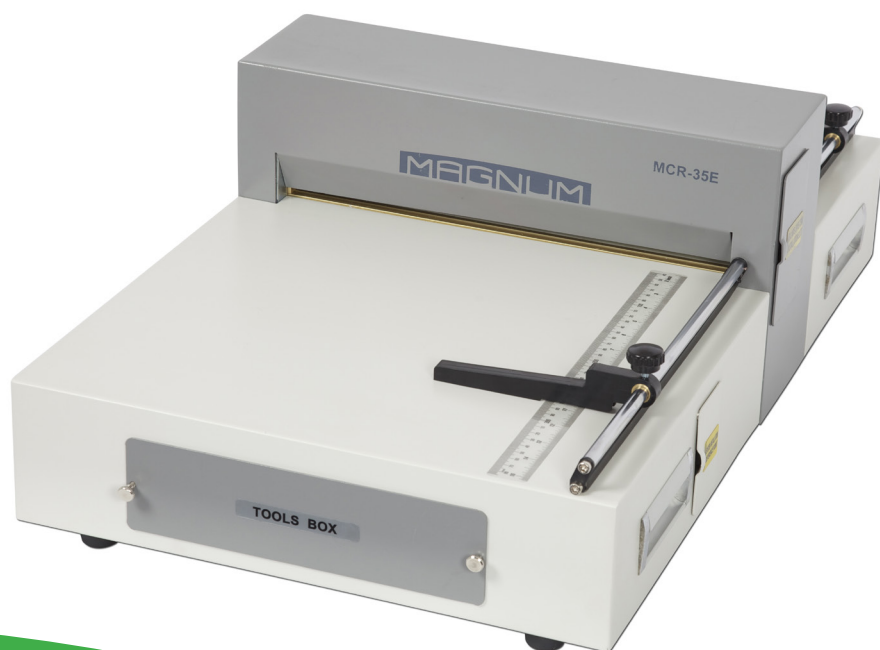


Product instruction manual
Magnum® MCR-35E, MCR-46E Creasing System

MAGNUM®



Magnum Creasers have 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.

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Specifications

	MCR35E	MCR46E
Max. Width (mm)	360	460
Maximum Thickness (gsm)	350	350
Creasing Depth (mm)	0.5	0.5
Creasing Length (mm)	700	700
Creasing Width (mm)	1.3	1.3
Overall Dimensions (mm)	700x435x240	700x535x240
Gross Machine Weight (Kg)	26	30
Warranty	1 year	1 year

Introduction

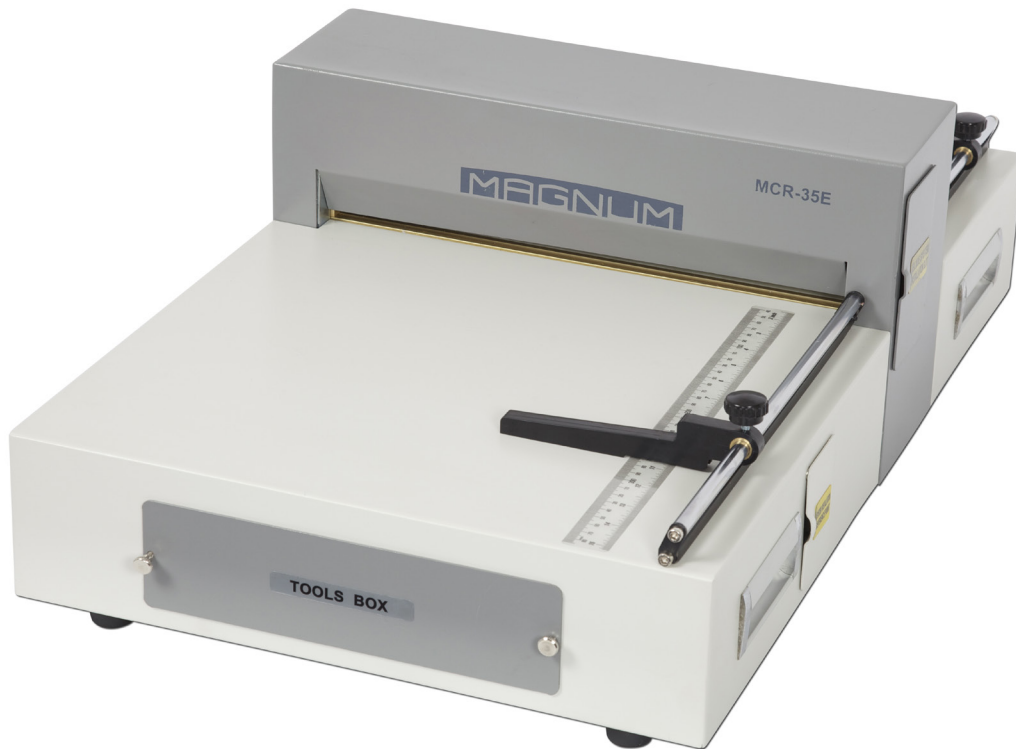
Thank you for purchasing the Magnum Creasing System.

