5 Personnel Training

Only instructed personnel may work on the device. Personnel to be instructed may only work on the device under the supervision of an experienced person.

Personnel responsibilities for assembly, start-up, operation, maintenance and repair have to be clearly defined.

2.6 Safety Measures during Normal Operation

- The device may only be operated if all protective devices are fully operational.
- Prior to switching on the device it must be ensured that nobody can be put at risk by the device. Regularly check the device for externally noticeable damage and the proper working condition of safety devices.

2.7 Dangers as a Result of Electrical Energy

- Work on the electrical equipment of the device may only be carried out by a trained electrician or instructed persons under the guidance and supervision of a trained electrician.
- The device's electrical equipment has to be checked on a regular basis. Loose connections and damaged cables must be repaired immediately.
- Defective fuses may only be replaced with approved spare parts of equal specification.

2.8 Special Danger Areas

Caution!



There are hot surfaces within the working area (approx. 289° F/143°C). There is danger of getting burned! Do not use any flammable liquids near the hot device. There is danger of getting bruised in the area of the book clamp.

2.9 Maintenance, Servicing, Trouble Shooting

- If any malfunctions occur while working with the device, please consult chapter 7 - Malfunctions and Trouble Shooting regarding the reasons for the malfunction and possible corrective action.
- Contact your dealer if any malfunctions occur on the device that are not described.

2.10 Automatic Switching Over to Stand-by Operation

- The device switches automatically to energy-saving stand-by operation with a lower heating plate temperature if it has not been used for more than 30 minutes after a binding operation or after the last time a button has been pressed. If you want to resume work with the device, press the "Start" button. After a short preheating period, the device is once more ready for use.

2.11 Constructional Changes to the Device

- It is not permitted to carry out modifications, extensions or conversions without the manufacturer's approval.
- Device components that are worn, damaged or broken must be replaced immediately. Use only original replacement parts. For parts bought from an external source it cannot be guaranteed that these have been designed and manufactured to suit the demands and safety requirements.

2.12 Noise Emitted by the Device

- The permanent sound pressure level emanating from the device is 70 dB(A).

2.13 Copyright

- The copyright for these operating instructions remains with Standard Duplicating Machines Corporation.
- These operating instructions are only intended for the operator. They contain instructions and notes, which may not be duplicated either in part or in whole, disseminated or otherwise communicated.
- Non-compliance may have consequences under criminal law.

2.14 Disposal

- Taking into consideration the environmental conditions and the local official regulations, AccuBind® strips may be stored and burned together with domestic waste.

3 Transport and Storage

The device is supplied packed inside a cardboard box. 30 in (760 mm)

Cardboard box dimensions: Height: 21 in (530 mm)

Depth:Width: 23 1/4 in (590 mm)

Weight: approx. 35 1/4 lb (16 kg) [net] approx. 44 lb (20 kg) [gross]

When storing the device over a longer period of time, the following needs to be observed:

- Only store in dry rooms;
- Suitable packaging (protective foil) needs to be chosen for storage.



Note!

Although all the parts that are endangered by corrosion are made of stainless, chromium plated or galvanized steels or have been provided with a protective coat of paint, the device needs to be examined for signs of corrosion after a longer period of storage.

Packaging symbols:



Do not turn crate upside down



Protect from moisture



Fragile contents

4 Device Specifications

Device designation: STANDARD AccuBind Pro

Article code: AB-Pro 108168 (115 V) (USA)

Serial number: Refer to first page

4.1 Connection Specifications

Connected load: 115 V ~, 60 Hz (108168) (USA)

Total output: 400 W

Mains fuse 6.3 A, F 250 V 5x20mm (for 115 V) (USA)

Operating temperature: 143 °C (289° F)

Preheating time: approx. 5 minutes

Automatic switching off after 30 minutes

Function control: micro controller

4.2 Performance Specifications

Hourly output (1 person): approx. 200 bindings/hour

Material to be bound

Spine length 11", A4

Block thickness (5 - 325 sheets / 80gr./m²)

