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NICOL SCALES & MEASUREMENT IS AN ISO ACCREDITED CALIBRATION COMPANY THAT HAS PROVIDED CALIBRATION, REPAIR AND SALES OF ALL TYPES OF WEIGHING AND MEASUREMENT PRODUCTS SINCE 1931.

WASHDOWN SCALES

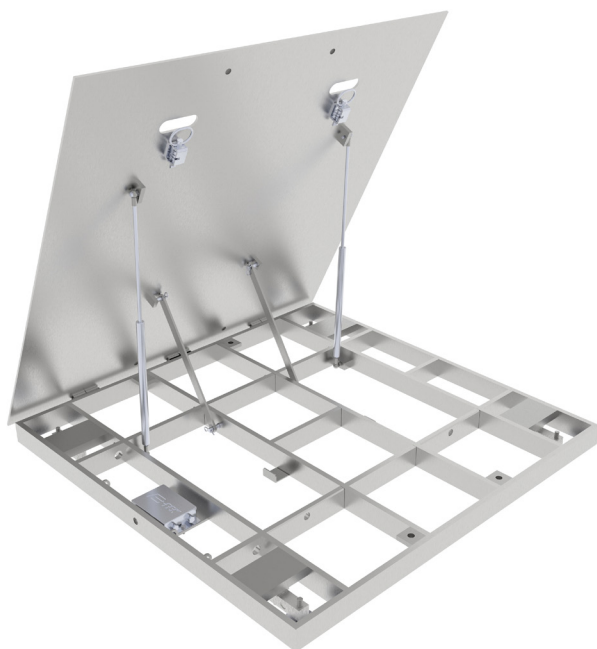


AQUASHIELD MAX BENCH SCALE

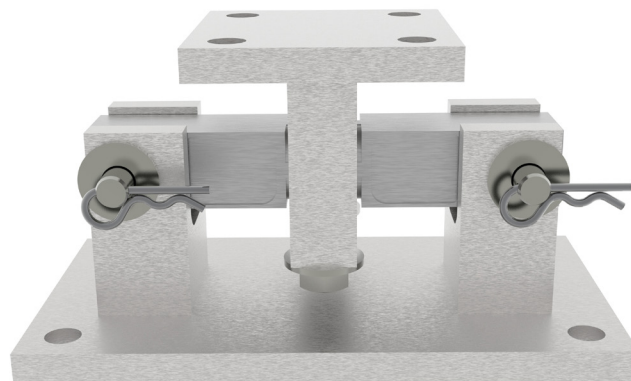


**CLYDESDALE LIFT
DECK FLOOR SCALE**

**CLYDESDALE MATRIX UW
LIFT DECK FLOOR SCALE**



DETM2 TANK MOUNT

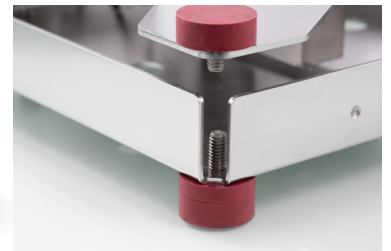


B-TEK's family of washdown ready scale equipment is designed for environments where frequent cleaning and sanitation are required. Constructed from 304 stainless steel, these scales feature open designs and smooth surfaces that help reduce moisture retention and product buildup. Washdown-rated load cells with IP68/IP69K protection help safeguard weighing components during high-pressure cleaning. Suitable for food, chemical, and industrial applications, these systems provide dependable weighing performance while supporting consistent sanitation practices.

