VerTech® Refrigeration Jacket

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

Results from Finite Element Analysis & Full-Scale Accelerated Fatigue Testing	
Reduced stress on refrigeration channels	75%
Reduced stress on weld joints	63%
Reduced glycol system pressure drop (compared with corrugated jacket with turbulence pins)	46%
Increased life of jacket	40x

24/7 Parts & Service

With 110+ years of combined experience servicing horizontal dough mixers & dough processing equipment, our world class team services Shaffer equipment and virtually any other industrial mixer manufacturer.

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