

Safety Instruction

- ▲ Read this operator manual fully before operating the machine.
- ▲ Operate with the designated AC current only. Use an exclusive outlet, as overloading may cause fire or an electric shock.
- ▲ Does not- Install the machine in an unstable place such that it tilts or shakes.
- ▲ Does not- Unplug the plug or unplug the power cord from the outlet with a wet hand, this can cause an electric shock.
- ▲ Does not- Adjust any part of the machine whilst rollers are running.
- ▲ Does not- Operate the machine with loose or trailing clothing or loose hair.

1. Labeled photograph



DigiCreaser *NCC330 & NCC330A*



1	Power switch	2	Emergency button	3	Lock knob
4	Roller tilt handle	5	Collecting table	6	Collection side lay
7	Touch screen	8	Adjustable side lay	9	Fixed side lay
10	Protective cover	11	Suction slot knob	12	Paper gate
13	Air separation knob	14	Back guide	15	Airdistribution knob

* NCC330A has 11-15 parts which NCC330 does not;

* NCC330A is a automatic suction feeding creasing system designed for use with both conventional litho and digital printers. Allows the operator to switch off the compressor unit in order to utilise the machine to manually feed sheets.

2. Pre-work

1. Install the machine in a stable place, and balance the machine by adjust the foot screw.
2. Operate with the designated AC current.

3. Crease

1. Setting the Collecting table

- (1) There are two Collecting side lays on the Collecting table, and the Collecting side lays collect the paper sheets correctly on the Collecting table;
- (2) Place the creased / perforated paper on the Collecting table and slide up to the Collecting side lays (Left);
- (3) Position the Collecting side lays (Right) up towards the paper and leaves a minimum clearance of approximately 1mm each side of the sheet.
- (4) Centre the paper between two Collecting side lays, then set the distance between the top of the sheet and the backstop flanges to approximately 5mm.

2. Setting the Adjustable Side Lay

Place the paper stack on to the loading table and slide up to the Fixed side lay and Paper gate.

Release the clamps on the Adjustable side lay and slide up to the paper stack allowing a gap of approximately 0.5mm between the paper and the side lay.

3. Setting the Back stop

Position the backstop and slide up towards the paper stack allowing a gap of approximately 0.5mm between the paper and Back stop.

4. Adjusting the Paper gate

Take two papers from the paper stock and position the two papers on the vacuum roller, set the gap between the Paper gate and the vacuum roller to approximately twice the thickness of the paper to be creased.



Caution:

To avoid possible damage to the suction drum, when adjusting the paper gate height, ensure that the disc is located over a solid section of the suction drum and not over a slot in the drum.

Do not adjust the paper gate while the machine is running

5. Setting the suction slot

Put some papers on the loading table, slide the Adjustable side lay and Back stop up towards the papers and start the machine. Press "Feed" button to check the feed situation. Loose the Suction slot knob and move it horizontally in either direction to the required position till the paper can be sucked appropriately, then lock the Suction slot knob.



6. Setting the Air Distribution

Depending on the length of the sheet to be creased, the Air distribution knob can be rotated to various positions in order to supply air to different ports. Position 1 is recommended for most sheet sizes. However, a better result may be obtained by using the below settings or by experimentation.

Position

"1" For A5 sheets long, left port and left 1 open.

"2" For A4 sheets long, left 1 open.

"3" For A3 sheets long, left 2 open.

"0" For longer sheets, left port and left 3 open.



7. Setting the Air Separation Pressure

The amount of air supply can be adjusted by the Air separation knob. Turn up the Air separation knob if more paper stock loaded, turn down the Air separation knob if less paper stock loaded.



8. Clockwise to switch the power on. The display unit is now illuminated, a typical start up display menu is shown below.



9. Press **参数设置** to enter the Setup page.


Setup page offers Crease and Perforate functions.

* Perforating function is optional.



Setting Paper size


Setting paper size according to the size of the paper sheet.

There are three standard sizes A4, A3 or custom size can be select by press .



* There are two standard sizes A4(210×297mm) and A3(297×420mm) by system default. The system will divide the paper into equal parts according the number of creases have been set.

10. Set custom paper size

Enter into the custom size page by press .

Shows the Numeric keyboard page by press [Length]. Input the length by Numeric keyboard and the press

Enter

Clr

Clear button

Enter

Confirm button



* No necessary to set [Width].

Set [Set creases] and [Number of processing] with this approach.

The machine divides the paper sheet into equal parts according the number of creases and length of paper sheet which have been set.



Customize the crease positions depend on the job needs. Input every crease position which need to be modified by using numeric keyboard, press **Enter** to confirm.



Press **Enter** after all the setup finished, and enter the running page.



Set Feed time according to the size of the paper sheet, 800ms is recommended for A4 long side.

Start up the main engine and air compressor by press **启动**.

Press **进纸**, machine will deliver the papers and crease.

Press **II**, machine will stop after creased the current paper sheet.

Proceed with the crease work by press **进纸**, and then press **设置**.

Press **清零** can zero clear the work counting.

Press **退纸**, make the machine backward working to resolve the paper jam, take the paper our and press **进纸** to proceed with the crease work.

* All the numerical value setting based on Left margin as zero.

* Press Emergency button when there is any abnormal operating condition,

release the Emergency button after the trouble cleaned.

11. Setting the Roller Tilt Mechanism

The roller tilt mechanism has been designed to compensate for when the creasing position on the sheet is not square. This could be due to an inaccuracy in the media or if the roller tilt mechanism has been incorrectly set.

To set the mechanism, unlock the roller tilt knob located below the roller tilting handle by turning anti-clockwise. Move the roller tilt handle left or right in order to compensate for any inaccuracy. When the position is set, ensure to lock the roller tilt knob before operating the machine. Repeat the above procedure until the creasing position is square.



12. Creasing pressure adjustment

When the creasing pressure is different between the left side and right, adjust it by the following procedure.

1. Loosen the Screw A by socket head wrench.
2. Turn the Adjustment cam B to adjust the blade pressure.

* There are two adjustment cams C positioned at each end of the creasing blade.



13. Setting the positions of drive wheels and hubs

It is important that the drive wheels and drive hubs on the roller shafts are arranged evenly across the width of the media being creased. This is done to ensure that the media is accurately driven and supported through the rollers.



14. Perforate [Optional function]

14.1 Install the Perforating blade and Blade protector.



14.2 Perforate

Press **打捲** after all the setup finished, and enter the running page.

Set Feed time according to the size of the paper sheet, 800ms is recommended for A4 long side.

Start up the main engine and air compressor by press **開機**

Press **打捲**, machine will deliver the papers and perforate.

Press **1**, machine will stop after perforated the current paper sheet.

Proceed with the perforate work by press **START**, and then press **STOP**.

Press **RESET** can zero clear the work counting.

Press **BACK**, make the machine backward working to resolve the paper jam, take the paper out and press **START** to proceed with the perforate work.