Strip length of Standard AccuBind™ strips:

297 mm (A4)

279.4 mm (11")

Strip width / pile thickness:

A - 20 mm / 13/16" > 0.4 mm to 3.0 mm

B - 25 mm / 1" > 3.0 mm to 8.0 mm

C - 30 mm / 1 3/16" > 8.0 mm to 13.0 mm

D - 35 mm / 1 3/8" > 13.0 mm to 18.0 mm

E - 40 mm / 1 9/16" > 18.0 mm to 23.0 mm

F - 50 mm / 2" > 23.0 mm to 33.0 mm

Colours: White, black, red, green, grey, blue, purple, yellow, bright red, light blue, dark blue

4.3 Environmental Conditions

Ambient temperature: 15 - 40 °C (59 - 104° F)

Sound pressure level: 70 dB(A)

4.4 Dimensions and Weights

Depth, width, height: 374 x 538 x 320 mm (14-3/4"x21-1/4"x12-1/2")

Weight: Approx. 16 kg (net) (35.5 Lbs)

4.5 Dimensions and Weights

Weight of the device approx. 34 lbs. (16 kg)

4.6 Packing List

Please check whether the following components or assemblies are available:

STANDARD AccuBind Pro

Cooling Rack with pressure block

Operating instructions

Installation Instructions Sheet

Quick reference guide

Support plates

Power cable

All parts mentioned have to be checked for possible transport damage.

5 Installation, Assembly, Start-up

5.1 Safety Information

- The device is manually lifted out of the cardboard box.
- Keep all parts free of any dirt and damage.
- Electric wires have to be professionally laid and assembled. They have to be assembled such that they are not damaged during later operation of the device.
- Electrical connections, length and quality of wires have to comply with local regulations.
- Before switching on the device, ensure that nobody can be endangered by the device.

5.2 Place of Installation

Before installing the device, the operator has to ensure that:

- An electrical receptacle rated for the respective connected load (see rating plate) is available within 5 feet of the place of installation.
- A workbench or table capable of supporting up to 100 lbs. is available.



Warning!

The weight of the device including accessories is approx. 34 lbs. (16 kg).

5.3 Unpacking the Device

- The device is supplied packed inside a cardboard box.
- Remove the packaging.
- Check whether the delivery is complete.
- Position the device at its intended place of installation.

5.4 Installing and Assembling the Device

- Check the device for any dirt or damage. If necessary, clean the device prior to start-up.
- Power supply cables to the device must be positioned so that they are not damaged during operation of the device or cause a tripping hazard to personnel.
- Before commissioning the unit, wait until it has reached room temperature. Sudden variations in temperature and humidity may result in equipment malfunctions and faulty bindings.

5.5 Establishing the Power Supply



Warning!

