

Customer Benefits

- World-wide installation and service
- Modular designs for easy reconfiguring of existing or new production lines
- Products can be transported directly on the Slip-Trak® or Low Profile conveyor surface
- Consistent quality components and craftsmanship
- Systems fully assembled for customer inspection before delivery
- Shuttleworth is Research and Development focused for continuous improvement
- ISO 9001 certified worldwide

Product Selection

● Slip-Trak®

Slip-Trak® is a safe and quiet clean conveyor, independently certified and designed to be compatible with Federal Standard 209E Class 10 and Class 1 (ISO Class 4 and ISO Class 3) clean rooms. Slip-Trak® allows for multi-lane, simultaneous bi-directional or reversing product flow. It is user friendly with low vibration and low noise levels. It has an ergonomic, aesthetic design. The through shaft or open center construction maximizes process adaptability with low line pressure accumulation/stocking and process buffering.

Standard lengths: 500, 1000, 1500, 2000, 2500 or 3000 mm
(19.7, 39.4, 59.1, 78.7, 98.4, 118.1 in)

Standard widths, open center: based on product weight
Standard widths, through shaft: up to 1500 mm (59.1 in)

Floor, sub-floor, ceiling or wall mountable

Flexible belt drive

Maximum load per shaft - standard: 1.8 kg (4.0 lb)

Maximum surface speed: 30 m/min (98 f/min)

Continuous roller chain drive (for extreme loads or environments)

Maximum load per shaft: 3 kg (6.6 lb)

Maximum surface speed: 50 m/min (164 f/min)

ESD safe (selectable from a 20 volt to <5 volt surface)

Application specific thermoplastic or stainless steel rollers

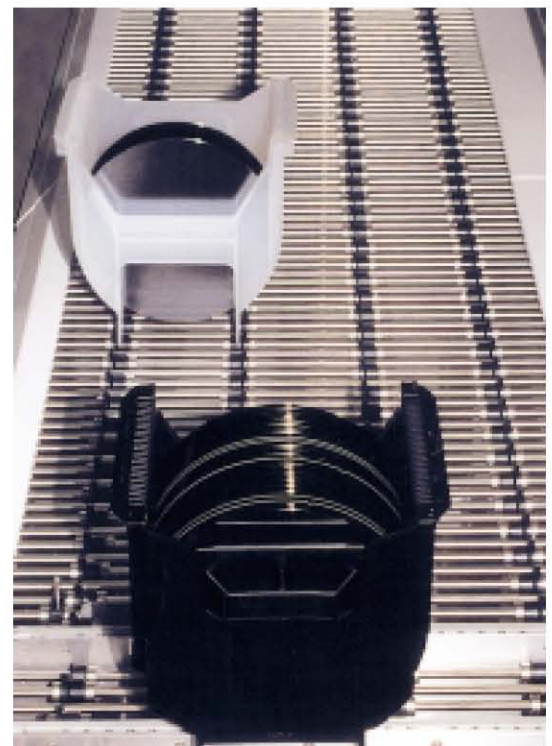
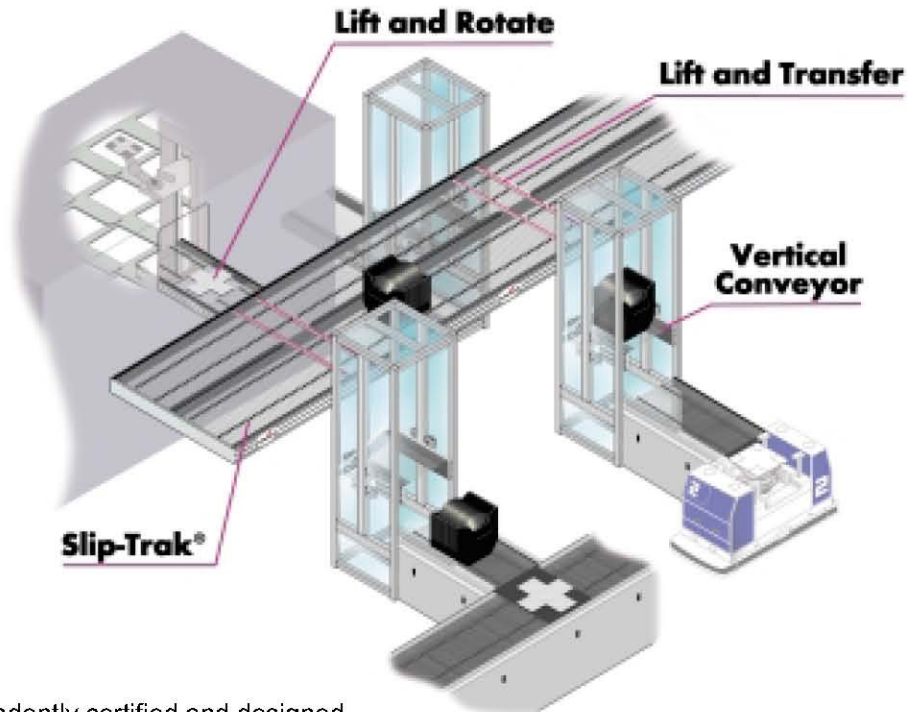
Custom engineered rollers are selected to meet requirements for:

