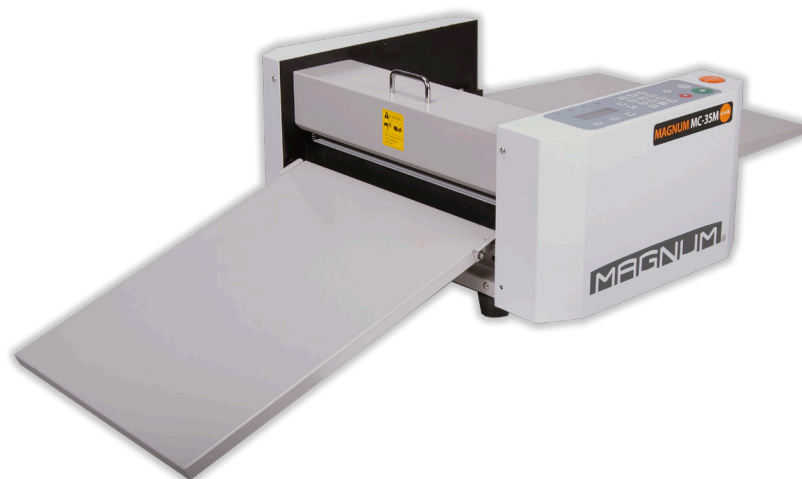# Product instruction manual
Magnum MC-35M

MAGNUM ®

The Magnum has been designed to be user friendly, however we strongly recommend you take a few minutes to read through this manual to ensure correct operation.

Keep this manual safe for future reference.

Chapter 1 INTRODUCTION

1.1 Preface

Auto creaser Mini is a super cost effective machine that created by Vivid Laminating Technologies Ltd, a company that is experienced in print finishing field.
The operation system is controlled by high speed MCU, crease speed and frequence are much more improved than last generation, especially for that more than one crease on one sheet. Professional designed steel structure guarantee the durability, accurate motor and circuit system guarantee the crease accuracy and performance.

1.2 Specification

Paper thickness	about 100-300 gsm
Paper length	90-900mm
Paper width	50-330mm
Speed(One crease on A4):	45 pcs/min(high) or 35pcs/min(low)
Min crease gap	1mm
Min gap from leading edge to first crease	0.5mm
Crease accuracy	±0.1mm
Crease qty in one pass	0 -6
Max program qty	30
Crease Counting	Reversible counter
Total counter	for crease qty and paper qty
Skew adjustment	Standard
Crease depth adjustment	Standard
Feeding extension table	Standard
Output tray	Standard
Stand	Option
Power	220V/50HZ/150W
Fuse rating	3.15A

Note: The machine is keep upgrading, specification and information in this manual are updated as per the change without notice.

Chapter 2 SAFETY

Before or while operating this machine, you should pay great attention to the safety.

2.1 Environment

Temperature：10°C to 35°C
Humidity: 30% to 70%

Altitude: Below elevation 1000m

There is no corrosiveness gas, flammable gas, oil mist and so on in room.

2.2 Do's and Don'ts

Do-Read this manual and fully understand before the operation.

Do-Check the *plug* and *machine voltage and frequency* to your main supply, and that the socket has a correct working earth lead for this single insulated machine

Do-use at least a 10 amp power source at 220 V. (20Amp/100V).

Do-make sure all *safety covers* are in place. The top covers have an interlock switch which will disable the unit if removed

Do-open or close the cover slowly

Do- contact the local maintenance center before you are about to move the machine.

Do-disconnect the power before clean the inner side.

Do-unplug the cord if you won't use the machine for a long while,

Do-Be careful of the blade edge

Don't-install the machine on an unstable ground.

Don't-operating with wet hand, especially plug or unplug the cord.

Don't- wear long hair, loose fitting clothes or put your fingers into the creasing unit nip, while the operation..

Don't- place any receptacles with any liquid on any surface of machine.

Don't- put other pieces, especially tiny pieces on loading table.

Don't- alter or uninstall the machine, unless by *Dumor* authorized engineer.

Don't- touch any running parts while running

Don't- shut down the machine while running.

Don't- put heavy matter on machine or shock it.

