

STARTING BADGEMAKING

Badgeworx Instruction Manual

NOTES

- The bottom badgemaking die is secured for transit by one transportation screw on base of machine. Use allen key supplied to remove transportation screw completely.
- Please retain transportation screw for use whenever Badgeworx is in transit.
- 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.
- 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.
- Recommended thickness for prints when used with film is between 80gsm and 115gsm (standard photocopying paper is 80gsm).
- If using a machine with a turnover die, always ensure that the die is carried separately from the machine body.
- After loading die, always ensure that it is located exactly under the top die.
- Metal tops and rings as well as plastic seals can stick together, so always check that only one is used at a time.
- Never allow the machine handle to spring back.



STEP BY STEP GUIDE TO BADGEMAKING

Badges

Stage 1: Place metal badge top (rim down) in circular slot in die. Cover with cut out print (printed side upwards) and one plastic film. Locate die under the machine ensuring that the lever facing you on the top die is moved fully to the right. Pull handle down firmly towards you to complete first stage.

Stage 2: Remove and turn over die then place pinned plastic back (zigzag side of pin showing) into die recess. Locate die back under the machine and move lever facing you in the top die to the left. Pull handle firmly towards you to complete assembly. Remove die from machine to extract finished badge. If required, turn the back to position design.

25mm Badges

Complete stage 1 of the badgemaking process. Remove die and turn over. Place metal ring, rim upwards in die. Replace die under the machine and move the lever in the top die fully to the left. Pull handle towards you to complete assembly. Remove die from machine to extract badge. To complete assembly insert supplied pin.

Kid Klips

Complete stage 1 of the badgemaking process. Remove die and turn over then place kids klip back (writing downwards) into die recess. Locate die back under the machine and move lever to the left. Pull handle firmly towards you to complete assembly. Remove die from machine to extract finished badge.

Mirrors

Complete Stage 1 of the badgemaking process. Remove die and turn over. Place metal ring, smooth side down followed by mirror glass (mirror face downwards) and cardboard spacer. Replace die back under the machine and move the lever in the top die fully to the left. Pull handle firmly towards you to complete assembly. Remove die from machine to extract mirror.

Magnets

Complete Stage 1 of the badgemaking process. Remove die and turn over. Place unpinned back (rim upwards) in die. Replace die back under the machine and move the lever in the top die to the left. Pull handle firmly towards you to complete assembly. Remove die from machine to extract badge 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. Remove die and turn over. Place plastic ring (smooth side down) in die. Replace die back under the machine and move the lever in the top die fully to the left. Pull handle firmly towards you to complete assembly. Remove die from machine to extract badge. To complete assembly, clip keychain to 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. Remove die and turn over. Place black plastic ring (smooth side down) in die. Replace die under the machine and move the lever in the top die fully to the left. Pull handle firmly towards you to complete assembly. Remove die from machine to extract badge. To complete assembly, locate lugs in photo stand to plastic ring of badge and snap together by hand. Turn the back to position design.

Bottle Openers

Complete Stage 1 of the badgemaking process. Remove and turn over die, place the supplied washer into the base of the die, then place the bottle opener on top of the washer. (The washer is only supplied for height purposes for the bottle opener to connect to the top). Locate die back under the machine and move lever facing you in the top die fully to the left. Pull handle firmly towards you to complete assembly. Remove finished unit from machine and clip keychain to holes in bottle opener.

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 from machine. Locate allen screw in underpart of top die and remove by turning in a clockwise direction with allen key provided.
- Remove top die.
- Replace with required size top die and tighten screw up fully with pin facing towards you. Select matching size bottom die and locate on base plate.

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 where the cam (part 105) meets the cam plate (part 103).

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.