

# *Superior*

**PAPER HANDLING SOLUTIONS**



## **APPLICATION BULLETIN**

### **MAJOR BROCHURE DISTRIBUTION COMPANY AUTOMATES MANUAL COLLATION PROCESS**

February 2007

A major vacation brochure distributor in the Smokey Mountain area recently automated their manual collation of vacation brochures with a Superior Paper Handling Solutions Collation System.

This customer had investigated automation solutions in 2005 but at that time, could not justify their return on investment due to the expense of competitive systems. Shortly after the launch of the **XM-1 Friction Feeder** in early 2006, Superior began working with their authorized reseller to put together pricing for a Collation System that would meet the needs of this customer at a price they could justify.

**The solution** was a 12-station Superior-PHS Collation System that consisted of twelve XM-1 Friction Feeders, one thirty-foot Flighted Infeed Conveyor, SmartControl Collator Communications Controller, and self-adjusting material control straps.

This system was set up with a selectable “indexing” and “continuous” mode operation and has the capability of future expansion.

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## **S**PECIFICATIONS:

Material Types:	- Single and multi-folded glossy brochures - Saddle-stitched Magazines / Booklets - Card Stock		
Material Sizes:	3" x 7" 3-3/4" x 8-1/2"	4" x 9" 8" x 8-1/2"	4-1/2" x 9" 8" x 10"
Speeds:	Continuous: up to 120 packages per minute Indexing: up to 75 packages per minute		

## **F**eatures:

- 30' Champion Flighted Infeed Conveyor with tool-less paper rail adjustment
- Twelve Xtreme XM-1 Friction Feeders
- Inline, Adjustable Mounting Hardware
- Self-adjusting Material Control Straps
- Index Stop Photo-Eye
- SmartControl Collator Communications Controller
  - o Touch-screen HMI
  - o Sequential Start / Stop
  - o Error Handling with Illuminated lamp indicator
  - o Pocket Timing
  - o Pause / Resume

## **Superior Paper Handling Solutions, Incorporated**

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