

STARTING BADGEMAKING

Badgemaker 5 Instruction Manual

NOTES

- Remove body and handle from packaging and dispose of all packing filler.
- It is important that your Badgemaker is operated in a secure position either through use of G clamp or mounted onto a board or bolted to a stable work surface.
- Recommended thickness for prints when used with acetate film is between 80 and 115 gsm (eg. standard photocopying paper is 80gsm).
- After loading die, always ensure that it is located directly under the top die.
- Metal rings and tops as well as plastic seals can stick together, so always check that only one at a time is used.
- Never allow the machine handle to spring back.
- When cutting out your prints using the rotary cutter, ensure that you cut out on a suitable surface such as Perspex, nylon or polypropylene. Any other surface used may damage the blade on the cutter – suitable boards are available from London Emblem.



STEP BY STEP GUIDE TO BADGEMAKING

Badges

Stage 1: Place metal badge top (rim down) in right hand die in circular slot. Cover with cut out print (printed side up) and one plastic film. Swing right hand bottom die anti-clockwise under top die and pull handle firmly towards you to complete first stage.

Stage 2: Place pinned back (zigzag side of pin showing) in left hand die. Swing left hand bottom die clockwise under top die and pull handle firmly towards you to complete assembly. Swing die set anti-clockwise to remove finished badge from machine. If required, turn the back to position design.

25mm Badges

Complete Stage 1 of the badgemaking process. Place metal ring, rim upwards in die. Swing die clockwise under top die and pull handle firmly towards you to complete assembly. Swing die set anti-clockwise to remove finished badge from machine. Insert supplied pin in back.

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Complete stage 1 of the badgemaking process then place back with writing downwards in the left hand die. Swing die clockwise under top die and pull handle firmly towards you to complete assembly. Swing die set anti-clockwise to remove finished badge from machine.

Mirrors

Complete Stage 1 of the badgemaking process then place metal ring, smooth side down, followed by mirror glass (mirror face downwards) and cardboard space into the left hand die. Swing left hand die clockwise under top die and pull handle down towards you to complete assembly. Swing die set anti-clockwise to remove finished mirror from machine.

Magnets

Complete Stage 1 of the badgemaking process then place unpinned back (rim upwards) into left hand die. Swing left hand die clockwise under top die and pull handle to complete assembly. Swing die set anti-clockwise to remove badge from machine and to complete, peel paper backing from magnet and stick to the centre of the badge back.

Keyrings

Complete Stage 1 of the badgemaking process then place plastic ring smooth side down into left hand die. Swing left hand die clockwise under top die and pull handle firmly towards to complete assembly. Swing die set anti-clockwise to remove badge unit from machine. To complete assembly, clip keychain through hole in key fob. Locate lugs in fob to plastic ring of badge unit and snap together by hand. Turn the back to position design.

Photo Stands

Complete Stage 1 of the badgemaking process then place black plastic ring (smooth side down) into the left hand die. Swing left hand die clockwise under top die and pull handle towards you to complete assembly. Swing die set anti-clockwise to remove badge unit from machine. To complete assembly locate lugs in photo stand to black plastic ring of badge unit and snap together by hand. Turn the back to position design.

Bottle Openers

Complete Stage 1 of the badgemaking process then place supplied washer into the base of the left hand die followed by the bottle opener (the washer is only supplied for height purposes for the bottle opener to connect to the top). Swing left hand die clockwise under top die and pull handle towards you to complete assembly. Swing die set anti-clockwise to remove badge unit from machine and complete by attaching keychain to holes in back if required.

TROUBLESHOOTING

If a badge does not make up properly, check:

- That only one top or plastic seal has been used. If two tops or seals are stuck in the top die, they can be ejected by operating the second stage of badgemaking with the die empty.
- That sufficient pressure has been used on the second stage of badgemaking. To ensure perfect crimping of the badge, pull handle towards you.

CHANGING THE DIE

- Remove bottom die set from base of machine by undoing grub screw (5/29) and lifting out hinge pin (5/32). Die set can now be lifted off.
- Locate allen screw in underpart of top die and remove by turning in a clockwise direction with allen key provided.
- Take the required size top die and with protruding pin towards back of machine, locate the die onto shaft and ensure that locating pin on top of the die is fitted into the hole at the end of the shaft and tighten.
- Place required size bottom die set onto base of machine. Locate hinge pin (5/32) through the hole in the base plate into base of machine. Push down firmly and hold whilst tightening retaining grub screw (5/29). Do not overtighten.

MAINTENANCE

As with all production machinery, the working surfaces of the machine should be kept clean and free from dust. Only the very minimum of lubrication, using grease, is advised and this should be applied only to the surfaces of the shaft assembly and roller on base of handle assembly. It is important to regularly tighten all screws and bolts. Do not overtighten.

INSTRUCTIONS FOR CHANGING BLADES ON LONDON EMBLEM AND BADGEWORX CUTTERS

- Turn rotary cutter over.
- Unlock screw in base of main shaft using allen key provided.
- Retract adjustment shaft complete with blade so that grub screw holding retaining pin is accessible.
- Unlock grub screw holding pin.
- Remove blade with retaining pin from the shaft.
- Replace new blade, with flat side facing inwards, onto retaining pin, relocate into adjustment shaft and lock down with grub screw, making sure that cutting blade rotates freely.
- Reset adjustment shaft to size required.