



Application Bulletin

A DIVISION OF A MULTI-BILLION DOLLAR PRINTING CORPORATION ADDS AUTOMATION TO THEIR RETAIL FORMS PACKAGING.

APPLICATION OVERVIEW:

Batch-counting, Loose Sheet Stack Jogging and Squaring for Retail Pack Quality, Delivery to Shrink Wrap System.

APPLICATION DETAILS:

A large division of a multi-billion dollar printing corporation sought out an automation solution for the fulfillment process of jogging and squaring loose stacks of up to 150, 8.5 x 11 sheets and up to 50 envelopes, then deliver retail quality stacks to shrink wrap system. The existing process was to utilize 3 employees for 2 shifts by 5 to 6 days per week to take the stacks from the batch counting system, jog the stacks in a semi-automated jogging station, then manually set the stacks in the lugged infeed of the shrink wrap system.

After a thorough evaluation of the range of possible market solutions; the solution chosen was a **Pulsar Jogging System by Superior-PHS** which was configured to automatically accept stacks from the batch counting system, jog the stack to retail quality, and automatically deliver the stacks to the lugged infeed of the existing wrapping system. The **Pulsar System** allowed the corporation to reallocate the 3 employees on each of the 2 shifts to more productive positions and increase the line speed by up to 25%. The corporation's payback was well under 6 months. At a cost under \$65,000 and floor space requirements of under 6-feet, this system is the perfect solution for producing quality retail packages of paper products.



Pulsar Systems can be configured with Superior-PHS Batch Count Systems, Verification Systems, Top Sheet Placers, Transfer Systems, PrintStar Systems, and more, or it can be easily integrated with customer's existing production lines.

The **Pulsar System** as shown can run products 3" x 3" up to 12" x 14", (smaller and larger formats are available) and from 2 sheet thickness to 3.0 inch thickness (larger heights are available). Pulsar Systems can be configured to run off-line or in-line, and can run a wide range of product types.

Superior-PHS can provide any combination of integrated modules for your application or a complete turnkey system tailored to meet your specific application requirements.

Superior-PHS offers a full range of jogging and squaring solutions to meet your specific application and budget requirements.

Superior-PHS

14414 21st Avenue North
Plymouth, MN 55447

Phone: 763-546-9140

Fax: 763-546-8883

E-mail: info@superior-phs.com

Web: www.superior-phs.com

Molded belts, stepper motors, and robust design provides years of reliable service.

