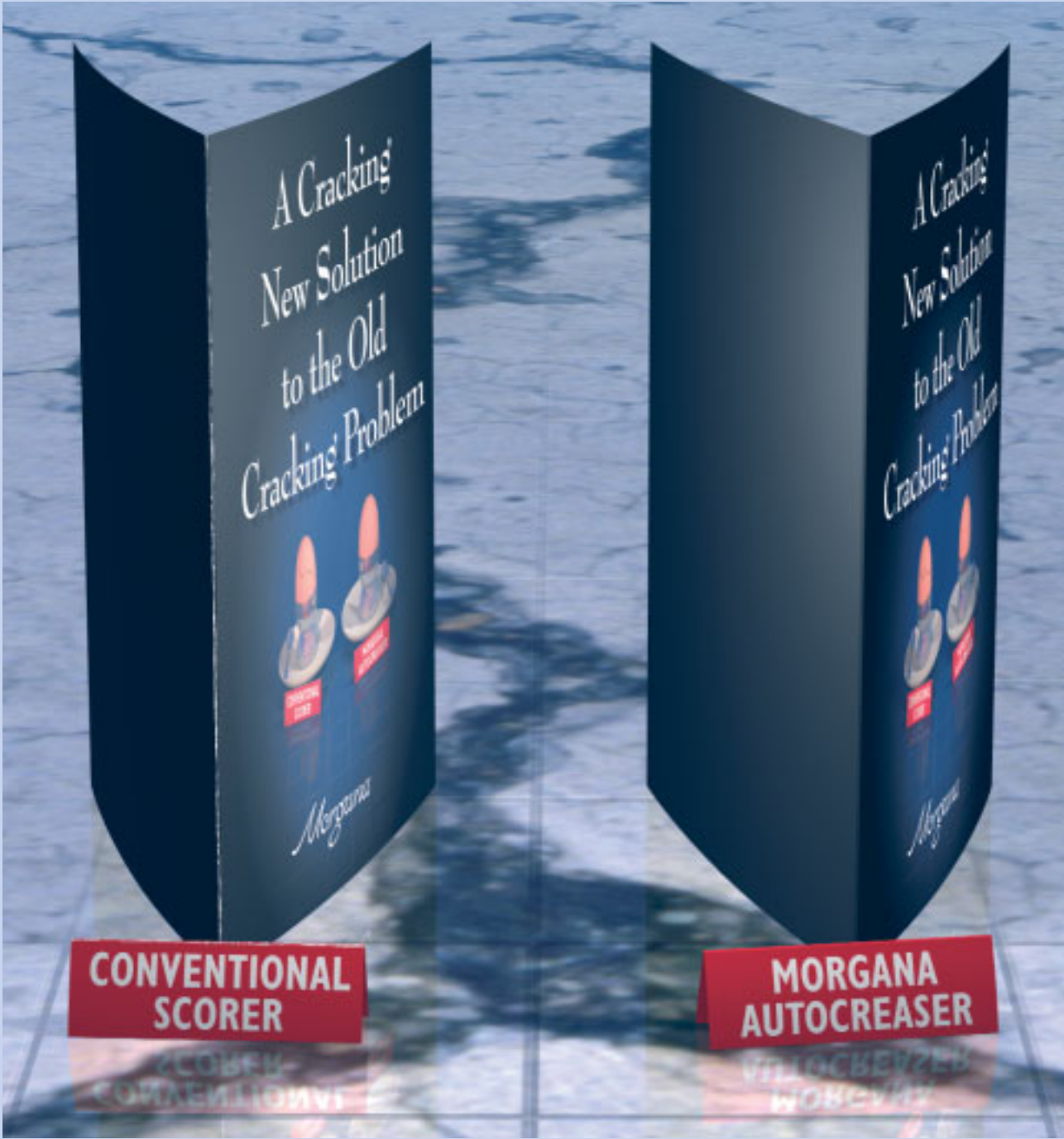


THE DIFFERENCE IS CLEAR



Creasing versus Scoring

Traditional rotary scoring machines use circular blades that are in constant motion as the stock passes through them. This creates a ploughing action that actually cuts through the top fibres of the paper or card in order to create a score. Inevitably this weakens the paper and encourages cracking.

