

# RSI SoloTrack

## Carrier On Demand

*The only Single track power and free conveyor in the world!*

The unique, patented RSI SoloTrack Conveyor System requires significantly less floor space than a conventional overhead system. An average system installation can save 30% to 35% in floor space.

### Conveyor Drive

- Heavy duty welded plate construction
- Integral chain take up
- High torque gear reduction drive with inverter duty motor

### Load Bar Rotation

- In line rotator turns load bar 90 degrees to close pack position
- Second in line rotator returns load bar to straight track position
- Stationary rotator rotates load bar while carrier is stopped

### Track/Short Radius Turns

- Standard enclosed 10' straight sections
- 2' centerline radius turns
- 500# Capacity

### Support Steel

- Modular stands anchored to floor
- Welded tubing construction
- Bolted track/stand connections  
Custom Design Available

### Control System

- PLC coordination of system features
- Variable frequency drive

### Carrier on Call

- Manual/automatic queuing of carriers at critical operation points
- System automatically holds carrier for operations requiring additional time when queue space is available
- Operator early releases carrier on short time operations

### Rotary Switch

- Allows carriers to move from one powered conveyor to another
- Available in 90 or 180 degree rotation
- Enables Just In Time production by utilizing alternate processes

### Delay Station

- Track mounted delays stop carriers by disengaging tow pin from chain
- Delays operate independently, slaved or cascaded
- Delays are also used for average carrier value stations

### Carrier Accumulation

- Zero pressure accumulation at delay station
- Carriers accumulate in close pack position
- Carrier centers measured in inches, not feet

### RSI Accumulation

- Variable center accumulation to accommodate product size changes
- Accumulation on inclines, declines and level track
- Changing centers requires only entering product size on HMI screen

