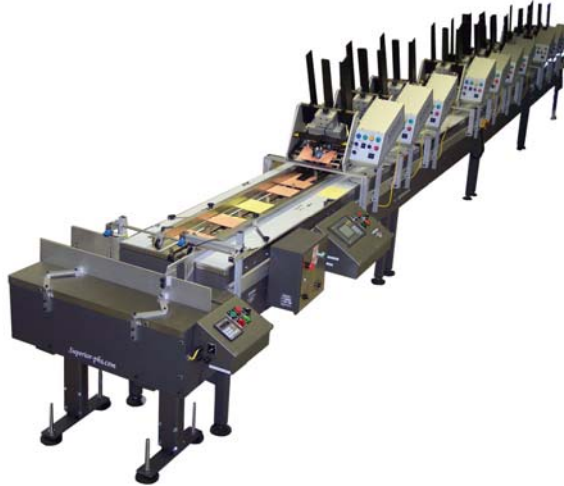


Superior

PAPER HANDLING SOLUTIONS



APPLICATION BULLETIN

MAJOR PRINTER IN MEXICO AUTOMATES MANUAL COLLATION PROCESS OF NOTEBOOK COVERS

June 2007

One of the largest printers in Mexico automated their manual collation of Note Book covers with a Superior-PHS Collation System featuring SmartControl Collator Communication.

Superior-PHS beat out all competitors based on versatility, flexibility, robustness, and ease of use. This customer had investigated automation solutions at the GraphExpo tradeshow in 2006 and after meetings with several vendors they chose to go with Superior-PHS.

The solution was a 10-station Superior-PHS Collation System that consisted of ten XM-1 Friction Feeders, a 30' Champion FLighted Infeed Conveyor, SmartControl Collator Communications Controller, Custom FLighted Infeed Accumulating Conveyor, and Self-Adjusting Material Control Straps.

This system was set up with a programmable set counter for accumulating ten stacks of 10 groups. The system also featured a programmable time pause setting to inhibit the collation process while the accumulating conveyor indexed to the next collection position. The **net productivity increased by 100%** while reducing the manual labor from twelve laborers to three machine operators.

Superior

PAPER HANDLING SOLUTIONS

SPECIFICATIONS:

Material Types: - Chipboard Notebook Covers

Material Sizes: 6" x 9" 8" x 10" 8-1/2" x 11"

Speeds: Continuous: up to 100 packages per minute

Features:

- 30' Champion Flighted Infeed Conveyor with tool-less paper rail adjustment
- Ten Xtreme XM-1 Friction Feeders
- Inline, Adjustable Mounting Hardware
- Self-adjusting Material Control Straps
- Set-Count 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
- Custom Flighted Infeed Accumulating Conveyor

Superior Paper Handling Solutions, Incorporated

9921 – 13th Avenue North – Minneapolis, MN 55441 USA
T. 763-546-9140 / www.superior-phs.com