The Model 138-LRC is a light-duty live roller curve that provides a positive drive for negotiating 90°, 60°, 45°, or 30° turns. It may be self-powered or can be slave driven from 138-ACC, LRS or LRSS conveyors.

- 4 Bed Widths
- Reversible
- Adjustable LS-Type Floor Supports Available

Conveyor shown with optional floor supports

<table>
<thead>
<tr>
<th>Between Rail Width</th>
<th>Overall Frame Width</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
<th>&quot;R&quot;</th>
<th>Number of Rollers **</th>
<th>WEIGHTS (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>&quot;A&quot;</td>
<td>&quot;B&quot;</td>
<td>&quot;C&quot;</td>
<td>&quot;R&quot;</td>
<td>90°</td>
<td>60°</td>
</tr>
<tr>
<td>10&quot;</td>
<td>12&quot;</td>
<td>3 1/4&quot; MAX</td>
<td>9 1/4&quot;</td>
<td>9 3/4&quot;</td>
<td>25&quot;</td>
<td>305</td>
<td>385</td>
</tr>
<tr>
<td>13&quot;</td>
<td>15&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>227/45</td>
<td>141/125</td>
</tr>
<tr>
<td>16&quot;</td>
<td>18&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22&quot;</td>
<td>24&quot;</td>
<td>10 1/4&quot;</td>
<td>10 1/4&quot;</td>
<td>32 1/2&quot;</td>
<td></td>
<td>276</td>
<td>258</td>
</tr>
</tbody>
</table>

*T = Tapered  \*S = Straight
All weights in catalog are conveyor weights only.
Accessories, crating, etc., are not included.

**NOTE:** 24 in. OAW curve has 1.9 in. dia. tapered & straight rollers mounted in a 6 1/2 in. x 1 in. x 12 ga. painted form steel channel.
**138-LRC**

**BED**—(LRC) Roller bed with 1 1/8 in. dia. roller x 18 ga. galvanized tube and 1/8 in. HRS hex shafts (12 in.–18 in. OAW) and 2 1/2 in. dia. tapered to 1 1/8 in. dia. roller x 16 ga. galvanized tube and 1.9 in. dia. straight rollers x 16 ga. galvanized tube 1/4 in. HRS hex shafts (24 in. OAW). Mounted in 6 1/2 in. x 12 ga powder painted formed steel channel frame.

**END DRIVE**—Mounted underneath bed section on outside radius.

**DRIVING BELT**—Endless B-section V-Belt, industrial grade.

**PRESSURE SHEAVES**—2 1/2 in. dia. with 3/8 in. bore.

**IDLER SHEAVE**—4 in. dia. x 1/8 in. bore V type and/or 5 1/2 in. dia. x 3/8 in. bore flat type.

**TAKE-UP**—Take-ups provided to maintain proper V-belt tension. Includes 4 1/8 in. dia. x 1/8 in. bore V type take-up sheave.

**BEARINGS**—Sealed, pre-lubricated, self-aligning ball bearings with eccentric lock collar on flange and pillow block bearings. Pre-lubricated ball bearings in tread rollers.

**BUTT COUPLINGS**—Standard for connecting 138-ACC, 138-LRS, and 138-LRSS.

**SPEED REDUCTION**—Sealed worm gear reducer, driven by V-belt. No. 50 roller chain to drive sheave.

**MOTOR**—1/2 HP–208/230/460/575V–3 PH. 60 Hz. Totally Enclosed.

**CONVEYING SPEED**—Constant 65 FPM.

**CAPACITY**—150 lbs. total distributed live load.

**FLOOR SUPPORTS**—Now supplied as optional equipment.

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**NOTE:**
- CURVES MAY BE 30°, 45°, 60°, & 90°
- CURVES ARE NOT ACCUMULATING
- SNUB ROLLER ADJUSTMENT IS ON DRIVE BELT SIDE OF CONVEYOR

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**STANDARD SPECIFICATIONS**

**BED**—(LRC) Roller bed with 1 1/8 in. dia. roller x 18 ga. galvanized tube and 1/8 in. HRS hex shafts (12 in.–18 in. OAW) and 2 1/2 in. dia. tapered to 1 1/8 in. dia. roller x 16 ga. galvanized tube and 1.9 in. dia. straight rollers x 16 ga. galvanized tube 1/4 in. HRS hex shafts (24 in. OAW). Mounted in 6 1/2 in. x 12 ga powder painted formed steel channel frame.

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**CONVEYING SPEED**—Constant 65 FPM.

**CAPACITY**—150 lbs. total distributed live load.

**FLOOR SUPPORTS**—Now supplied as optional equipment.

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**OPTIONAL EQUIPMENT**

**FLOOR SUPPORTS**—LS type floor supports are available with a wide range of adjustment. Specify top of belt or roller elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor. Knee braces recommended above LS-6 support.

**CONVEYING SPEED**—Other constant and variable speeds from 25 to 120 FPM. **NOTE:** Capacity affected with speed change.

**END DRIVE**—Mounted on inside radius. Minimum elevation 18 3/8”.

**SIDE MOUNTED DRIVE**—Motor reducer unit mounted to side of conveyor. Specify inside or outside. Minimum elevation 11 3/4 in.

**O-RING DRIVE CHAIN**—With sealed in lubricant (Recommended for applications that do not permit regular lubrication).

**GUARD RAILS**—Adjustable Universal Channel Guard Rail, fixed channel, type A or B angle. See Accessory section. **Note:** If product comes in contact with guard rails, product flow will be affected.

**POLY-TIER SUPPORTS**—36 in. to 120 in. support heights in 6 in. increments. Knee braces supplied.

**CEILING HANGERS**—1/4 in. dia. x 8 ft. long unplated rods fully threaded. Other lengths and galvanized rods available.

**SLAVE DRIVEN**—Standard drive may be omitted and curve slave driven from 138-ACC. (Specify by sketch, location of slave connection). Minimum elevation 10 1/2 in.

**MOTORS**—Energy efficient, single phase, brakemotor, other characteristics. 1 HP maximum.

**ELECTRICAL CONTROLS**—Non-reversing or reversible magnetic starters and push-button stations. AC variable frequency drive.

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Horsepower required to slave-drive LRC’s & LRCT’s from ACC’s affect the lengths of ACC’s due to the capacities of the driving V-belt. The four (4) arrangements shown, illustrate basic slave limitatons. Other arrangements are possible.