



Corner Rounder

Mega Part 700-007



General

The corner rounder is designed to put radii on 90° corners on a variety of materials.

Primarily for label-stock, some metals can be cut:

Max: 1.5mm Aluminium, 0.5mm Brass, steels must be avoided.

The platform supports two radii, to the left Radius 6 and to the right Radius 4.

Commissioning

Unpack and check for any shipping damage, report any damage immediately to your supplier.

Site the unit in a convenient place, if you intend to utilise the mounting holes in the corners of the base, make sure there is adequate area around to cater for the size of panels you will be processing.

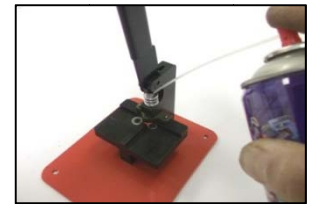
Operation

With one hand locate and hold material against the stops of the required radii cutter. Then with the other hand gently push downwards on the handle so that the die passes the punch thus cutting the radii.



Maintenance

To ensure and maintain a smooth action, periodically lubricate the surfaces of the metal to metal bearings with a light-oil.



The trimming waste falls through the platform and onto the base, clear these away regularly and remove any waste pieces which may get trapped.

When cutting material with adhesive backings it may be necessary to remove the blades and remove the adhesive with a suitable solvent.

Blade Removal

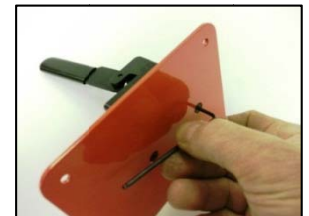
Tools required:-

Allen keys 2.5mm, 4mm and 5mm

Small screwdriver and pointing tool.



1) Remove the base from the frame – 2 screws to release



2) Remove screw retaining the die to the ram.

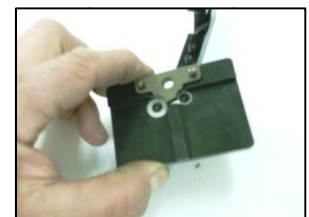
To remove and tighten this screw, hold the handle in the down position, so that the die bottoms out on the platform.

This will bring the screw in reach of the Allen Key and stop the ram rotating.



This screw can work loose during normal operation and will need to be tightened in order to restore normal operation.

3) Remove the 2 screws retaining the platform to the frame.



4) Place the platform on a flat surface and lift the die off the location pins



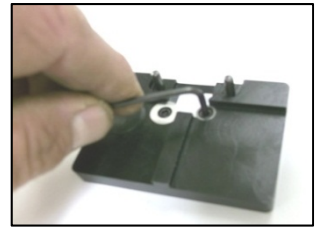
5) Remove the screws retaining the punches

At this stage the punches and die can be cleaned & debris removed from the platform.

The die can be ground by a specialist engineering company and refitted. The punches in the platform can be rotated 90° so that a fresh cutting edge quadrant can then be used against the die.

Or new purchased die can be fitted

Replacement Die and Punches Mega Part no: 700-007-1



Re-assemble

Re-assemble in the reverse order after first setting the punches and die in the platform as follows

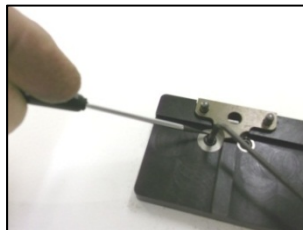
1) Fit the die onto the pins.



2) Fit the punches in place and fit screws but do not tighten



3) With the aid of a small screwdriver or pointed tool gently hold the punches against the die whilst tightening the screw.
Do not over tighten.



After reassembly – test the cutting action. It may be necessary to adjust the seating of the punch by repeating the procedure (3) with the unit is fully assembled.



Mega Electronics Ltd.,

Mega House, Grip Industrial Estate, Linton, Cambridge. CB21 4XN

Tel: +44 (0) 1223 893900

email: sales@megauk.com

Fax: +44 (0) 1223 893894

web: www.megauk.com