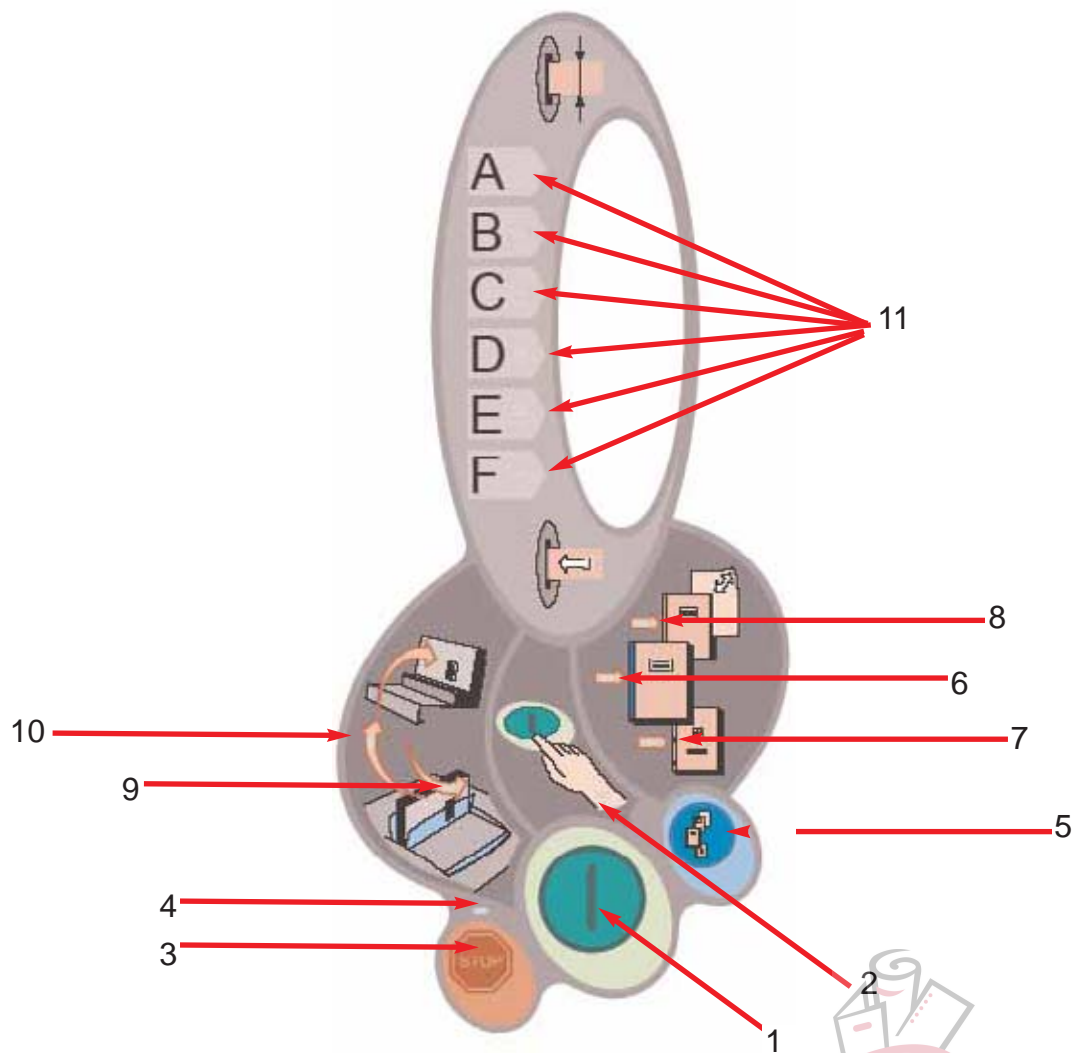
Electric receptacles must be professionally installed and assembled. Length and quality of wires must comply with local regulations. At no time should this equipment be operated using an extension cord.

Work on the equipment may only be carried out by a Standard Authorized Dealer. Please observe the regulations provided by the Employer's Liability Insurance Association in this regard.

- Before connecting the device to the mains, confirm that:
 - The connections comply with the local electrical and safety requirements.
 - The device's main switch is off ("0 position").
- Connect the electrical cord from the wall receptacle to the machine. The device is now ready for operation.

OPERATING PANEL

1. Start button
2. Start indicator
3. Stop button
4. Stop indicator
5. Binding mode selection button
6. "Normal" binding mode indicator
7. "Pre-Bound" binding mode indicator
8. "Editing" mode indicator
9. Ready to insert book block indicator
10. Remove bound book indicator
11. Tape width size indicators (A through F)



Switching on the AccuBind_{Pro}

The following steps on this page are required any time the machine has been switched from off to on or when the main cover has been opened and closed.



1. Switch on your AccuBind_{Pro} by pressing the black switch by the power cord to the "I" position.



2. Your AccuBind_{Pro} will be ready to use when all of the lamps next to the ABCDEF display are not lit and the green "start" indicator illuminates.