2.3 Caution

Be careful of any metal or flammable thing in internal machine, or it may cause fire or electronic shock. if it happens, first shut down the power, disconnect the cord, then contact the technician .
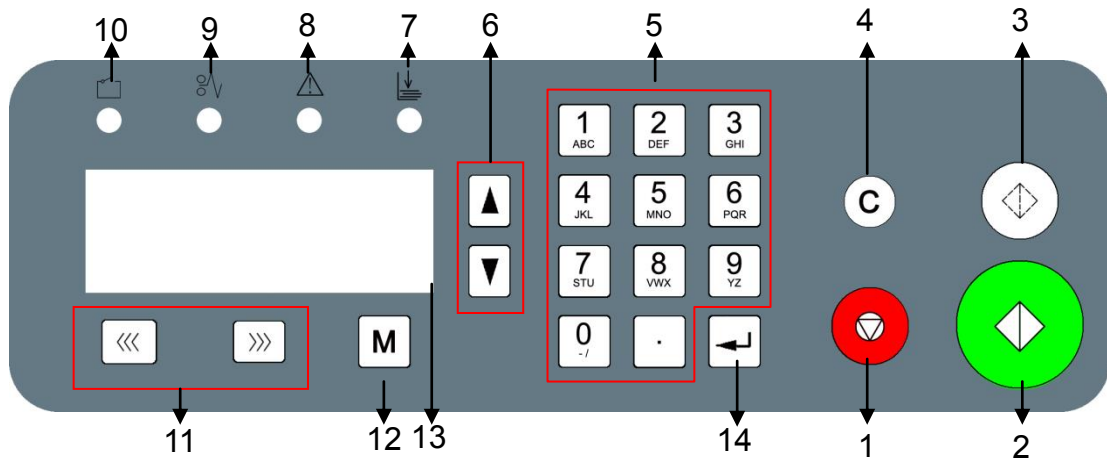
If the machine become heat, smoke, or smelly, Shutdown at once, disconnect the cord, and contact the maintenance staff.

Chapter 3 OPERATION

3.1 Control panel

3.1.1 Keys and Screen

The control panel consist of keys and screen, as per following picture.

No.	Name	Description
1	STOP	Stop the machine.
2	START	Run the machine.
3	TEST	Machine will stop after one sheet
4	CLEAR	Clear the data or clear the error display
5	NUMBERS	Input data
6	SCROLL	Turn the page
7	INDICATOR- NO PAPER	If the machine didn't find a paper for ca. 20s while it is running, it lit and return a error report. "C-4 No paper pr Jam"
8	INDICATOR- BLADE JAM	If the crease motor locks, it lighten and return a error report "E-1 CR Motor Error"
9	INDICATOR- PAPER JAMMED	If the paper is jammed inside the machine, it lighten and return a error report. "C-2 Jam at infeed" or "C-3 Jam at outfeed"
10	INDICATOR- SAFETY COVER	If the safety cover is not well setting, it lighten and returned a error report. "C-1 CR cover open"
11	UNJAM FORWARD/ REVERSE BUTTON	When paper jams, press them to move rollers, so that the paper can be easily cleared.
12	MODE	Change the modes
13	SCREEN	Display information.
14	ENTER	After the data input, press it to confirm.

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3.1.2 Function and operation

All system screens are divided into 5 MODES as per different functions, we can scroll the mode by press the key M .

In each MODE, there may be over 1 page to display different info, we can scroll the page by press ↓ or ↑.

MODE 1 Main operation

It is divided into 4 pages:

Page 1:

Display the *machine states*:

Ready: Not run, screen editable.

Running: Feed paper and crease

Note: In "Ready" state, press RUN or TEST button will shift to "Running" state;

In "Running" state, press STOP will shift to "Ready" state.

Display *Fed qty/ Preset qty*,

Preset qty: Your wanted qty of sheets. You can input it through keyboard, and Enter to confirm.

Fed qty: It is not editable , but in "Running" state, while sheets passing. It counts up from 0.

Note: If Preset qty is not 0, when Fed qty counts up to Preset qty, machine will stop automatically.

If Press qty is 0, machine will never stop after "Running", until STOP is pressed.

```
Ready        0/0
[1]10. 0     [2]20. 0
```

```
Running      12/20
[1]10. 0     [2]20. 0
```

Display *First 2 crease data* of 6
Note: Crease data can't be input in this screen

Press ↓, goes to rest

Page 2:

```
[3]30. 0     [4]40. 0
[5]50. 0     [6]60. 0
```

Display *rest crease data* in6.
Note: Crease data can't be input in this mode.
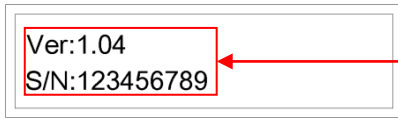
Press ↓, goes to page 3

Page 3:

```
Sheet:1
Crease:1
```

Total counter of sheet
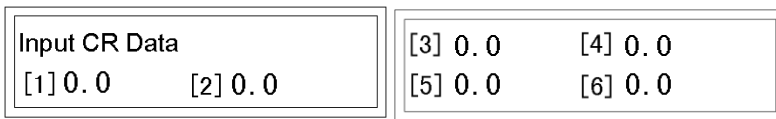Total counter of crease

Press ↓, goes to page 4

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Page 4:

```
Ver:1.04
S/N:123456789
```

Press ↓, return to page 1

Press Ⓜ, goes to MODE 2

MODE 2 Crease data Input

It is divided into 2 pages:

```
Input CR Data
[1] 0.0        [2] 0.0
```
```
[3] 0.0     [4] 0.0
[5] 0.0     [6] 0.0
```

Initially in Mode 2, Line [1] flashes, (which means can be input), input the data , from 0-650.0, accurate to one decimal place.
Press ENTER,[1] stop flash, [2] flashes.
Input a data, press ENTER.
[2] stop flashing, screen automatically jump to 2nd page.
[3] flashes……
Input all 6 likewise.
Note: Each value has to be greater than last value.

