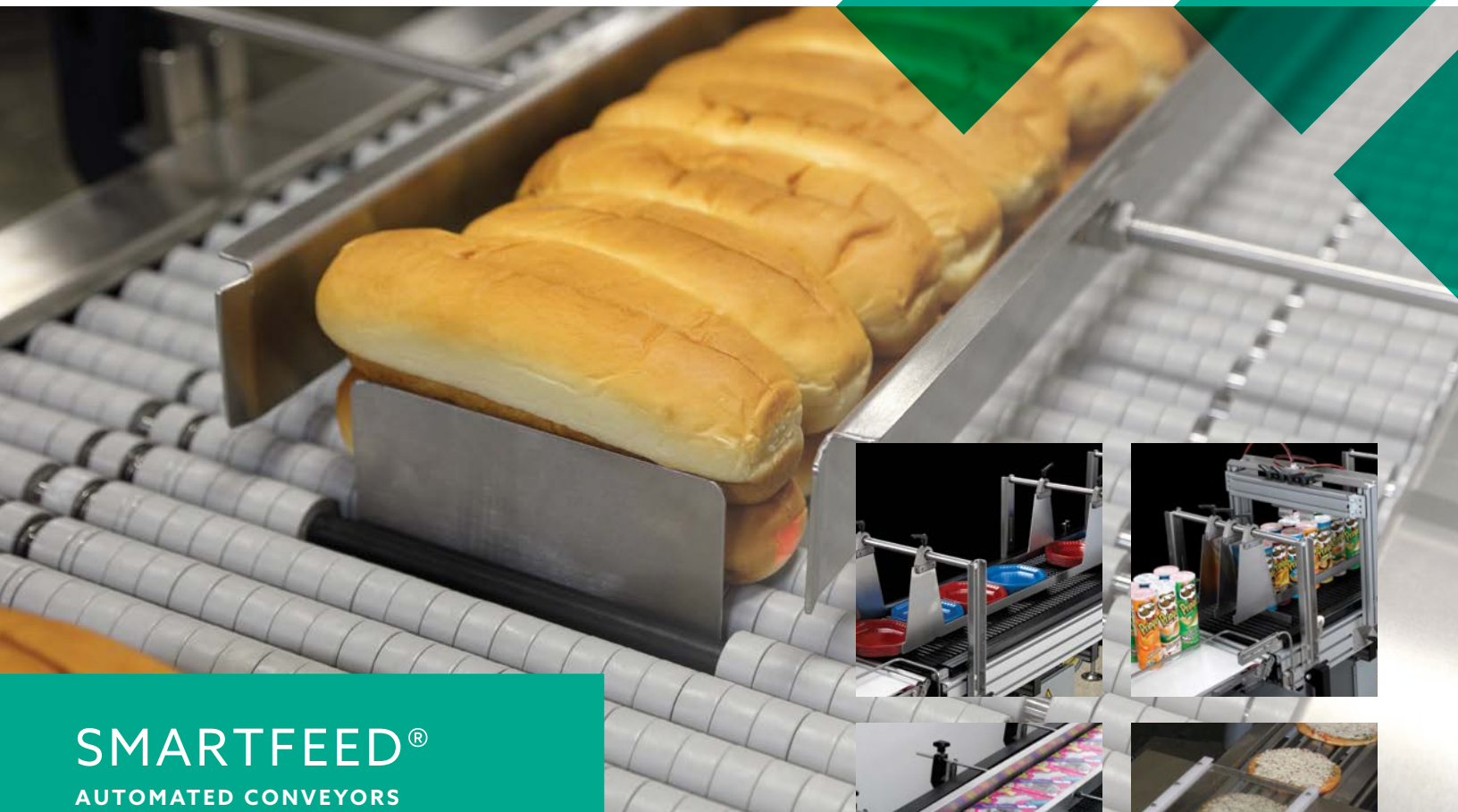




SMARTFEED® AUTOMATED CONVEYORS

Four SMARTFEED® designs
to handle all your automated
conveyor and packaging needs

Shuttleworth offers a complete line of automated infeed conveyors for packaging machinery. Our unique Slip-Torque® design, with our low back pressure roller surface, allows for gentle accumulation and minimizes potential product damage while allowing the wrapper to properly space the products.



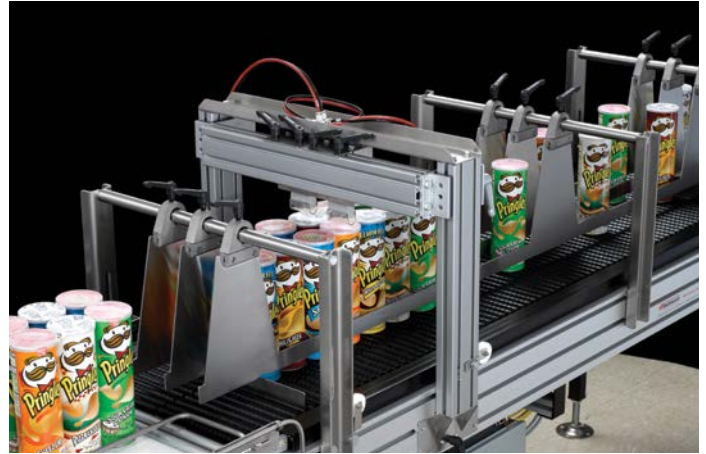
FEATURES AND BENEFITS

- Interfacing with a SmartFeed® is made easy by using powered extended roller shafts that assist with transferring small products onto conveyors with large diameter tail pulleys.
- The entire SmartFeed line may be integrated with new OEM machinery or to existing machines in the field.



SMARTFEED

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



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 control the number of products released to the wrapper.



GATED & HIGH-SPEED GATED SMARTFEED

The Gated SmartFeed & High-Speed Gated SmartFeed® use 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, the 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 will 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. The unique Slip-Torque 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.