The electric creasing and perforating system, a multi-functional professional system. With the highly reliable energy saving motor, the system can fulfil high volumes of work.

The Magnum range of creasing systems are robust, reliable and hard-working.

Please read these instructions carefully before starting to use the system to ensure you get the best results and are competent at operation.

Should you experience any problems please contact your supplier.



Safety Instructions

- Make sure that the system is electrically grounded. This prevents an electric shock when there is a leak of electricity.
- Use the system at 110 – 120 VAC, 220 – 240 VAC with a frequency of 50Hz to 60Hz. A fire may start or the system may break down if a higher or lower voltage is used, or if an electric current with a frequency that is not within the range of frequency stated above.
- Do not place any objects on this system. A fire may start or electricity may leak if water or a foreign object enters the system.
- Handle the power cord with care. A fire may start or an electric shock may be caused if the cord is damaged, broken, or processed, if a heavy object is placed on the cord, or if the cord is bent forcibly.
- Do not pull the power plug out of or put it in the electric outlet using a wet hand. Otherwise, an electric shock may be caused.
- Do not remove the cover of this system. Otherwise, an electric shock or injury may be caused.
- Do not remodel this system. Otherwise, a fire may break out or an electric shock may be caused.
- If the system is used when it is in an abnormal condition, such as generating heat, emitting smoke, and giving out a strange smell, a fire may break out or an electric shock may be caused. Turn off the power switch immediately and then pull the power plug out of the electric outlet. Afterwards, report the fault to your supplier.
- If abnormalities such as the power cord generating heat and giving out a strange smell are found, turn off the power switch immediately and then pull the power plug out of the electric outlet. Afterwards, report the fault to your supplier.
- If a foreign object enters the system, turn off the power switch first and then pull the power plug out of the electric outlet. Afterwards, report the fault to your supplier.
- If thunder approaches, pull the power cord out of the electric outlet to prevent a fire or breakdown caused by the falling of a thunderbolt.
- Do not let hairs, a necktie or necklace hang above the drive of the system. Doing so may cause an injury.
- Do not put the system on an unstable place such as a shaky stand or a slanted floor. Doing so may cause the system to drop or fall down, causing an injury.
- Do not put the system in a moist or dusty place. Doing so may start a fire or cause an electric shock.
- Be sure to pull out the power cord while holding the plug. If the power plug is pulled out while holding the cord, a fire may break out or an electric shock may be caused.
- Be sure to pull the power plug out of the electric outlet first when moving this system. Otherwise, the cord may be damaged, causing a fire or an electric shock.
- Be sure to pull the power plug out of the electric outlet for safety purposes when this system is not used for consecutive holidays or for other reasons.

Information Before Use

1. Precautions on Installation

Do not install it in an unstable place such as on a faltering bench or an inclined place. It may fall down or drop and cause an injury.

Do not install it in a dusty place or a place of high humidity.

