

For Immediate Release

Dynamic Check Weighing Machine on The Connected Enterprise™ Helps Prevent Overfilling Expense

Rockwell Automation's Automation Fair, Houston, TX – Nov. 9, 2017–[Hardy Process Solutions](#)' Dynamic Checkweighers were able to diagnose and reduce overfill rates through process optimization with filling machines. With integration into the factory control system, via Rockwell Automation's FactoryTalk®, the Hardy Dynamic Checkweigher is saving the manufacturer overfill expenses of approximately \$35K annually.

Machine control, statistics, and analytics are managed with an integrated Rockwell Automation CompactLogix® PLC while the high performance Hardy HI 4050CW check weigher controller contributes as a co-processor, generating fast, stable and accurate weight data. The resulting high speed check weighing system can process up to 350 pieces per minute and generate a myriad of process data that is easily shared with any other device on The Connected Enterprise Network.

Using Wide Area Networking (WAN) connectivity, the customer was able to:

- Monitor real-time production trends and process performance
- Set alarms around real time trend data
- Share and distribute TAGS with upstream control systems
- Track and Monitor local changes made on the equipment
- Push down product recipes and operating parameters from a centralized control center

Hardy provided these capabilities to the customer with standard integrated software.

The Hardy Dynamic Checkweigher series is a fully automated system designed to automatically weigh items while in-motion. The Checkweigher controller can

communicate both upstream and downstream across Rockwell Automation's The Connected Enterprise™.

Flexible and highly accurate, the Hardy Dynamic Checkweigher weighs products of virtually any shape or size in containers such as boxes, cans, bottles, rigid shrink-wrapped packages or flexible packages. Items compatible with the system include bagged and boxed sugars, raw meats, fruits, vegetables, chemicals, fertilizers, and consumer packaged goods.

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About Hardy Process Solutions (A Roper Technologies Company)

Hardy Process Solutions has established itself as an industry leader in the weighing automation world by providing highly accurate precision measurements, while seamlessly integrating process weight signals into a Rockwell plant control system. At Hardy, we believe that industrial weighing solutions should be EASY to engineer and operate. We believe that simplicity delivers the LOWEST TOTAL COST to own. That's why our solutions are EASIER to install, integrate, commission, diagnose and maintain in all four areas of the supply chain.

1. STOCK - accurate weight and level measurement/monitoring
2. MAKE - adaptable weight & rate material feed measurement/control
3. PACK - for robust rate & weight feed measurement/control
4. SHIP - off-the-shelf static and dynamic check weighing solutions

Want MORE PRODUCTIVITY at the LEAST TOTAL COST to own? Call Hardy to discover how Today! Visit the Hardy Process Solutions website at www.hardysolutions.com, call 858-278-2900 or email hardyinfo@hardysolutions.com.

About Roper Technologies

Roper Technologies is a constituent of the S&P 500, Fortune 1000, and the Russell 1000 indices. Roper designs and develops software (both software-as-a-service and licensed), and engineered products and solutions for healthcare, transportation, food, energy, water, education and other niche markets worldwide. Additional information about Roper is available on the Company's website at www.ropertech.com