



**Key Industry:**  
Material Handling

**Applications:**

- Lithograph cases
- Shrink-wrapped trays
- Plastic totes
- Corrugated paperboard

**Features:**

- LBP rollers for low product friction
- Now available in three curve retention designs:
  - ST (Side TAB)
  - B (Bearing)
  - NT (No TAB)
- Available in widths from 12 to 18 inches (305 to 457 millimeters)

## Rexnord 7963 Series Side-flexing Low Backline Pressure MatTop Chain

### Superior performance in side-flexing applications with low backline pressure rollers.

The Rexnord® 7963 Series Side-flexing Low Backline Pressure (LBP) MatTop® Chain is designed for superior performance in the most punishing case handling applications. With increased thickness and pin diameter, and more chain widths to choose from when compared to our other side-flexing MatTop Chain, this chain can handle nearly any operational requirement.

### LBP rollers for maximum efficiency

This chain offers maximum efficiency for curve applications, featuring LBP rollers that reduce backline pressure between cases by as much as 75 percent.

### Optimized for case handling

- Available in chain widths from 12 to 18 inches (305 to 457 millimeters)
- An exclusive 1.75 to 1 turn radius provides a 20 percent gain in overall floor space when compared to the closest competitive product
- Substantial gains in the load capacity through the turns increase the ability to design larger conveyor lengths, reducing the overall drive requirements



**Features and benefits:**

**Optimized for case handling applications**

- Handles higher workloads at high speeds

**Extended wear life**

- Increased chain thickness and thrust load surfaces improve overall chain wear life

**Solid surface**

- Eliminates pinch points inherent in competitive product designs
- Eliminates package skewing
- Prevents container tipping and jam-ups at critical transfer points

**High strength**

- Maintains strength levels in both the curve and straight sections, providing greater load-carrying capacity and minimized pin wear

**Chain widths from 12 to 18 inches (305 to 457 millimeters)**

Curve Retensions	Width	
	inch	millimeters
ST and NT	12.0	305
ST, B* and NT	13.0	330
ST, B* and NT	13.5	343
ST, B and NT	14.0	356
ST, B and NT	14.5	368
ST, B and NT	15.0	381
ST, B* and NT	16.0	406
ST, B* and NT	16.5	419
ST, B and NT	17.0	432
ST, B and NT	17.5	445
ST, B and NT	18.0	457

\*B available in CW or CCW only, S-Turn not available

**Three curve retention methods**

- ST (Side TAB) on the inside radius for applications where cases overhang the width of the chain
- B (Bearing) on the inside radius for high-speed and high-corner load applications
- NT (No TAB) on the inside radius for standard applications

**LBP rollers**

- Reduced backline pressure between cases by as much as 75 percent

**Available in CW, CCW and S-Turn side-flexing directions for your conveyor application needs**

**Multiple chain materials available**

- HP™ is standard
- P, PS® and WHP on a MTO basis

**Easy access pin retention**

- Allows for simple assembling, disassembling and servicing

**Heavy-duty split thermoplastic sprockets**

- 11 tooth, 13 tooth and 16 tooth

**Functionally equivalent to:**

- Intralox 2200 and Habasit M3840 (Rexnord 7960 Series MatTop Chain has higher corner working load with increased wear life)

**Curve Retention Options**



**Rexnord 7963 Series Side-flexing Low Backline Pressure MatTop Chain Dimensions**

