

B-TEK Scales works with Brechbuhler Scales' Youngstown, Ohio branch to create a state-of-the-art truck scale for Trumbull Co. Engineers



A White paper illustrating B-TEK Scales, LLC ability to create custom scale solutions for various industries

September 2010

Contributors:

Tracy McCracken

B-TEK Scales, LLC worked directly with Brechbuhler Scales' Youngstown, Ohio branch to fabricate a state-of-the-art digital truck scale solution for the Trumbull County Engineers. Complete with a wireless radio frequency unmanned system, the new truck scale is 72' x 11' and has a capacity of 200,000 lbs. weighing in 20lb increments.

The Trumbull County Engineer, Mr. David DeChristofaro, P.E., P.S. spoke to a group on September 22, 2010 about the need for the truck scale and the ability to now determine what the trucks bring in and take out of the facility. "If we were shorted even 1% of the 30,000 tons of construction materials we purchase, it would cost us thousands of dollars every year."

Pete Kostalas, Sale Representative with the Youngstown, Ohio branch of Brechbuhler Scales explained the demonstration of the truck scale to the crowd.

"The trucks will enter the scale and stop at the keypad. They will input the information about the truck and the load. The weight of the truck will be weighed, the truck will then proceed to the yard to either unload the contents or receive a load of one of 30 materials offered by the county. The truck will then re-enter the scale from the same entrance as it entered the scale. The truck operator will then enter the same information regarding the truck and material and that information will be transmitted to the network within the engineer's computer system. The county will be able to accurately compare the contents entering and leaving the facility. This information will enable better records, more accurate accounting of costs and control the quantity of materials entering and leaving the facility."



Figure 1 show technicians from the Youngstown, Ohio Brechbuhler branch grounding the truck scale. This scale is impervious to lightning strikes.



Figure 2 of the county truck entering the new digital truck scale

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Other scale images taken during installation and dedication of the new digital truck scale.



Figure 3 shows the scale being placed on the concrete foundation. The approaches to the scale were also prepared before the scale was installed.



Figure 4 offers a view of the bolt-on-site sight rails. The rails are a visual guide for the truck operators to indicate the sides of the truck scale.



Figure 5 is the ribbon cutting ceremony on September 22, 2010

Pictured (L-R) are: Tony Paglia, Darlene St. George, Frank Fuda, David DeChristogaro, Marty Patrick, Chris Connelly, and John Picuri



Figure 6 is the finished Centurion scale & system

B-TEK Scales, LLC is always available to support your weighing equipment needs. For more information on this or other B-TEK projects, please contact us at 1-800-266-8900.