

For Immediate Release

New Analog & Digital Support for the HI 4050CW Check Weigher

New Rockwell EDS Add-On-Profile Now Available for RSLogix

The HI 4050CW now includes the new HI 4050+ controller. The resulting high speed HI 4050CW check weighing system can process up to 250 high resolution (1:30:000) weight measurements per second.

The HI 4050CW now supports both analog and digital load cells. That means it can be connected to up to four analog load cells and a Hardy junction box or to a high-speed Digital Sensor Point (DSP) via a digital interface card. The HI 4050CW is perfect for building new systems for either static or dynamic check weighing or retrofitting the weight electronics of older, less reliable systems. The New Analog HI 4050CW a Rockwell EDS Add-On-Profile (AOP) compatible with RSLogix. The EDS file will be available in mid-January.

The HI 4050CW also has Hardy's WAVERSAVER technology built in to reduce the effects of vibration, and now also includes WAVERSAVER+, a new patent-pending system that increases the stability of weight readings by a factor of three.



Open Platform

The HI 4050CW system is made of Commercially Available Off the Shelf (COTS) parts that are easy to understand, maintain and troubleshoot. Users' can connect to their plant-wide system using standard protocols such as EtherNet/IP, Devicenet, ControlNet, Allen-Bradley® Remote I/O, Profibus-DP, Modbus TCP/IP, or Analog. It features a lower Total Cost of Ownership because it's simple to use, calibrate, integrate, and maintain.

Automatic Edge Detection:

Smart features of the HI 4050CW include EDGE detection, an algorithm that optimizes when weight readings are captured:

- Automatic EDGE detection starts weight processing the instant a load settles onto the scale by monitoring changes in the signal waveform from connected load point.
- Also works in conjunction with up to two additional external sensors such as photo-eyes to optimize process timing of weight readings.



About Hardy Process Solutions

Hardy Process Solutions has established itself as an industry leader in the weighing automation world by providing high accuracy and precision measurements, while seamlessly integrating process weight signals into the plant control system. In almost all industries, manufacturing operations require materials to be weighed at some point of the production process. Process instrumentation can help improve processes and achieve operational excellence in the four major areas of the supply chain:

STOCK - for accurate inventory management

MAKE - the ability to deploy batch and/or continuous processes

PACK - for accurate and repeatable filling measurement and control

SHIP - for flexible consolidation and reconsolidation of packed goods

For further information, visit the Hardy Process Solutions website at www.hardysolutions.com or call Janice Kall at 858-255-6792 or email hardyinfo@hardysolutions.com.