In contrast, the Morgana AutoCreaser employs a unique creasing rule and matrix - as illustrated - that eliminates tearing and, therefore, cracking.

Technical Information

Specification	Morgana AutoCreaser
Feeding System	Bottom suction feed
MAX. SHEET SIZE	630mm x 330mm
MIN. SHEET SIZE	140mm x 160mm
MAX. PAPER WEIGHT	350gsm
MIN. PAPER WEIGHT	70gsm
MAX. NO. CREASES PER SHEET	9
MAX NO. PROGRAMMED APPLICATIONS.....	9
MIN. REPEAT CREASE DISTANCE	4mm (depending on paper weight)
MIN. CREASE DISTANCE	
...from lead edge	25mm
...from tail edge	20mm
SPEED PER HOUR (A4 Material)	2,700 single creases
.....	2,168 double creases
SPEED PER HOUR (A3 Material)	1,980 single creases
(Note: The production speed varies according to material size and the number of creases on the sheet)	
DIMENSIONS	L: 1,168mm H: 990mm W: 457mm
WEIGHT.....	109Kgs (+18Kgs packing)
POWER REQUIREMENT.....	1phase 220/240v

A CRACKING NEW SOLUTION TO THE OLD CRACKING PROBLEM



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Morgana

THE FIRST NAME IN DOCUMENT FINISHING SOLUTIONS

The Morgana AutoCreaser - A Revolution in Finishing Technology

***“With the Morgana AutoCreaser,
set-up is 10 times faster than
using a Platen”***

Morgana makes a manual creaser called the Docu-Crease for lower volume users. This is available in 35cm and 52cm models, each with adjustable backstops to allow multiple creases.

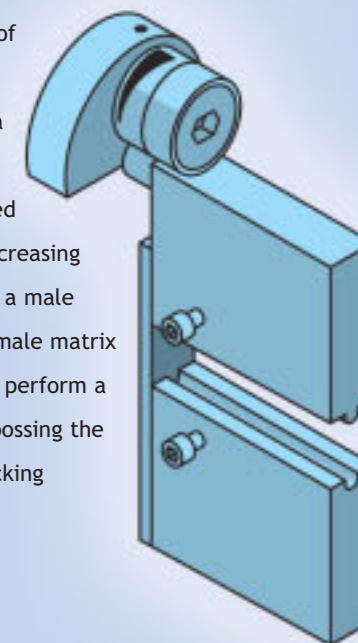


Perforating is a standard feature on the AutoCreaser.

The AutoCreaser is shown here on-line to the optional Morgana Jogger.



To eliminate cracking of the substrate the AutoCreaser employs a technique by which the fibres are embossed to weaken them. The creasing mechanism consists of a male creasing rule and a female matrix that come together to perform a superb crease. By embossing the paper in this way, cracking is eliminated.



Easy-to-use electronic controls allow the operator to dial in the required creasing positions.

The AutoCreaser, made in the UK by Morgana, provides the complete solution to the problem of cracking that occurs when folding digitally printed output. It is equally effective in dealing with conventionally printed card, laminates or cross-grained stock.

Before Morgana launched the AutoCreaser, printers and finishers faced with these problems had two choices. The first was to use a platen or cylinder press - effective, but very slow to set up and demanding high skill levels. The second involved the use of rotary scoring, which almost inevitably damages the material, resulting in white show through on the spine of the folded document.

The AutoCreaser is a fully automatic, suction fed device, which is 10 times faster to set up than a platen and is supremely easy to use. It takes a maximum sheet size of 630mm x 330mm and accepts stock up to 350 gsm.

It performs 2700 creases per hour on A4.

The AutoCreaser can also be programmed to make 9 creases in a single pass with a 4mm minimum distance between creases. For repeat work it will memorise up to 9 pre-set applications.

The AutoCreaser works by using a creasing rule and matrix action that applies several tonnes of pressure to weaken the fibres of the paper. Unlike a scorer, however, this does not tear the surface, so there is no white show-through - even when the fold is made in an area of solid colour. Creasing blades can easily be changed and the operating action can be reversed for inverse creasing.

The AutoCreaser is fully mobile with a small footprint. A single operator can feed the machine and offload the catch tray or optional jogger.

Morgana