



SMARTFEED®

AUTOMATED INFEEED CONVEYORS

PrH

PRODUCT
HANDLING

➤ Maximize throughput with controlled product flow

Whether you need to automatically feed product into a shrink wrapper, cartoner or just need to evenly space your product, Shuttleworth's versatile line of SmartFeed® automated infeed conveyors make transporting and indexing product quick, easy and productive.

Smartfeed conveyors can maximize throughput by feeding product more efficiently throughout your packaging line. Equipped with Shuttleworth's innovative Slip-Torque™ roller technology, Smartfeed provides low back pressure accumulation, allowing for gentle product handling while also properly spacing the product into the wrapper – minimizing the potential for product damage to occur.

Shuttleworth offers a variety of flexible SmartFeed options to complement your packaging line. And, interfacing is made easy by utilizing extended power roller shafts to assist with the transfer of smaller sized products onto conveyors designed with large diameter tail pulleys. Optimize your packaging line with Shuttleworth's Smartfeed infeed conveyors.

Our line of Smartfeed infeed conveyors are designed for reliability and durability to withstand the rigid demands of packaging lines.

FEATURES AND BENEFITS

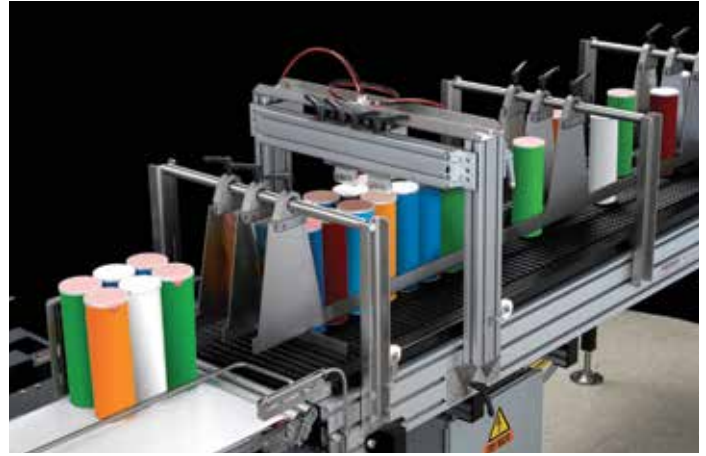
- Durable aluminum or stainless steel construction
- Controlled, continuous product flow
- Minimizes product damage to preserve product integrity
- Easy integration with current packaging line
- Easy access, cleanability and maintenance
- Reduces manual labor costs to improve your bottom line results

Line after line, decade after decade, more manufacturers trust Shuttleworth for their product handling needs.



SMARTFEED

The low back pressure SmartFeed controls the line pressure so the wrapper with a metering belt can more accurately position the product. This will benefit the user with a highly efficient packaging line running at peak performance.



MULTI-PACKER SMARTFEED

Each Multi-Packer SmartFeed is designed to release a pattern of multiple products in time with a flighted or belted wrapper infeed. A product stop combined with an adjustable overhead brake controls the number of products released to the wrapper.



GATED & HIGH-SPEED GATED SMARTFEED

The Gated SmartFeed & High-Speed Gated SmartFeed® uses a product stop to synchronize the release of the product to the flighted infeed of a wrapper. The combination of the low pressure queue area, speed change, and the product stop, makes for a jam-free operation. Gated infeeds operate at rates of 20 to 80 products per minute. The high-speed infeed can reach rates of 120 products per minute.



SERVO SMARTFEED®

The Servo SmartFeed combines buffering and indexing into a single source solution for feeding packaging equipment without the use of devices. This unique system monitors production flow and delivers this information to the wrapper for speed modulation. The Servo SmartFeed automatically synchronizes to the packaging machine so that products are precisely and consistently placed on the infeed of the wrapper or cartoner. This machine is designed for either an industrial or food application and has a Human Machine Interface (HMI) to accommodate variable product sizes.