If all 6 lines are needed, after we Enter the 6th data, screen will automatically jump to MODE 1, page 1. Input finished.

If less than 6 line is needed, after we finish the last data (say, the 3rd line), Enter, Line[4] flash, press ENTER again when line[4] is 0, screen will jump to main operation mode, input finished.
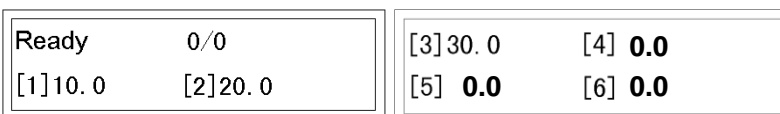
MODE 3   Recall job and MODE 4 Save job
Frequently used crease data can be saved and recalled, so that user don't have to input data each time. The system at most saves 30 jobs.

```
Save Job
Code:1
```

1. How to save a job
   a. See MODE 2, Let's input a job, say, 10, 20, 30, 0 , 0 ,0.

```
Ready          0/0
[1] 10.0       [2] 20.0
```
```
[3] 30.0     [4] 0.0
[5] 0.0      [6] 0.0
```

b. Press Ⓜ 2 times, We go to **Save job** Mode.

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c. Input a number between 1-30, say 10.It changes into

```
Save Job
Code:1
```

d. Press Enter, save success.

```
Save Job
Success
```

2. How to recall a job

a. See above steps about **How to save a job**, we take the saved job as a example.

b. Press ⬛M until we go to recall job mode, seeing following screen.

```
Recall Job
Code:1
```

c. Input a number between 1-30 (10 according to above example).

```
Recall Job
Code:1 0
```

d. Press Enter, Recall success.

```
Recall Job
Success
```

e. Screen jump to main operation MODE, and the data become 10 20 30.

```
Ready          0/0
[1]10.0      [2]20.0
```

```
[3]30.0      [4] 0.0
[5] 0.0      [6] 0.0
```

Note: It is quite advisable for users to remember jobs of each number, because job will be overwritten without any notice.

Press ⬛M at Recall Job mode, It goes to MODE 7

MODE 5 Speed

```
Speed
1=Low
        2=High*
```

```
Speed
1=Low*
        2=High
```

1. If you want low speed, Press 1, "*" become besides "Low", Press Enter, screen jump to main operation MODE, low speed is chosen.
2. If you want high speed, Press 2, "*" become besides "High", Press Enter, screen jump to main operation MODE, high speed is chosen.

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Chapter 4 CREASE DEPTH

1. Loosen the 2 Allen screws.
2. Rotate the 2 knob, anti-clockwise to deeper and vise versa
3. If crease depth are not even on both side, adjust one of them.
4. Tighten the screws

Knob   Knob

Allen screw   Allen screw
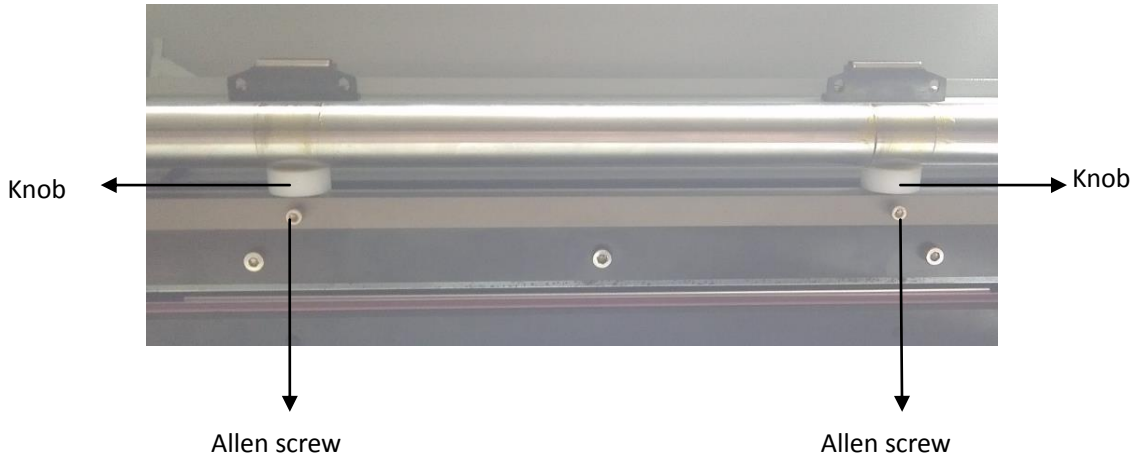
Warranty & Incorrect Use

IMPORTANT INFORMATION

Your MC-35M should reach you in perfect condition and is guaranteed for 1 Year from date of purchase covering defective parts and general wear and tear, this does not cover film jams, misfeeds or other operator related errors, which would be chargeable.
Your MC-35M is covered against manufacturing defects, it does not cover against any damages caused by misuse.
Your warranty will be void if the system has been modified by a third party not approved by the manufacturer (Vivid Laminating Technologies) to carry out such alterations.

E&O.E

CE   Auto creaser