Conveyor Tension Take-Up Configuration and Friction Points

Gravity Tower

Step-Up Zone

Energy Interchange Zone

Transmission Zone

Take-Up Trolley Zone

Conveyor

All friction points: A, B & D (drawn in RED) directly affect the Conveyor Tension.

Motorised Take-Up Winch

No Step-Up Zone with Winch

Energy Interchange Zone

Transmission Zone

Step-Down Zone

Take-Up Trolley Zone

Take-Up Trolley Rails

All friction points: C & D (drawn in RED) directly affect the Conveyor Tension.

All friction points B, C & D affect Winch loading.

Principal Friction Points drawn in RED

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>Gravity Tower Falls of Rope</td>
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<tr>
<td>B</td>
<td>Rope Transmission</td>
</tr>
<tr>
<td>C</td>
<td>Take-Up Falls of Rope</td>
</tr>
<tr>
<td>D</td>
<td>Take-Up Trolley Wheels</td>
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</tbody>
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