



# ROBOT READY SOLUTIONS

BY SHUTTLEWORTH



PrH

PRODUCT  
HANDLING

## > Your Robot Ready Partner in Automation

Shuttleworth is proud to partner with robotic system integrators to create automated solutions for the automotive, electronics, food & beverage, healthcare/ pharmaceutical, paper, personal care, printing & binding, and solar energy industries.

If your customers are having challenges making rate or seem to require a larger robot due to product back pressure, Shuttleworth's low back pressure conveyor and staging process can improve product/part presentation and lower cycle times enabling the use of smaller and/or fewer robots for many automated processes.

Partnering with integrators, Shuttleworth develops the best product handling solutions to meet specific industry challenges and needs – providing improved profitability to the end user through creative and cost-effective solutions.

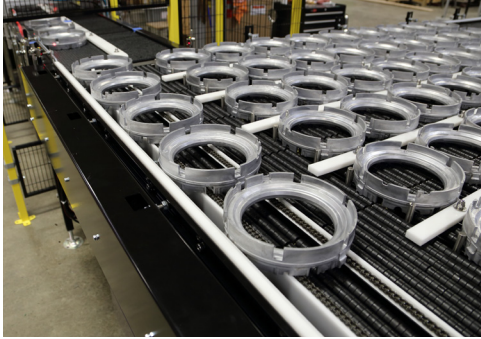
### FEATURES AND BENEFITS

- Low Back Pressure Slip-Troque® conveyor for lighter EOAT
- Pattern forming for multi-pack capabilities and more products per pick reduces cycle times
- Gentle product handling
- Specialty devices and options available for better product presentation
- Configurable conveyor surface for irregular products
- Optimize assembly, case packing, machine tending and palletizing processes
- Reliable solution requiring low maintenance

Custom-engineered to desired specifications, to meet exacting governmental and industrial specifications, Shuttleworth offers robot ready solutions in extruded aluminum and stainless-steel frame configurations for traditional industrial applications to class 10 or better cleanroom applications.

### LOW BACK PRESSURE ACCUMULATION

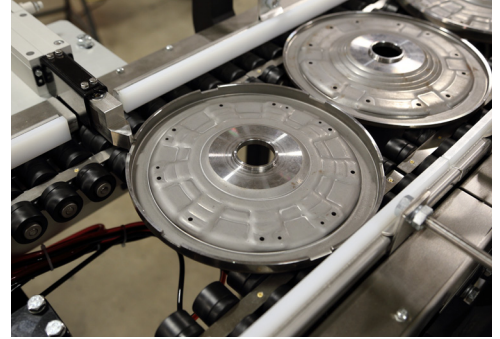
Shuttleworth's patented Slip-Torque technology enables gentle product buffering in single or multiple lanes.



MULTI-LANE TO SINGLE LANE ACCUMULATION



MULTI-LANE TAPERED CUPS



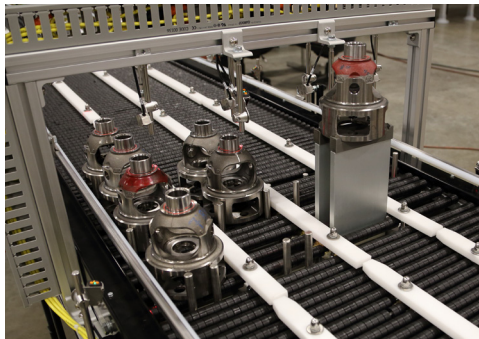
SINGLE LANE ACCUMULATION WITH  
OPEN CENTER SURFACE

### PRODUCT PRESENTATION & PATTERN FORMING

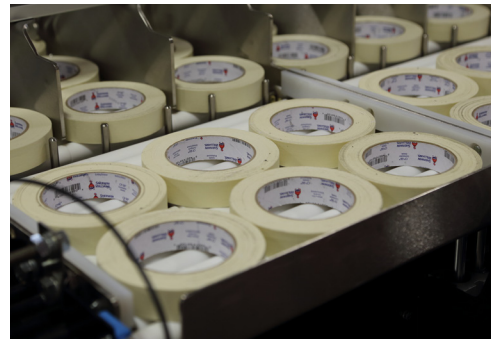
Whether the process requires single presentation or pattern formation, Shuttleworth provides precise product placement every cycle.



PRODUCT & PALLET MARSHALLING



IN-SURFACE PRODUCT PRESENTER



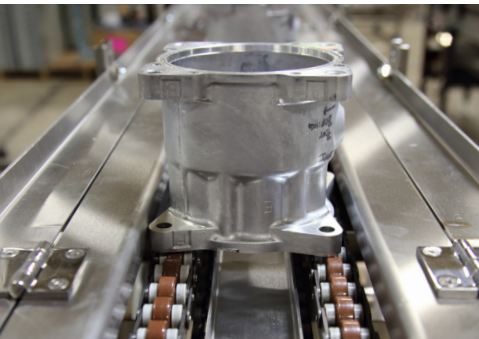
PATTERN FORMING FOR ROBOTIC CASE PACKER

### CUSTOM DEVICES & SURFACES

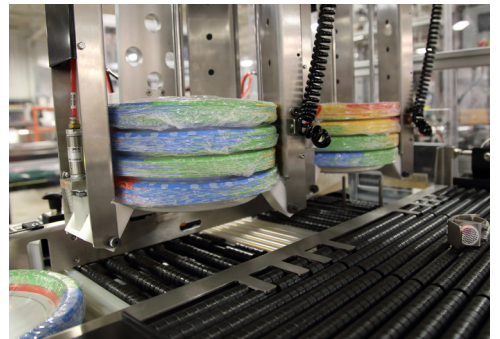
Optimize operations with Shuttleworth's custom devices and surfaces to improve product flow and increase throughput.



IN-SURFACE LIFT GRID



ROLLER CHAIN SURFACE



STACKER WITH SLIP-TORQUE SURFACE FOR  
ROBOTIC CASE PACKER