

INNOVATIVE BELT CURVE CONVEYOR TECHNOLOGY

Packages have gotten smaller as footprints have become more compact, loads have become heavier, and safety requirements stricter. Intralox's Series 2300 Flush Grid Nose-Roller Tight Turning belt meets those complex radius challenges using industry-leading design modeled from the relationship between belt speed, load distribution, and turn and width severity.

Benefits

Superior Small Product Handling

- 0.75 in (19.1 mm) diameter dynamic nose-roller transfer capability
- Smooth upper belt surface for easy product handling at nose-roller transfer point

Enhanced Belt Performance and Life

- Features Intralox's patented Load-Sharing™ belt edge
- Minimizes stress and fatigue in critical areas of belt
- Improved load sharing across the links
- Virtually eliminates weld line fatigue failure
- Drastically reduces rod and module failure

Optimal Layout Flexibility

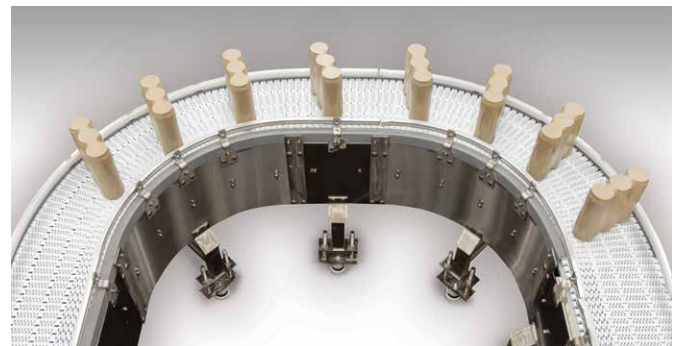
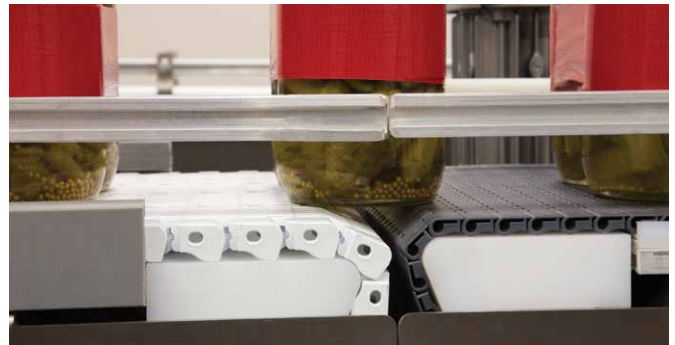
- 1.7 times the belt width turn ratio

Increased Safety

- Maximum belt opening 0.24 in (6.2 mm) for increased safety

Improved Total Cost of Ownership

- Minimizes unscheduled downtime
- Improved lug tooth sprockets for sprocket engagement and life
- Easier maintenance due to headless rod system



Additional Benefits

Intralox's industry-leading radius modeling and design offers improved molding technology, molding design, and part design, through strategic and scientific methods. Our virtual models reveal small design details that largely impact belt performance. The patented **Load-Sharing edge** then improves load sharing across the links, reduces stress in critical areas, and minimizes fatigue failure in belt sections. Outputs from real-world testing consistently confirm these virtual results, proving the S2300 is the best radius solution on the market today.