Continuous Vulcanization Tubes for Rubber and XLPE Cables

As a turnkey supplier of complete CV lines, TROESTER is manufacturing vulcanization tubes for rubber cables and XLPE cables.

Equipment is available for all CV processes: Nitrogen curing and nitrogen or water cooling for cross-linking XLPE cables or steam curing and water cooling for vulcanizing rubber cables. Combined lines for rubber and XLPE cables with both, nitrogen and steam curing are also available. Depending on the kind of line, TROESTER is supplying the tubes either as Horizontal Line (CV), as Catenary Line (CCV) or as Vertical Line (VCV). The delivery scope of TROESTER comprises the following CV tubes and components:

- Splice Boxes, hydraulically operated
- Curing Tubes, catenary or vertical type with insulated heating zones
- Transition Tubes with or without by-product collection system
- Cooling Tubes
- Water/Gas Cooling Circuits, open or closed system
- TROSS Roundness Stabilisation Systems
- Online Stress Reduction Systems
- By-Product Filtering Systems, electrostatic or conventional
- Single or Double End Seals, hydraulically operated
- Water/Gas Collecting Bins
- Lead Wire Seals
- TRISAG Sag Measuring Systems
- Electrical Equipment
- Turn Around Pressure Vessels
- Embossing units

Systems like the TROESTER ROundness Stabilisation System TROSS, Online Stress Reduction System, Double End Seal provide optimized conditions to manufacture high voltage cable with excellent tolerances.
End Seal

TROSS

Splice Box

TRISAG

Cooling Tube

Water Collecting Bin with Lead Wire Seal
All equipment is available in sizes DN 80, DN 100, DN 150, DN 200, DN 250 and DN 300.

For CV lines Turn Around Pressure Vessels, Pressure Rings and Pressure Rings with Quick Opening are available in sizes from 1000 mm up to 4000 mm diameter.

**CCV Tubes**

<table>
<thead>
<tr>
<th>Tube Sizes (catenary/straight)</th>
<th>DN 100/80</th>
<th>150/100</th>
<th>200/150</th>
<th>250/200</th>
<th>300/250</th>
</tr>
</thead>
<tbody>
<tr>
<td>max. Cable Diameter mm</td>
<td>45</td>
<td>70</td>
<td>100</td>
<td>135</td>
<td>160</td>
</tr>
</tbody>
</table>

**VCV Tubes**

<table>
<thead>
<tr>
<th>Tube Sizes</th>
<th>DN 200/200</th>
<th>250/250</th>
</tr>
</thead>
<tbody>
<tr>
<td>max. Cable Diameter mm</td>
<td>120</td>
<td>160</td>
</tr>
</tbody>
</table>

**CV Tubes Rubber/Combined Lines**

<table>
<thead>
<tr>
<th>Tube Sizes (catenary/straight)</th>
<th>DN 80/80</th>
<th>100/80</th>
<th>150/100</th>
<th>200/150</th>
<th>250/200</th>
</tr>
</thead>
<tbody>
<tr>
<td>max. Cable Diameter mm</td>
<td>32</td>
<td>45</td>
<td>70</td>
<td>100</td>
<td>135</td>
</tr>
</tbody>
</table>

All pressure parts are implemented in conformity with Pressure Equipment Directive 97/23/EG, dated May 29th, 2007. The design and construction is made according to Construction Code AD 2000. ASME and Chinese standards are available as well.