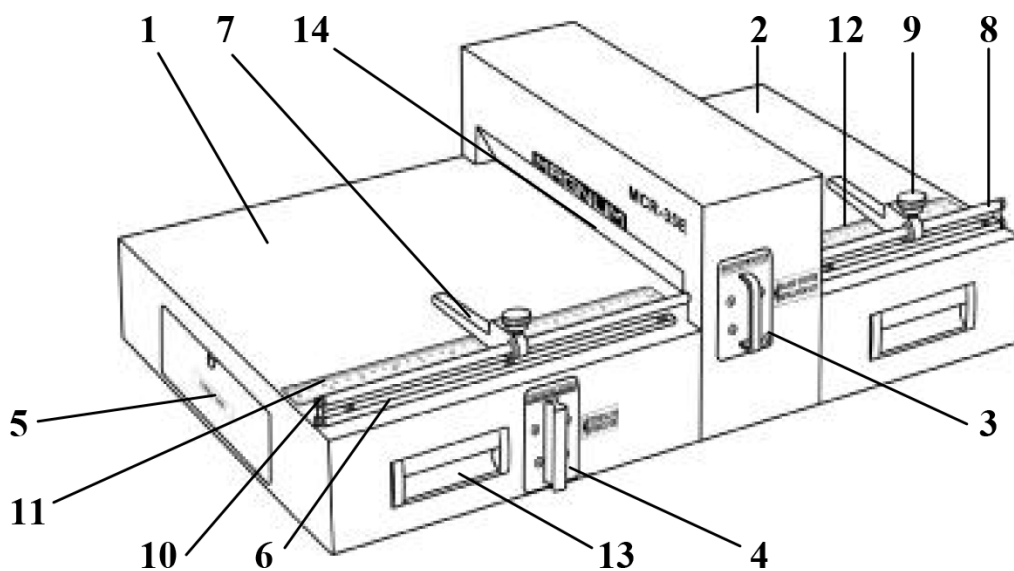
Do not install it in a place exposed to direct sunlight.

Avoid a location near a window.

Do not install it in a location close to heating equipment.

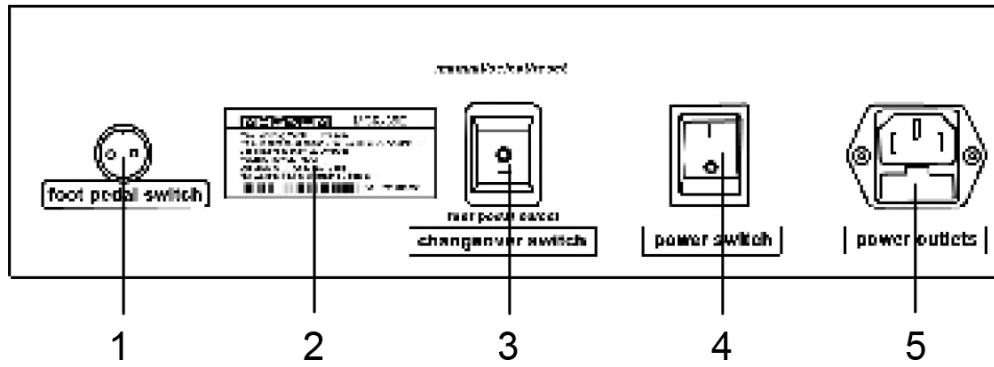
Do not install it in a place exposed to a direct wind or air conditioning.

