MINE DUTY CONVEYOR IDLERS

More Sizes, Styles and Options Cover Infinite Applications
IDLER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Class</th>
<th>Bearing Size</th>
<th>Diameters</th>
<th>Belt Widths</th>
<th>Single/Double Tube</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEMA D</td>
<td>25mm</td>
<td>5&quot;, 6&quot;</td>
<td>24&quot; - 72&quot;</td>
<td>Single</td>
</tr>
<tr>
<td>DX*</td>
<td>30mm</td>
<td>5&quot;, 6&quot;</td>
<td>30&quot; - 72&quot;</td>
<td>Single (1/4&quot; wall)</td>
</tr>
<tr>
<td>CEMA E</td>
<td>40mm</td>
<td>6&quot;, 7&quot;</td>
<td>36&quot;-96&quot;</td>
<td>Single</td>
</tr>
<tr>
<td>40DT</td>
<td>40mm</td>
<td>6&quot;, 7&quot;</td>
<td>36&quot;-72&quot;</td>
<td>Double</td>
</tr>
<tr>
<td>45DT</td>
<td>45mm</td>
<td>6&quot;, 7&quot;, 7.5&quot;</td>
<td>54&quot;-108&quot;</td>
<td>Double</td>
</tr>
<tr>
<td>CEMA F</td>
<td>50mm</td>
<td>6&quot;, 7&quot;, 8&quot;</td>
<td>42&quot;-120&quot;</td>
<td>Single</td>
</tr>
<tr>
<td>50DT</td>
<td>50mm</td>
<td>7&quot;, 8&quot;</td>
<td>42&quot;-120&quot;</td>
<td>Double</td>
</tr>
<tr>
<td>60DT</td>
<td>60mm</td>
<td>7&quot;, 8&quot;</td>
<td>60&quot;-120&quot;</td>
<td>Double</td>
</tr>
</tbody>
</table>

* Exclusive to Superior Industries

TROUGHING/CARRY IDLER STYLES

STEEL TROUGHING
RUBBER IMPACT
SELF-ALIGNER

RETURN/BOTTOM IDLER STYLES

STEEL RETURN
RUBBER IMPACT
SELF-ALIGNER
V-RETURN
FLAT CARRIER STEEL
FLAT CARRIER RUBBER IMPACT
DOUBLE TUBE (DT) IDLER FEATURES

ADVANTAGES

- Increased rigidity with inner and outer tube construction
- The inner tube insulates the bearing from vibration, reducing misalignment and increasing life of bearing
- 20% higher load rating on average improving service life
- As outer shell wears, the inner tube maintains the structural integrity of roller
- Proven to last under extreme loads

HIGHLIGHTS

1. Fits into CEMA frames
2. Double tube construction
3. Full tube bearing seat
4. Steel rock and spray shield
5. High performance bearing
6. Rugged, waterproof seal stands up in harsh applications
7. Contact seal stops contamination
8. Proprietary grease increases life of seal
CEMA DUTY IDLERS

- Design standards governed by Conveyor Equipment Manufacturer’s Association (CEMA).
- Diverse range of products for solutions in every conveying application.
- Heavy duty frames designed to stand up in harsh applications.
- 40 years of manufacturing and thousands of customers

CEMA DUTY IDLERS PHOTOS
RUBBER IMPACT IDLERS

- Shock absorbing rubber extends belt life in conveyor load zones.
- Special rubber formula developed in-house can remain in operation until totally worn.
- Specialized vulcanization process improves adhesion to steel.
- No tire slippage with vulcanized rubber lagging versus tires.

DX IDLERS

- 1/4" (6mm) inch thick shell for increased roll life.
- Upgraded 30mm bearing for heavy-duty alternative in CEMA D applications.
- Seal design resists moisture and harmful contaminants.
At Superior Industries, our history as a conveyor manufacturer creates unique advantages for our idler manufacturing efforts. After building tens of thousands of conveyors and learning from machinery owners and operators, we’ve gathered extensive feedback directly from the field. Because Superior conveyors rely on our own brand of idlers, our engineers are obsessed in our pursuit of perfecting idler technology. We’re constantly working to maximize idler performance, so you can add more profits to your stockpiles.

- Strategic manufacturing operations in North and South America.
- Commitment to world-class manufacturing for fastest lead times in the world.
- Specifically assigned engineers for quick reactions to custom requirements.
- Top two manufacturer of conveyor idlers in North America.