

# • Application Note • ON-BOARD WEIGHING & WIRELESS CONTROL SYSTEMS

## Intercomp On-Board Scale System Ensures Accurate & Reliable Performance

Convey-All® is a leading manufacturer of custom agricultural conveyor systems and seed tenders in North America. Their latest development, the CST-1550 semi-trailer tender with a six-compartment, stainless steel tank allows farmers to blend up to six different products. To ensure the accurate unloading of products, Convey-All® needed a reliable and accurate scale system, with a goal of achieving consistency at 1% or better of applied load. They turned to Intercomp, a leading supplier of electronic load cells and equipment control systems.



Convey-All® needed a reliable and accurate scale system for the CST-1550, with a goal of achieving consistency at 1% or better of applied load.

**“Intercomp provides a high quality wireless control & weighing solution that is intuitive, reliable, and accurate, allowing our customers to maximize efficiency” -Gerald Unrau, Convey-All Product Manager**



An Intercomp LD720™ RFX™ Wireless Indicator controls scale and equipment functions with clear visibility in all lighting.

Intercomp's wireless weighing systems offer customizable indicator configurations for OEMs. For Convey-All®, Intercomp developed a [wireless handheld controller](#) that allows users to view weights, run and move both conveyors, as well as open and close hopper doors. An Intercomp [LD720™ RFX™ Wireless Indicator](#) with a bright 1.5" (35.1 mm) LED screen also provides these functions with clear visibility in all lighting and weather conditions.

The scale system is equipped with [DESB load cells](#) that use strain gauge technology, which is widely accepted as the most accurate and reliable method for obtaining weights. The use of this technology ensures stable and long-lasting performance, year after year. These high-capacity load cells feature a low profile, allowing for safer and more stable transportation and lower loading height. Intercomp offers a complete line of fully electronic load cells that can be tailored to any onboard weighing application, including custom capacity requirements and configurations to accommodate scale-ready designs.

The use of Intercomp's onboard scale system has several benefits, including the ability to fill an air seeder faster with improved accuracy. Combined with the CST-1550's advanced unloading belt conveyor system, these time-saving features can be the difference between getting those last 80 acres planted before the rain or not.

With the ability to blend up to six different nutrients, improved accuracy, and faster refilling times, CST-1550 with Intercomp's optional scale package will increase efficiency and reduce costs for farmers. The use of strain gauge technology and fully electronic load cells ensures accurate and reliable performance year after year, making this a valuable investment for any farmer looking to increase productivity and efficiency.

For more information about Convey-All®:  
<https://www.convey-all.com/>

**Intercomp**  
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