2. Components of the Magnum Creaser



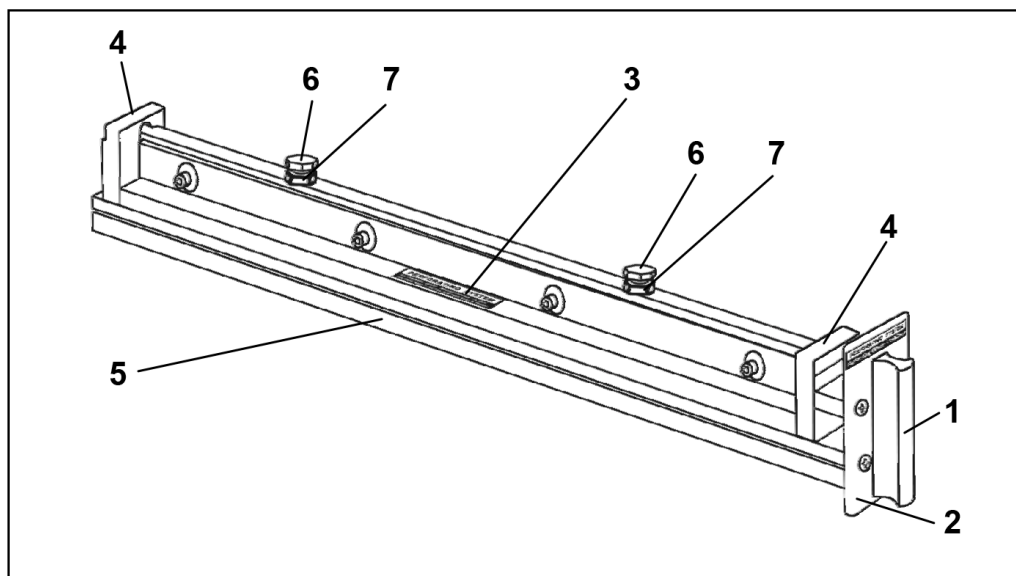
- 1 - Left operation panel
- 2 - Right operation panel
- 3 - Blade installation slot
- 4 - Blade storage slot
- 5 - Attached tools storage box cover
- 6 - Fixed position vernier
- 7 - Moving position vernier
- 8 - Vernier rail
- 9 - Vernier lock
- 10 - Vernier bracket
- 11 - Left position ruler
- 12 - Right position ruler
- 13 - Lift handle
- 14 - Operation paper entry

Operation Panel



1. Foot pedal switch
2. Machine data board
3. Operation mode changeover switch
4. Power switch with light
5. Power outlets

Blade System



1. Blade handle
2. Blade cover
3. Blade standard label
4. Blade support
5. Pressing spring
6. Press adjust screw
7. Press adjust lock screw

Magnum Creaser Contents

After unpacking the Magnum Creaser, check to make sure that you have all the parts and that there is no damage to the machine.

- Magnum creasing system
- Creasing blade system
- Perforating blade system
- Power line
- Foot pedal

According to the different blade systems, our creasing and perforating systems normal running range for creasing is between 0.09 - 0.65mm and for perforating is lower than 0.5mm.

Please do not operate the system beyond the running range to avoid damage to the creasing knife or transmission system.

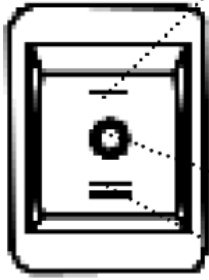
Please maintain and clean the system frequently.

Please do not move the system whilst in operation.

Please ensure you use the correct creasing blade setting according to the thickness of your paper to create a perfect crease. This will also avoid damage to the system.

Recommended Creasing Settings:

Blade Sys No.	Paper Thickness	Blade Thickness	Creasing Width	Creasing Depth
C36-A	<0.36mm	0.71mm	1.3mm	0.4mm
C36-B	0.30-0.45mm	0.71mm	1.6mm	0.5mm
C36-C	0.40-0.50mm	1.07mm	1.7mm	0.6mm
C36-D	0.45-0.55mm	1.07mm	2.3mm	0.7mm
C36-E	0.50-0.65mm	1.42mm	2.7mm	0.8mm



The system is in manual mode, the system will finish one punch by a single touch on the switch. Then the system will reset automatically and the switch will turn to '0'.

The system is in standby.

The system is in automatic mode, Insert the paper and the system will finish one punch by a single touch of the foot pedal. The system will then switch to standby automatically.

Operating the creaser

- Remove the system from the packaging and attach the foot pedal with the nut provided. Place the pedal on the floor.
- Attach the power cable at the back of the system, turn the power on and the red indicator light should illuminate.
- Make sure the position and size of the document you are creasing is correct and accurate.
- If only one crease is needed, fix the position of the left positioning vernier according to the creasing size.
- If two creases are needed, i.e a book spine. Move the right positioning vernier to the necessary position and fix, then move the left positioning vernier to the correct position and fix accordingly to the creasing size and position.

When moving the positioning verniers, please hold its head up and move the model parallel. Please do not move with its head as this could cause damage to the system.

