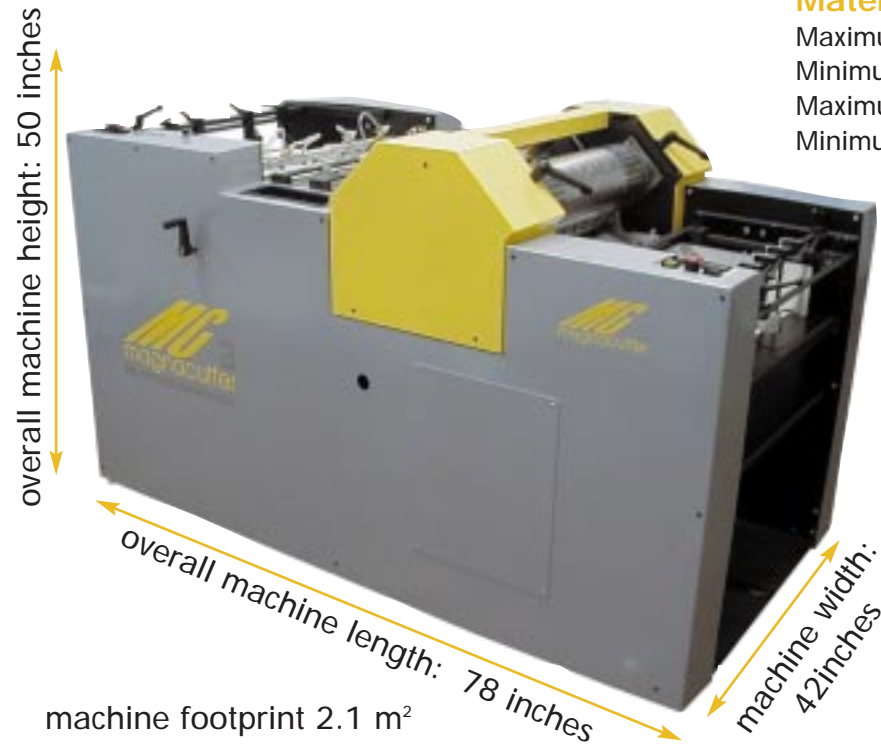


# Technical Specification



machine footprint 2.1 m<sup>2</sup>  
machine weight: 670 kg.

## Material

Maximum sheet size 21" x 17" 520 x 360 mm ( B3 )  
Minimum sheet size 8" X 8" 210 x 210 mm  
Maximum material thickness light carton brd. (550 microns)  
Minimum material thickness 20 lbs. (75) microns

## Feed

Vacuum feed head with adjustable volume suction feet  
Front and side adjustable air separation blowers  
Feed table capacity 23" (600mm)  
Adjustable height control  
Delivery receding stacker and roll away trolley

## Register

Adjustable head lay with micro adjustment  
Adjustable side lay with micro adjustment

## Speed

Variable up to 7000 per hr dependent on stock

## Cylinders

Forme cylinder magnetic ceramic and steel combination  
Anvil cylinder hardened, no jacket required  
Cutting forme adjustment from .50 to 2 mm  
Cutting forme range: Kiss cutting 16 thou .44mm  
Die cutting .58 or 1.00 mm

## Power supply

Electricity 230 volts three phase

## Air supply

Pump built in to unit

## Drive

DC controlled motor



The MC3 is mounted onto feet to enable easy movement of the unit with pallet or fork lift.



## Magnacutter UK. Limited

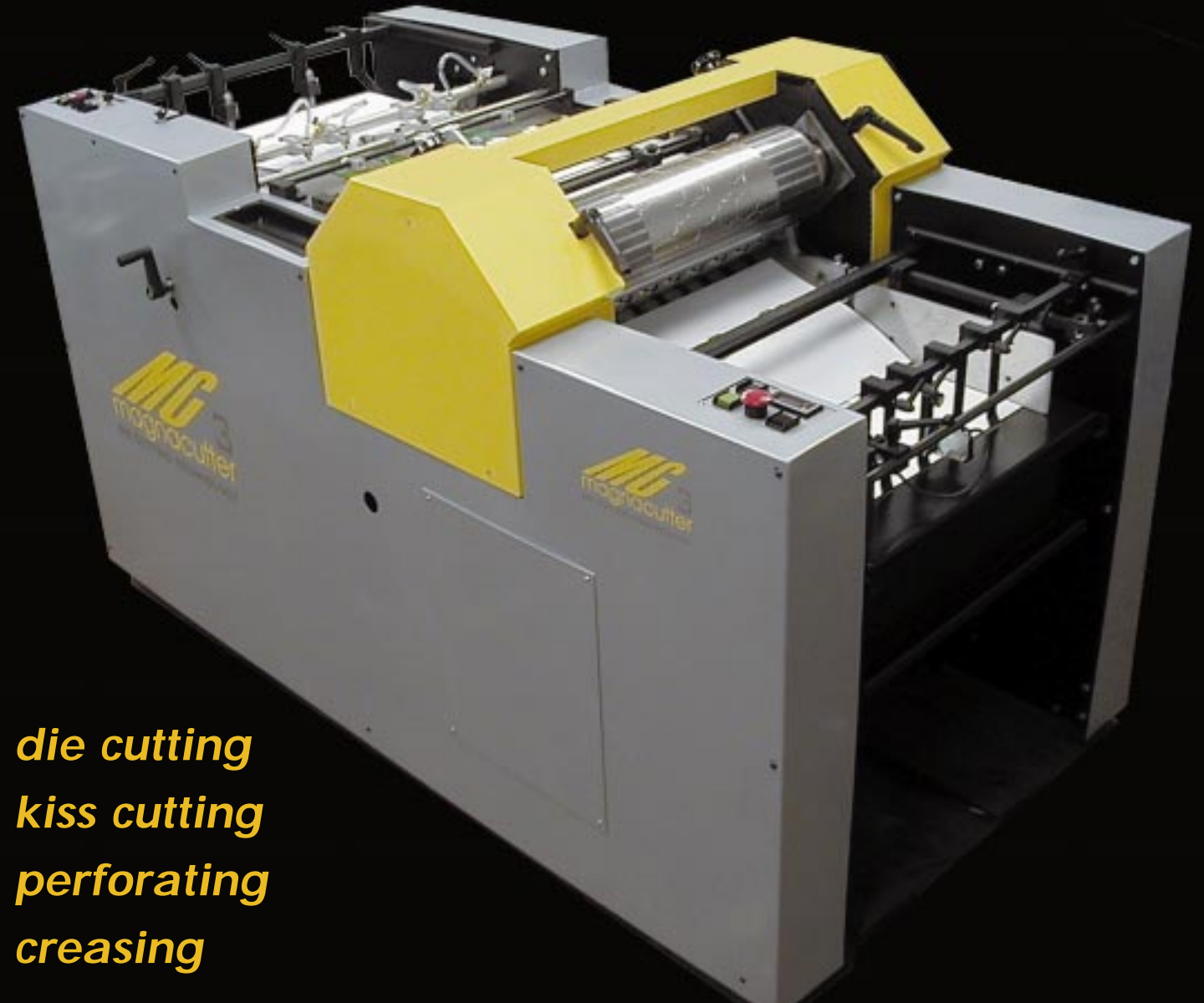
Dunsil Road Brookhill Industrial Estate  
Pinxton Nottinghamshire UK. NG16 6NS

