

# VerTech<sup>®</sup> Refrigeration Jacket



The Shaffer<sup>®</sup> VerTech<sup>®</sup> refrigeration jacket offers bakeries peak performance and efficiency, with the most effective, durable, and energy efficient bowl cooling available. The VerTech<sup>®</sup> 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.

## 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





## 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.

## BUNDY BAKING SOLUTIONS:

-  Baking Pans
-  Release Agents & Oils
-  Pan Coatings & Refurbishment
-  Equipment & Services

## Ultimate Cooling

The VerTech<sup>®</sup> 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