

Morgana

UK'S BEST SELLING

MULTI-SPINDLE PAPER DRILLS

IRAM FROM MORGANA



THE FIRST NAME IN DOCUMENT FINISHING SOLUTIONS

IRAM HIGH PERFORMANCE

IRAMs are the UK's best-selling multi-spindle paper drills. Available only from Morgana Systems Ltd., Iram drills provide top performance in heavy duty, volume drilling operations. Superbly engineered and made from the very finest materials, IRAM drills combine accuracy and reliability in a way that makes them the No.1 choice of the discerning printer.

TABLE LIFT OPERATION

The secret of the Iram drill's unique accuracy lies in table lift operation. Unlike most drills, which operate by moving the drilling heads up and down through the stack of paper, the table of the Iram drill is lifted by hydraulic action to meet the drill bits. This imposes far less strain on the drill head mechanism, thus ensuring more consistently accurate

drilling. It also enables the Iram drill to accept a full 75mm pile height.

A pressure gauge is incorporated to monitor the condition and sharpness of the drill bits. A hand operated sharpener reduces costly down-time as the drill bits do not have to be removed from the machine.

THE IRAM RANGE

Iram drills are available in two models, the Iram 16 and 12.

The Iram 16 can be fitted with between 2 and 10 heads, while the smaller Iram 12 is available with 2, 3 or 4 heads.



MULTI-SPINDLE PAPER DRILLS

Additional heads can be added at a later date so that, for instance, an Iram 12/2 can be converted to a 12/4.

IRAM OPTIONS

The design of the Iram allows a variety of multi-spindle heads to be fitted for applications where the centre-to-centre distance is too close to permit drilling by adjacent heads. This is a vital feature for any printer or finisher working on personal organisers or similar items.

Another useful option is the Iram quick-release (QR) drill heads, which enable drill bits to be changed in seconds with a simple tool. QR heads are available for all Iram drills and can be retro-fitted.

A heavy duty suction device for removing drill chips is available for the Iram 16. Other options for this unit include air cooling of the drill bits and variable speed drill heads to enable materials such as plastic to be drilled more successfully.

Iram also offers an optional cutting belt which moves in 1mm increments every drilling cycle to ensure that a complete paper stack can be drilled without damage to the bottom sheets.

IRAM OPERATION AND SAFETY

Iram drills are operated with a light pressure treadle which activates the drilling cycle. Once the operator's foot is removed from the treadle, the table returns immediately to the start position.

Fully fitting polycarbonate guards give complete protection during the drilling operation. The guards can only be removed by using special tools.

At left from top to bottom:

- A. Optional 'QR' drill bits for Iram 12 & 16.*
- B. Pressure gauge monitors drill bit sharpness.*
- C. Drill sharpener.*
- D. Multispindle heads for personal organisers.*

At right: Iram 16 as standard.

(Front cover shows Iram 16 with optional aircooling)

IRAM FEATURES

- HYDRAULIC TABLE LIFT OPERATION
- 75MM PILE HEIGHT
- HANDLES FILOFAX AND SIMILAR APPLICATIONS
- DRILL BIT SHARPNESS INDICATOR
- HAND OPERATED DRILL SHARPENER
- UPGRADEABLE BY ADDING EXTRA HEADS
- CENTRE TO CENTRE DISTANCES FROM 19.05MM
- SIMPLE TO OPERATE



TECHNICAL INFORMATION

SPECIFICATION	IRAM 16	IRAM 12
Hydraulic table lift with adjustable speed	0-25mm/sec	0-25mm/sec
Maximum pile height	75mm	75mm
Vertical adjustment of drilling spindles	3mm	3mm
Minimum distance between centres	45mm	60mm
Maximum distance between centres	540mm	240mm
Maximum throat depth	260mm	140mm
Table size	980 x 560mm	760 x 440mm
Drill sizes	3-12.7mm	3-12.7mm
Drill shank diameter	11mm or 14.2mm	11mm or 14.2mm
Height of machine	1510mm	1480mm
Width of machine	1000mm	760mm
Depth of machine	700mm	610mm
Weight	370kg	170kg
Suction extractions of drill chips	✓	
OPTIONS		
Two spindle drilling heads	✓	✓
Three spindle drilling heads	✓	
Air cooling of drilling heads	✓	
Variable speed of drilling heads	✓	

DEALER:

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