Works UK +44 (0) 1773 581555  
Fax UK +44 (0) 1773 581888  
email: sales@Magnacutter.com

# The Future of Die Cutting ... today

reduced make ready time

precision guaranteed



die cutting  
kiss cutting  
perforating  
creasing

continuous cutting profiles

5 million cuts per form

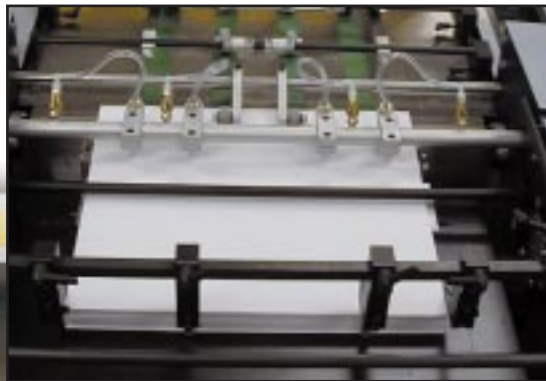


## The New MC3 Magnacutter

The new MC3 is a rotary sheet fed machine which die cuts, kiss cuts, creases and perforates materials at twice the speed of the conventional letterpress platen and cylinder machines. Developed to take sheet sizes up to 21" x 17" (520 x 360 mm) and stock ranges from 20lb. to carton brd. (80gsm to 650 microns.) at speeds upto 7000 sheets per hour.

2

load stock and set up feed minutes



## What does the MC3 Magnacutter offer:

Self adhesive labels, shaped cut outs, swing tickets and more The MC3 produces pre-printed or plain self adhesive labels on sheets, kiss cutting the surface paper but leaving the backing sheet completely uncut. This means that the sheets are laser printer compatible and can be overprinted. Paper or board can be cut to full depth to create cut outs, swing tickets or apertures in the material. As well as single processes, combinations of kiss/die cutting, perforating and creasing can also be achieved.

4

cutting form placed upon the magnetic cylinder using visual guides minutes



## Faster and perfect register

Up to 7000 sheets per hour, double that of letterpress platen and cylinder machines. The MC3 has a precise registration system with micro adjustment on the headlay of 1/8th Or 3mm overall or sqew, and side lay with micro adjustment.

6

run test sheets to determine registration and cutting depth minutes



## Reduced make ready time

The MC3 uses the latest magnetic technology to secure high tensile steel cutting forme to the cylinder. Due to the minimal thickness of the cutting forme, make-ready on the back of the cutting forme is unnecessary. The MC3 is fitted with micro cylinder adjustment which eliminates the use of cylinder jackets or packing and allows cutting depths to be controlled to within 1 micron. The forme can be lifted and moved easily by hand to correct the cutting position on the pre-printed sheet. This reduces the usual time consuming 'make ready' period to a few minutes.

8

adjust accordingly and set speed minutes



## Precision and flexibility guaranteed

The cutting forme used by the MC3 can reproduce any shape or line drawn by hand or computer without joints. A photo-etching process using a film positive produces the cutting forme with an equal overall thickness. Formes can be produced with a cutting rule profile from .44 upto 1mm, and are capable of up to 5 million cuts per forme

10

Run job minutes



Since commercial printing began there have been few changes to the way die cutting and kiss cutting has been achieved on pre-printed or base material. Certainly none, which have resulted in reducing make ready time by half, guarantees precision cutting and enables continuous cutting profiles to be achieved.

If you need High Production Speeds  
Quick Make-ready with Minimum Waste  
Precise Quality Kiss cutting and Die cutting  
You Need a

  
magnacutter

