Morgana AutoFold Pro – In-Line Folder

Summary

The AutoFold Pro is an automatic folding machine designed specifically for the professional digital or litho printer who has the need to fold pre-creased sheets. The AutoFold can be aligned to any Morgana or other manufacturer's creaser to give perfectly-folded results on a wide range of both digitally or litho printed stocks.

The AutoFold Pro is an alternative to the DigiFold Pro when production requires both the full performance of a stand-alone creaser along with in-line folding capabilities.   For instance, when combining the AutoCreaser Pro 50 in-line with the AutoFold Pro, one can produce an unlimited number of creases on the sheet and fold in-line up to 15 x 27.5." Off-line, the AutoCreaser Pro 50 can crease up to 8,500 sheets per hour, and crease sheets up to 19.6 x 27.5."

The AutoFold Pro is also a nice addition to most existing stand-alone creasing machines, including creasing machinery from other manufacturers.   For some manufacturer's creasers, the optional short infeed conveyor may be required. Please consult your PFS professional for more details.

The AutoFold Pro is simply wheeled up to ANY manufacturer's creaser and the height of its vacuum feed conveyor is adjusted to the exit height of the creaser.

Thousands of printers have benefitted from installing a creaser to prevent cracking when folding digitally printed, heavy weight or cross-grained stocks. Folding was treated as a separate process and for many this was a manual task as traditional folding machines damaged the delicate surface of digital stocks.

The beauty of the AutoFold Pro is its simplicity allowing the user of ANY manufacturer's creaser to invest in one and to improve their productivity and quality immediately**.** It is a free standing folding unit designed for folding digital stocks using our patented flying knife technology which was developed to prevent the scuffing and marking on digital stocks that are caused by folding using conventional methods.

Both machines are turned on and the pre-creased sheets from the creaser are delivered directly onto the AutoFold Pro feed conveyor. Here they are accurately registered to the side-lay before being folded as programmed and delivered onto a motor driven shingling delivery system which will ensure consistent, high quality stacking.

Features

- SmartScreen touch screen operation
- Alpha-numeric memory
- Wheel up to any manufacturer's creasing machine
- Highly versatile
- Long conveyor for longer sheets

Specifications

Sheet Size (max.):	35.4" x 19.6" optional extension table
Sheet Size (min.):	8.2" x 5.5"
Stock Weights (max):	0.015" (approx. 150lb cover)* including laminated material
Stock Weights (min):	0.004" (approx.. 20lb bond)*
Production Speed:	6,240 sheets/hr.
Knife Fold:	Unlimited number of programmed applications and up to 2-folds per sheet
Min. repeat fold distance:	*2.75" (depending on paper weight)*
Min. fold distance from lead edge:	*1.96" (depending on paper weight)*
Min. fold distance from tail edge	*1.96" (depending on paper weight)*
Electrical:	115v 50/60Hz
Machine Dimensions (LxWxH):	66.9 x 26.7 x 48" x 282 lbs.

Flying Knife Technology

The DigiFold Pro uses our patented flying knife technology which was developed to prevent the scuffing and marking on digital stocks that are caused by folding using conventional methods. This dispenses entirely with buckle plates and conventional knives, using instead an electronically-controlled contoured flying knife around extra-large diameter rollers and moving at the same speed as the material passing through the machine. Rather than the solid deflector used in most folders, the DigiFold Pro uses another patented device in the form of a dynamic sheet deflector that only comes in contact with the leading edge of the sheet. This allows single or multiple folds to be performed without risk of scratching or marking.

This technology allows delicate digital stocks, cross-grained materials and heavy weight stocks to be folded without any of the scratching and marking caused with conventional folders. Users will benefit from the simplicity of the system which will give unparalleled performance and longevity.