

Data Sheet: Optional dynamic micro perforator DMP-100/101

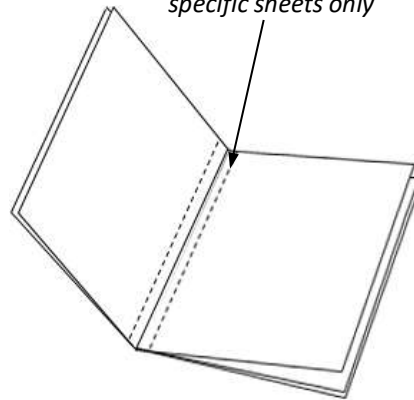
The Smart-binder DMP-100 (or DMP-101) dynamic perforator can perforate any sheet at any place based upon a barcode input. All perforations run parallel to the folded sheet edge (booklet spine).

The DMP-100 comes with 2 perforation rotary knives and the DMP-101 has 4 perforation rotary knives. Each rotary knife is activated by a single extra digit in the standard IBIS sheet barcode, so that each side of the sheet can be perforated (or not) on command. A variety of different perforation rotary knives are available ranging from micro-perf, up to a very coarse perf. The DMP makes it easy to incorporate selective "pull-out" sheets into the finished booklet.



DMP Dynamic Perforation Unit mounted between the infeed conveyor and the scoring module

Line of perforations allow any sheet to be easily torn-out. May be applied selectively to specific sheets only



DMP-100 Rotary perforator knife actuators



Perf cutting wheel options:

*Normal perf: Part No. F314052
(Slot=1.70mm, Bridge=1.00mm)*

*Micro perf: Part No. F314358 (Slot=0.28mm,
Bridge=0.23mm)*

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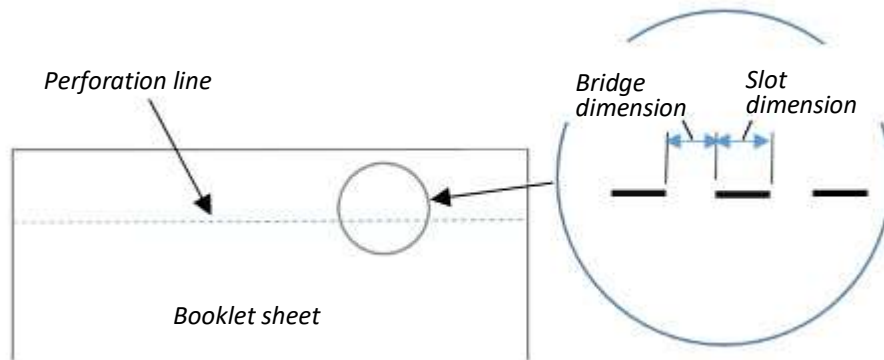
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Company registered in England, number 03703149. UK VAT Registration number 697 9379 42

The slot is the perforator cut and the bridge is the distance between cuts, as shown below:



The DMP module adds 320mm to the length of the Smart-binder system and requires a 5-bar external high-pressure air supply.

The minimum distance from the perf line to the sheet center-fold is 6mm (0.24").

Floor Plans

Floor plan of Smart-binder with DMP-100 perforator [HERE](#)

Floor plan of Smart-binder with DMP-100 and SB-097 sheet pile feeder [HERE](#)

Videos

Sheets passing through the DMP-100 module and being perforated [HERE](#)

Selective tear-out sheet provided by the DMP-100 perforator module [HERE](#)

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