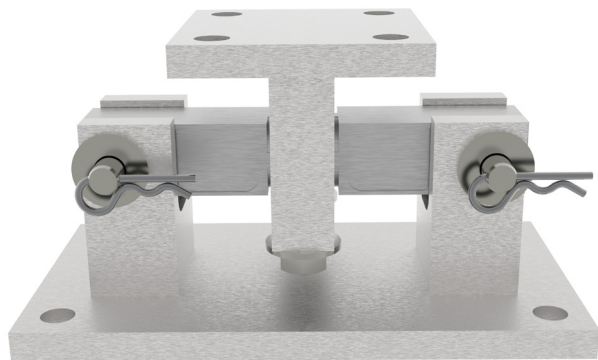
AQUASHIELD MAX BENCH SCALE

WASHDOWN READY

The AquaShield Max Bench Scale is designed for routine washdown use in sanitary environments. Constructed from 304 stainless steel, it is available in 10 × 10, 12 × 12, and 18 × 18 inch platform sizes, with indicator columns offered in two height options. The scale can be supplied with several indicator choices, including models with IP68/IP69K protection, custom application programming, and Ethernet connectivity for flexible system configuration.



DETM2 TANK MOUNTS



DURABLE WASHDOWN

B-TEK stainless steel tank mounts are designed for weighing applications in wet and corrosive environments where durability and long service life are required. Constructed from 304 stainless steel, these mounts support tanks and vessels exposed to moisture, chemicals, and harsh conditions. Individual mount capacities range from 500 to 100,000 lb. Mount assemblies can be customized with risers and top plates featuring special dimensions or hole patterns to match existing tank installations.

WASHDOWN SCALES

LIFT DECK FLOOR SCALE

HEAVY DUTY WASHDOWN

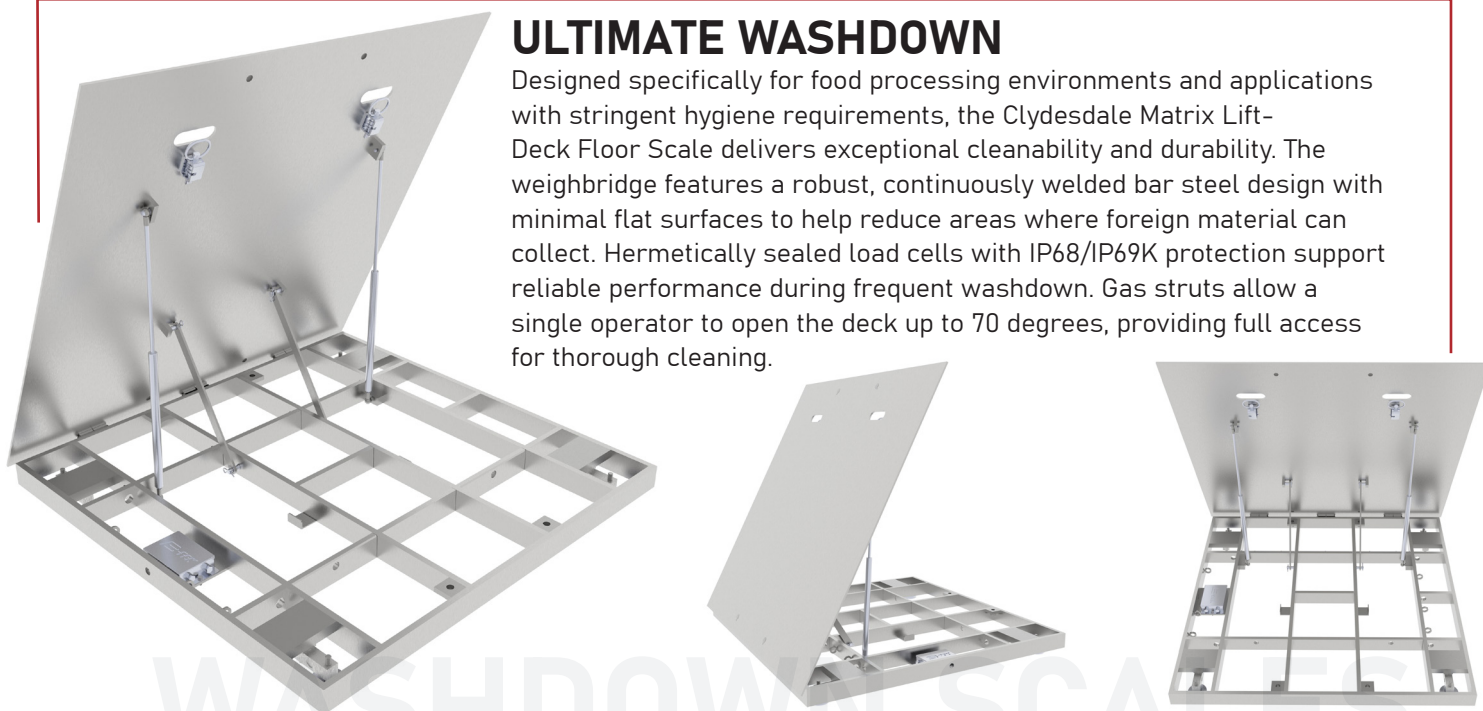
The Clydesdale Industrial Lift-Deck Floor Scale is designed for heavy industrial and chemical plant applications where wet and corrosive conditions are common. Constructed from 304 stainless steel, the scale provides durability in harsh operating environments. Powerful gas struts assist in opening the deck surface, allowing a single operator to safely raise the platform for access beneath the scale. The lift-deck design supports easier cleaning, inspection, and long-term reliable weighing performance.



