

# Belt Driven Live Roller Conveyor

Belt Driven Live Roller Conveyor (BDLR) provides an economical live roller conveyor for systems that require side loading and handle a wide variety of product sizes. BDLR modules are motor driven and provide a manually pre-adjusted driving force to the carrying rollers for positive conveyance of product in various applications. They are offered in a range of widths and can be configured with different drive and take-up options.

## Technical Data:

<p><b>Standard Widths:</b></p> <ul style="list-style-type: none"> <li>Nominal Widths (NW) available are 15", 18", 24", 30", 36", 42" and 48"</li> <li>Belt widths available are 9" and 12"</li> </ul>	<p><b>Standard Lengths:</b></p> <ul style="list-style-type: none"> <li>Individual bed lengths of 24" to 120" in 3" increments</li> </ul>	<p><b>Belting:</b></p> <ul style="list-style-type: none"> <li>Friction Surface x Friction Surface (FS x FS)</li> <li>Other materials available upon request</li> </ul>
<p><b>Frame:</b></p> <ul style="list-style-type: none"> <li>Roller Set Low (RSL) – 7" deep formed 12 gauge steel channel</li> <li>Roller Set High (RSH) – 5" deep formed 12 gauge steel channel</li> <li>Powder coated NACI blue as standard; additional colors available</li> </ul>	<p><b>Drives:</b></p> <ul style="list-style-type: none"> <li>Center or head end drive</li> <li>Direct or indirect mounting</li> <li>6" to 10" urethane lagged drive pulley</li> <li>Manual take-up as standard; automatic take-up available</li> </ul>	<p><b>Rollers:</b></p> <ul style="list-style-type: none"> <li>1.9" diameter, 16 gauge galvanized with 7/16" hex shaft</li> <li>Pop-out carrying rollers (RSH frames only)</li> <li>Carrying rollers on 3" centers</li> <li>Pressure rollers on 6" centers</li> </ul>
<p><b>Terminal Ends:</b></p> <ul style="list-style-type: none"> <li>3" to 6" diameter crowned head and tail pulleys</li> <li>Adjustable snub roller</li> </ul>	<p><b>Live Load Capacity:</b></p> <ul style="list-style-type: none"> <li>Up to 100 lbs per foot standard</li> <li>Greater capacity available upon request depending on selection of rollers and layout of bed supports</li> </ul>	<p><b>Motor/ Speed:</b></p> <ul style="list-style-type: none"> <li>3/4 to 10 hp gear motor</li> <li>Speeds ranging from 60 to 320 fpm standard</li> <li>Higher speeds available upon request</li> </ul>

### Features:

- Bolted Construction
- Quiet Operation
- Easy to Maintain
- Taper lock Sprockets
- High Speeds

### Applications:

- Transportation
- Sortation
- Packaging
- Inspection

### Options:

- Spring/Air Take-up
- Supports
- Side Rails
- Under Guards
- End Plates

