

morgana

AutoFold Pro

INTRODUCTION AND SPECIFICATION

The **AutoFold Pro** is a self powered, stand alone folding machine with an innovative new vacuum controlled sheet alignment system which has been designed to take pre-created stock from a wide range of both Morgana and 3rd party creasing machines.

The AutoFold Pro features the unique Flying Knife Folding System used successfully in the much acclaimed Digifold which allows folding of most stocks from 0.1mm, reducing the possibility of scratching, marking or cracking of the substrate as is often associated with conventional folding systems.

A maximum paper thickness cannot be specified, as this is governed by the hardness of the substrate and the type of fold required; but in most cases stocks up to 0.35mm should present no problems providing they are properly pre-created.

It is **IMPORTANT** to note that to prevent cracking, when using dry ink or toner based print engines, the material **must** be fully acclimatised for at least 48 hours before putting an image onto the paper.

IMPORTANT the operating environment should be controlled to a temperature between 16° C and 27° C Maximum.

Specification

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| Feeding System | Conveyor Vacuum Sheet Alignment |
| Input Bed Height | Adjustable from 850mm to 1000mm |
| Max. Sheet Size | 600mm x 385mm (24" x 15") |
| Min. Sheet Size | 210mm x 140mm (8.3" x 5.5") (dependant on stiffness of paper and type of fold). |
| Max. Paper Thickness | 0.40mm (varies according to hardness, type of fold, and substrate). |
| Min. Paper Thickness | 0.11mm (varies according to hardness, type of fold, and substrate). |
| Max. No. Folds per Sheet..... | 2 |
| Max. No. Stored Programmes | Unlimited |
| Min. Repeat Fold Distance | 70mm (2.75") (depending on paper weight) |
| Min. Fold Distance from Leading Edge | 50mm (1.96") (depending on paper weight) |
| Min. Fold Distance from Tail Edge | 50mm (1.96") (depending on paper weight) |
| Min. Fold Length | 70mm (2.75") |
| Speed per Hour (A4 in half)..... | 6240 sheets (on speed 3, Pulsed) |

Note: The production speed varies according to the material size and the fold type.

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|-------------------------|--|
| Dimensions | L: 1700mm H: 1220mm W: 680mm L: (66.9") H: (48") W: (26.8") |
| Weight | 128Kgs (+50Kgs packing) |
| Power Requirement | 1 phase 115v / 60Hz USA Model |

*As part of our continued product improvement plan, specifications and information published in this manual are subject to change without notice.

All specifications are dependant on application, type of stock, temperature, RH and print engine used.

Specifications quoted were measured on uncoated and unprinted stock.

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