3. Press the green Start button to calibrate the AccuBind_{Pro}. (Please note that this step is required only when the machine has been powered from off to on or the main cover has been opened)

OPERATING IN "NORMAL" BINDING MODE



Confirm that the machine has been set for "Normal" binding mode as indicated by the lamp, if another mode lamp is lit, press the blue button until the correct lamp illuminates. At this time the "insert book" indicator should also be lighted.

Note: If only the green start lamp is lit, this indicates that the machine is in "Standby" mode, press the green "start button to return the machine to operating temperature



Insert book to be bound (binding edge to the bottom) in the center of the clamp opening at the top of the machine so that it rests evenly on the heating plate below. Slide book fully to the right end. Continue to hold the book and maintain a slight pressure to the right end.



Quickly press the green Start button while maintaining a firm grip on the book block.



Insert the matching width strip of tape as indicated by the illuminated lamp next to the letter A, B, C, D, E or F in your choice of color, positioning the adhesive coated side of the strip facing the book to be bound. (Glue side up or left, cloth side down or right)



When clamp re-opens, slide book slightly to the left and immediately remove your bound book by lifting it straight up and out of the machine. Do not leave bound book in machine for more than five seconds.

Note: If bound book remains in the machine for more than 10 seconds an audible alarm will be heard. Remove book immediately!



Place bound book into cooling rack, behind the weighted block immediately after removing book from machine.



Place bound book into cooling rack, behind the weighted block immediately after removing book from machine. For best results, let book stand until spine reaches room temperature or for about 10 minutes.

OPERATING IN "PRE-BOUND DOCUMENTS" BINDING MODE



Confirm that the machine has been set for "Pre-Bound" binding mode as indicated by the lamp, if another mode lamp is lit, press the blue button until the correct lamp illuminates. At this time the "insert book" indicator should also be lighted.

Note: If only the green start lamp is lit, this indicates that the machine is in "Standby" mode, press the green "start button to return the machine to operating temperature



Binding in this mode requires that the staple legs are flat against the book cover!

Insert book to be bound (binding edge to the bottom) in the center of the clamp opening at the top of the machine so that it rests evenly on the heating plate below. Slide book fully to the right end. Continue to hold the book and maintain a slight pressure to the right end.



Quickly press the green Start button while maintaining a firm grip on the book block.



Insert the matching width strip of tape as indicated by the illuminated lamp next to the letter A, B, C, D, E or F in your choice of color, positioning the adhesive coated side of the strip facing the book to be bound. (Glue side up or left, cloth side down or right)



When clamp re-opens, slide book slightly to the left and immediately remove your bound book by lifting it straight up and out of the machine. Do not leave bound book in machine for more than five seconds.

Note: If bound book remains in the machine for more than 10 seconds an audible alarm will be heard. Remove book immediately!



Place bound book into cooling rack, behind the weighted block immediately after removing book from machine.



Note!

Place bound book into cooling rack, behind the weighted block immediately after removing book from machine. For best results, let book stand until spine reaches room temperature or for about 10 minutes.

OPERATING IN "EDITING" MODE



Confirm that the machine has been set for "Editing" mode as indicated by the lamp, if another mode lamp is lit, press the blue button until the correct lamp illuminates. At this time the "insert book" indicator should also be lighted.

Note: If only the green start lamp is lit, this indicates that the machine is in "Standby" mode, press the green "start button to return the machine to operating temperature



Note!

Only books that have been bound with the AccuBind or AccuBindPro can be edited with this function!

Locate the page in the book that you wish to remove and replace. Mark it by folding its corner so that it can be located quickly in the appropriate steps to follow.



Insert book to be edited (binding edge to the bottom) in the center of the clamp opening at the top of the machine so that it rests evenly on the heating plate below. Slide book fully to the right end. Continue to hold the book and maintain a slight pressure to the right end.