Class 10 or Class 1 (ISO Class 4 or ISO Class 3) cleanliness

Non-out gassing properties

Thermal and chemical resistant

Custom System Using Standard Components



● Low Profile

Clean belt-driven low profile conveyor is designed to minimize overall dimensions. This space saving model is stackable and allows conveyor to be suspended overhead, installed sub-floor or wall mounted.

Standard lengths: 500, 1000, 1500, 2000, 2500 or 3000 mm
(19.7, 39.4, 59.1, 78.7, 98.4, 118.1 in)

Standard widths: 200, 300, 400, 500, 600 mm
(7.9, 11.8, 15.8, 19.7, 28.6 in)

Standard overall width: add 150 mm (5.9 in) to standard width

Maximum load per shaft - standard: .5kg (1.1 lb)

Maximum surface speed: 18 m/min (59 f/min)



● Zone Control

The Zone Control Conveyor (ZCC) is a non-contact transport system with drive rollers on one or both sides. Shuttleworth ZCC offers less vibration and more stability when driven from both sides. ZCC meets Federal Standard 209E Class 1 (ISO Class 3).

Standard lengths: 500, 1000, 1500, 2000, 2500 or 3000 mm
(19.7, 39.4, 59.1, 78.7, 98.4, 118.1 in)

Standard widths: 50 mm up to 1000 mm (2.0 - 39.4 in)

Drive roller spacing: 50 mm (2.0 in) increments

Drive roller loading (per roller maximum):

Single side drive: .3 kg (.66 lb)

Double side drive: .25 kg (.55 lb)

Surface speed: 0 to 20 m/min (0 to 66 f/min)

Open center on single sided drive option

Through shaft, one per zone on double sided drive option

Mountable: subfloor; leg mounted, above floor; ceiling or plenum

Zoned, non-contact queuing and accumulation:

Product zone length: 250 to 1000 mm in 50 mm increments
(9.8 to 39.4 in) in (2.0 in) increments



● Vertical Conveyor

Vertical conveyors are designed as fully-integrated, multiple position units. They lift products to the desired elevation. Vertical conveyors in combination with other conveyor sections can form a bridge. Cleanroom versions are available to Federal Standard 209E Class 10 or better (ISO Class 4 or better).

Minimum infeed elevation: 550 mm (21.7 in)

Standard discharge elevations: up to 4000mm (157.4 in)

Taller custom elevations: available

Maximum load: 20 kg (44 lb)

Shuttleworth Conveyor type as required



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ISO 9001:2000 Certification

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Part Number