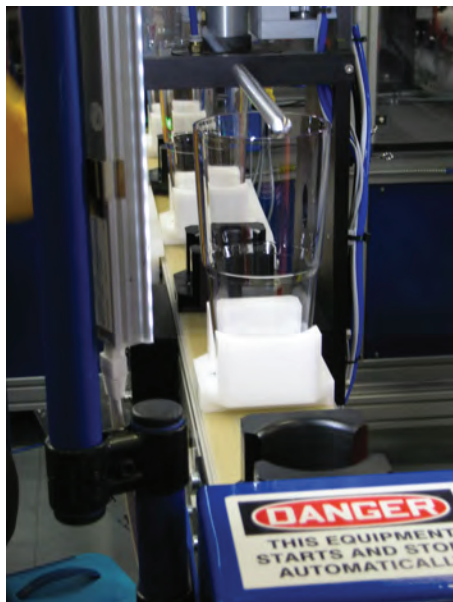




Tervis

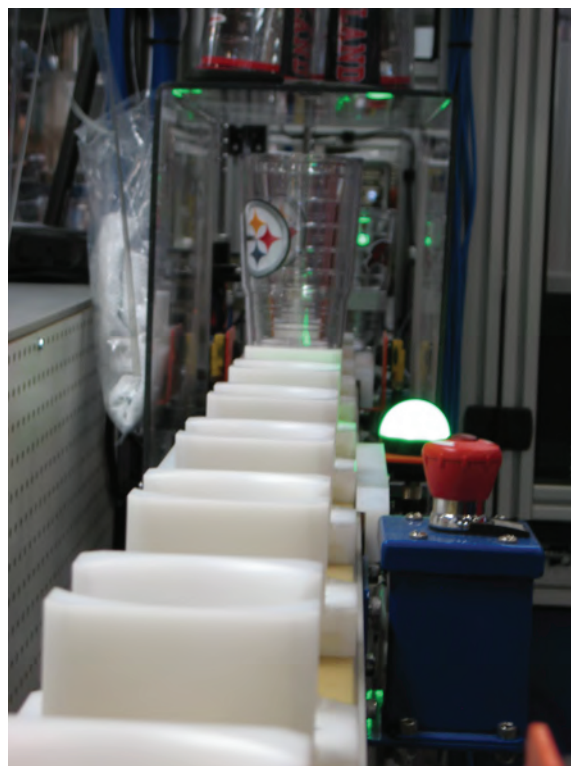


The term precision can often be used to describe robotic processing for all the obvious reasons. Robotic processing is repetitive, exact, accurate...in a nutshell it's precise. And all of its supporting functions and equipment need to have that same level of precision for the operation to be successful.

The new robotic cells now in use at Tervis (www.tervis.com) are no different. The North Venice, Fla. manufacturer of insulated plastic drinkware uses a series of Dorner 3200 Series conveyors with precision belt technology to move the inner and outer tumblers into robotic cells for processing. Precision belt technology is offered on both of Dorner's 2200 and 3200 Series conveyors, and is ideal for common drives, indexing, positioning and highly loaded belt conveyor applications in industries such as product assembly, manufacturing and packaging. It's these conveyors that provide the accurate indexing of the tumblers to ensure smooth, uninterrupted flow of production at Tervis.

The push to further automate its manufacturing processes is a testament to the growth Tervis has experienced in recent years. Founded in 1946, Tervis is a leader in the plastic insulated drink market, thanks in part to its unique, doubled-walled design that keeps drinks colder and hotter longer. Tervis offers a variety of drinkware sizes and styles, and can be customized with virtually any design including some of the world's leading brands and sports teams.

To accommodate its growth, Tervis recently increased its production floor space over 60% and increased its workforce over 40%. When the company decided to further automate its production facility, it turned to RND Automation and Engineering of Sarasota, Fla. RND specializes in custom factory automation, robotic work cell, packaging and material handling applications. The direction from Tervis was to implement new automation in a steady, phased approach to achieve the best results. Tervis and RND decided to focus on production steps in the process that did not require the human touch and represented opportunities for automation and repetitive motion labor reduction.



DORNER MFG. CORP.

PO Box 20 • 975 Cottonwood Ave.
Hartland, WI 53029 USA

INSIDE THE USA

TEL: 800.397.8664
FAX: 800.369.2440

OUTSIDE THE USA

TEL: 262.367.7600
FAX: 262.367.5827

www.dorner.com
info@dorner.com

