

Dual corner rounding machine



The **DCR400** is a compact machine designed to make round corners on any material ranging from books, note pads, diaries, cards, mouse pads... Right and left corners can be simultaneously in a single stroke. The cutting thickness of up to 100 mm combined with a mechanical speed of up to 24 cycles / minute provide optimum output for one man operation (all outputs are based on 80gsm plain paper and will vary pending on the nature of the document, the operator skills and the work organisation). It is the ideal solution for medium to long runs with a regular output.

FEATURES & BENEFITS

- **Productivity:** The left and right corners can be cut simultaneously in a single stroke. The cutting thickness of up to 100 mm combined with a speed of up to 24 cycles / minute provide optimum output for one man operation.
- **Versatile:** The DCR400 can accommodate a wide range of dies with radius ranging from 1/8" (3 mm) to 1" (25 mm). It can also be operated as a single corner rounding machine.
- **User-Friendly:** Easy adjustments and adjustable work table angle ensure optimum working conditions.
- **Wide range of tools:** Many types of cutting dies are available with the radius from 1/8" (3 mm) to 1" (25 mm).

Sheet Format



Min : **85 (CS)** x 55 mm
 Max : **400 (CS)** x 297 mm
 CS = Cut Side

Cutting Thickness



Up to 100 mm

Cycle Speed



Up to 24 cycles per minute

Electric Requirements

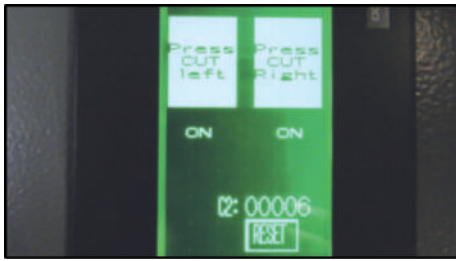


220/240 V (50 Hz) - 1ph
 110/220 V (60 Hz) - 1 ph

Air Required



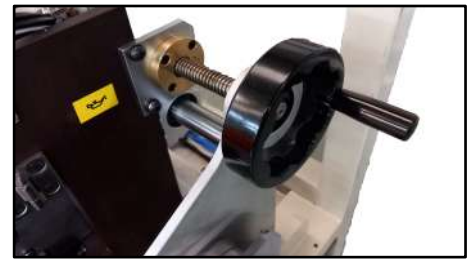
From 6 to 8 bars



Easy-to-use digital touch screen



Safety system for optimum protection of the operator's hands



Adjustment wheel for quick and easy setting of the cutting dies to the desired size



Holding kit (optional)



Document stack holding system for clean and precise cutting operations

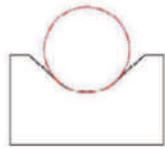


Quick and easy change of cutters with toggle clamping

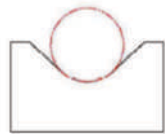
Available gouges



Diam. 1"
Radius R12.7 mm



Diam. 7/8"
Radius R11.11 mm



Diam. 3/4"
Radius R9.53 mm
***Standard gouges**



Diam. 5/8"
Radius R7.94 mm



Diam. 9/16"
Radius R7.15 mm



Diam. 1/2"
Radius R6.35 mm



Diam. 7/6"
Radius R5.56 mm



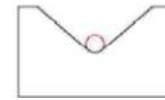
Diam. 3/8"
Radius R4.77 mm
***Standard gouges**



Diam. 5/16"
Radius R3.97 mm



Diam. 1/4"
Radius R3.18 mm



Diam. 3/16"
Radius R2.38 mm



Diam. 1/8"
Radius R1.59 mm

TECHNICAL CHARACTERISTICS

Size min. of the documents	85 (CS) x 55 mm (CS= Cut Side)
Size max. of the documents	400 (CS) x 297 mm (CS= Cut Side)
Max. cutting thickness (paper)	Up to 100 mm
Cycle speed	24 cycles / minute
Cutting diameter	From 3,18 mm (1/8") to 25,4 mm (1")
Feeding mode	Manual
Power	220/240 V (50Hz) 1ph - 110/120 V (60Hz) 1ph
Air required	6 to 8 bars
Machine dimensions (LxPxH)	840 x 830 x 1310 mm
Net weight	220kg

* All above outputs are based on 80gsm plain paper and will vary pending on the nature of the document, the operator skills and the work organisation.