When moving the positioning verniers to the different positions please secure with the screws manually

- When the positioning vernier is fixed in its position, place the creasing document against the mechanism core protection cover and the fixed position vernier.
- If only one crease is needed move the paper rightwards and place against the fixed right side positioning vernier. Press the foot pedal, wait until the system has creased your document.
- If two creases are needed move the paper rightwards first and place the document against the fixed right hand side positioning vernier. Press the foot pedal wait until the crease has been made then move the document leftwards, place it against the left side positioning vernier. Press the foot pedal again and wait for the system to perform the crease.

Recommended Perforating Settings:

Blade Sys No.	Paper Thickness	Teeth Per inch	Teech Width	Teech Disdance
P36-A	<0.30mm	16:1	0.8mm	0.8mm
P36-B	<0.35mm	12:1	1.4mm	0.7mm
P36-C	<0.40mm	10:1	1.2mm	1.2mm
P36-D	<0.45mm	8:1	2.0mm	1.0mm
P36-E	<0.50mm	6:1	3.0mm	1.0mm

Please ensure you use the correct perforating blade setting according to the thickness of your paper to create perfect perforating. This will also avoid damage to the system.

- Make sure the position and size of the document you are perforating is correct and accurate.
- If only one perforation is needed, fix the position of the left positioning vernier according to the perforating size.
- If two perforated lines are needed, make sure the first line is correct. Move the right positioning vernier to the necessary position and fix, then move the left positioning vernier to the second perforated line and fix.
- When the positioning vernier is fixed in its position, place the creasing document against the mechanism core protection cover and the fixed position vernier.
- If only one perforation is needed move the paper rightwards and place against the fixed right side positioning vernier. Press the foot pedal, wait until the system has perforated your document.
- If two perforated lines are needed move the paper rightwards first and place the document against the fixed right hand side positioning vernier. Press the foot pedal wait until the perforating line has been made then move the document leftwards, place it against the left side positioning vernier. Press the foot pedal again and wait for the system to perform the perforating.

Troubleshooting

Insert the blade system into the system through the blade installation slot. Open the system and test with a piece of paper. If the creasing or perforating is not perfect, please follow the steps below:

PLEASE NOTE: WHEN ADJUSTING THE ADJUSTING SCREW THIS CANNOT BE OVER 90 DEGREES TO AVOID THE SYSTEM LOCKING

- ***The creasing or perforating is too shallow or deep:***
Take the die out of the system, loosen the press adjusting lock screw. If the effect is too shallow screw the adjusting screw counter clockwise, then tighten with the lock screw. If the effect is too deep turn the adjusting screw clockwise. After the adjusting insert the die and test the system. If you are still unsatisfied repeat the above step.
- ***The creasing or perforating is not balanced:***
Take the die out of the system, loosen the press adjusting lock screw on the shallow side, screw the adjusting screw counter clockwise then tighten the adjusting lock screw. When adjusted insert the die into the system and test again. If you are still unsatisfied repeat the above step.
- ***After the creasing or perforating, the dotted line is breaking the paper:***
Remove the perforating blade. Loosen the pressure adjusting locknut on the shallower side of the dotted line. Turn the pressure adjusting screw clockwise, then tighten with the lock nut. Place the perforating blade back into the system. Test the perforating, if you are still unsatisfied repeat the above step.
- ***The perforating is too shallow or unbalanced:***
Follow the above steps, if you are still having problems. Replace the blade.

General Maintenance

- Regularly clean the Magnum Creaser using a dry cloth, stubborn stains can be removed with a cloth dampened with a little water/detergent.
- Silicon spray can be used to lubricate the two mandrels and axletree connecting position.

Spare Parts

For Spare Parts please contact your supplier

Warranty & Incorrect Use

IMPORTANT INFORMATION

Your Magnum Creasing System should reach you in perfect condition, however please retain all of the original packaging once you have unpacked your Creasing System in case you need to return it for repair. If your system arrives damaged or faulty in anyway, this must be reported to your supplier immediately. If the Creasing System is sent back for repair under warranty and is damaged in transit due to faulty packaging your warranty may be void.

The Creasing System you have purchased includes a 1 year warranty on defective parts and general wear and tear, it does not cover any damage through misuse or operator error.

E&O.E