Press the green Start button while maintaining a firm grip on the book block.



When clamp re-opens, slide book slightly to the left and immediately remove your bound book by lifting it straight up and out of the machine.

Lay book flat on table and open to page that needs removal.

Remove page and insert new one in its place. Take care to align the edges of the new page with the other existing pages.



Close book and re-insert into the machine clamp.

Press green "start" button.

When clamp re-opens, slide book slightly to the left and immediately remove your bound book by lifting it straight up and out of the machine.



Place bound book into cooling rack, behind the weighted block immediately after removing book from machine.



Note!

Place bound book into cooling rack, behind the weighted block immediately after removing book from machine. For best results, let book stand until spine reaches room temperature or for about 10 minutes.

7 Malfunctions and Troubleshooting

Malfunction Corrective Action

LED A and F are flashing -- Book block dimension is outside = .02" to 1.25".

- Select correct block thickness.

After the "Start" button has been pressed, the LED "Ready for binding" does not light up. LED "A - C" lights up.

- Device is in preheating phase.
- Wait until LEDs extinguish and LED "Ready" lights up.

When inserting the material to be bound, the LED "Remove bound material" lights up.

- Remove material to be bound.
- Press the "Start" button. Device carries out an automatic run for calibration purposes.

Pages of the finished pamphlet are not correctly bound.

- Fan out and push together the pile of paper properly so that all the sheets are aligned correctly.

Device does not start.

- Check power plug.
- Check pilot light on power plug.
- Check cover latches

"Stop" button has been pressed during a work cycle. Device stops.

- Press the "Start" key.
- Device returns to initial position.

AccuBind™ strip has been inserted with the adhesive side pointing downwards.

- Open device - remove strip.
- Clean heating plate with a dry cloth.
- Remove adhesive from feed rollers.

Heating plate is soiled with adhesive /paper dust.

- Clean heating plate with a dry cloth.

Strip overlaps on the side.

- Align material to be bound on the right .
- Check paper format.

Note!



If the casing has been opened, press the "Start" button after you have closed it again.

Note!



When opening the upper part of the casing, the device is deenergised.



Danger!

Danger of burns due to hot surfaces (289° / 143° C).

8 Maintenance and Servicing

8.1 Opening and Closing the Device



Open the two wing screws. Lift the lid until the stop lever engages.

When closing the device, gently push down on the lid until you have overcome the resistance in the stop lever.

Close lid and tighten wing screws.

8.2 Cleaning the Device

Clean the outside of the machine daily with a dry, lint-free cloth. The use of solvent-containing cleaning agents may cause damage to the casing parts. Adhesive residue in the area of the heating plate may be removed with a dry cloth after the pre-heating process. Avoid that any cleaning material is left behind on the heating plate when cleaning the heating plate, as already objects as small as 0.2 mm may lead to a device malfunction.



Caution!

There are hot surfaces within the working area (approx. 289°F / 143 °C).

There is danger of getting burned!

Do not use any flammable liquids near the hot device.

8.3 Cleaning the Heating Plate

If there is any adhesive residue on the heating plate, this adhesive may be wiped off with a cloth.



■ Switch off device on the main switch.

■ Clean the heating plate with a dry, lint-free cloth (caution: temperature is 289 ° F/ 143 °C).

■ When cleaning has been completed, switch on device at the main switch.

■ If the operating temperature has dropped, the device heats up, LED A - F light up.

■ When the device has reached operating temperature, press the "Start" key. Device carries out an automatic calibration.

■ The device is ready for operation again



Caution!

Danger of getting burned at the heating plate. Do not use any chemicals for cleaning.

9 After-sales Service

In the event that your AccuBindPro requires service, please contact the local Authorized Dealer from where the machine was purchased. If you do not know who the supplier is please have the serial number of your unit ready and telephone Standard Duplicating Machines Corporation at: 978-470-1920 so that we may direct you to the correct source.

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