



## Professional Packaging Systems

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# Shuttleworth Zone Control Conveyors



## At a Glance

- Ideal for moving fragile, motion-sensitive products requiring no product-to-product contact
- Fabricated of ultra clean, non-outgassing components and materials
- Double-sided positive roller drives can eliminate product crabbing or skewing

## Pricing

Call us at **888-318-0083**

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

## Move Fragile Products with No Contact

Shuttleworth Zone Control conveyors are ideal for moving fragile, delicate, motion-sensitive materials and products requiring no product-to-product contact.

Electronically controlled, these conveyors are constructed with Shuttleworth's Slip-Trak design, fabricated of ultra clean, non-outgassing components and materials. These conveyors can be configured to comply with and operate inside FED-STD 209E Class 1 (ISO Class 3) clean room environments.

Electrostatic discharge levels on the conveyor surface typically 25 volts or less (product and speed dependent). The surface can be tailored to ESD levels approaching one volt.

The Zone Control conveyor is safe, quiet, sleek and ergonomically friendly. Every roller on both sides of the conveyor is positively driven. This double-sided positive drive limits or eliminates product "crabbing" or skewing, even with distorted products/carriers. Zoned rollers are active only "on demand". When the product leaves a zone, all rollers turn off. Speed acceleration and deceleration can be customized. Each module is controlled by a PLC, within the conveyor frame. The independent modules allow for easy installation in new or reconfigured material handling lines and can be floor, sub-floor, in-plenum, ceiling or wall mounted.

The Shuttleworth Zone Control conveyor systems include conveyors, rotator/corner devices, vertical conveyors, horizontal and side transfers, and sets a new standard for ultra-clean, low-level ESD, non-contact accumulating material handling.

## Features & Benefits

Low electrostatic discharge (ESD) surface offers ESD control (less than 2 V)

Modular design which can be mounted to subfloor, above floor, ceiling or enclosed space areas  
Modules can be easily reconfigured for rebuilds or the rearranging of system layouts  
Reduces product damage due to electrostatic discharge (ESD)  
Open design allows free air flow, reduces air turbulence and permits easy tooling access  
Gentle product handling  
Zones can be altered

## Ideal Industries & Applications

Biomedical  
Non-contact  
Low ESD  
Low vibration  
Semiconductor  
Wafers  
Disk & flash drives  
Cassettes  
Fragile surface material products

## Specifications

Available Drives	Individual DC drives
Available Roller Sizes	32 mm
Lengths	250mm to 2000mm, zone dependent
Widths (Conveyable Surface)	Custom, Open Center
Environment	ISO 4, Class 10 Cleanroom

Please [contact Pro Pac](#) or call 888-318-0083 for your product handling equipment.