The Shaffer® VerTech® refrigeration jacket offers bakeries peak performance and efficiency, with the most effective, durable, and energy efficient bowl cooling available. The VerTech® jacket is specifically designed for triple roller bar mixers that demand mixing durability; easily holding up to stiff doughs and high HP machines.

**Reduced Stress**
New design is engineered to distribute dough force over a larger area and results in 75% reduction of stress on channel material and 63% reduction of stress on weld joints.

**Energy Efficient**
New design provides same heat transfer with up to 46% reduction in pressure drop over corrugated jacket with turbulence pins, resulting in less energy to operate the glycol system.

**Maximum Quality**
The VerTech refrigeration jacket is manufactured in discrete steps with three definitive inspection points for maximum quality control.

**Factory Tested**
In accelerated fatigue testing on a full-scale model, using over twice the force of a low absorption dough, the VerTech jacket lasted over 40 times longer than other conventional jackets.

**Accelerated Fatigue Test Results**

<table>
<thead>
<tr>
<th>Results from Finite Element Analysis &amp; Full-Scale Accelerated Fatigue Testing</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduced stress on refrigeration channels</td>
<td>75%</td>
</tr>
<tr>
<td>Reduced stress on weld joints</td>
<td>63%</td>
</tr>
<tr>
<td>Reduced glycol system pressure drop (compared with corrugated jacket with turbulence pins)</td>
<td>46%</td>
</tr>
<tr>
<td>Increased life of jacket</td>
<td>40x</td>
</tr>
</tbody>
</table>

**Ultimate Cooling**
The VerTech® refrigeration jacket comes standard on all Shaffer Triple Roller Bar Mixers. For additional dough cooling needs, we offer:

- Refrigerated agitator cooling (U.S. Patent No. 9,295,956)
- Breaker bar cooling

**Replacement Option**
VerTech jackets can also be retrofit for the following mixers:

- Shaffer
- Peerless
- BEW
- AMF
- BP
- APV

**40x MORE DURABLE**
Compared to conventional refrigeration jackets