CLYDESDALE MATRIX FLOOR SCALE

ULTIMATE WASHDOWN

Designed specifically for food processing environments and applications with stringent hygiene requirements, the Clydesdale Matrix Lift-Deck Floor Scale delivers exceptional cleanability and durability. The weighbridge features a robust, continuously welded bar steel design with minimal flat surfaces to help reduce areas where foreign material can collect. Hermetically sealed load cells with IP68/IP69K protection support reliable performance during frequent washdown. Gas struts allow a single operator to open the deck up to 70 degrees, providing full access for thorough cleaning.

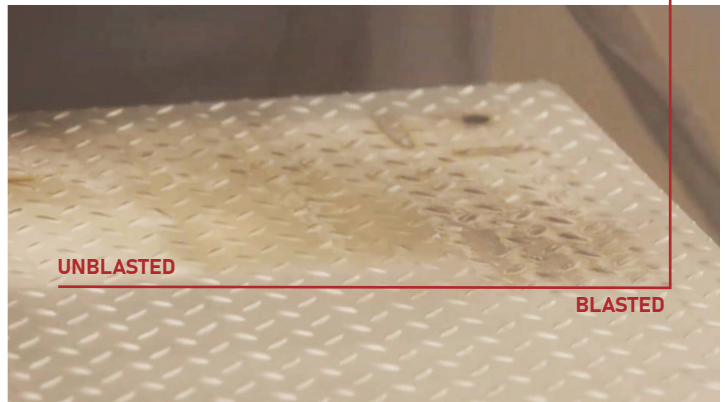


WASHDOWN SCALES

SURFACE PREPARATION

B-TEK's stainless steel surface treatment process delivers a clean, professional finish while enhancing the durability of industrial scale components. Using fine abrasive media propelled at high velocity, the process removes mill scale, oxidation and surface contaminants from the stainless steel surface. This creates a uniform, matte texture that improves surface consistency and overall material integrity.

The blasting process also helps reduce the risk of corrosion in harsh industrial environments where scales are exposed to moisture, chemicals and frequent temperature fluctuations, creating a measureable difference in long-term performance and reliability of industrial weighing systems.

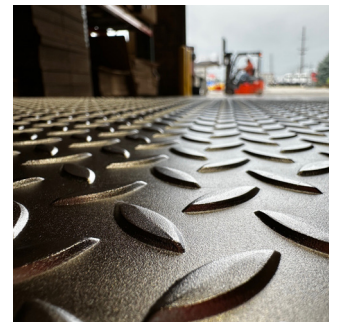
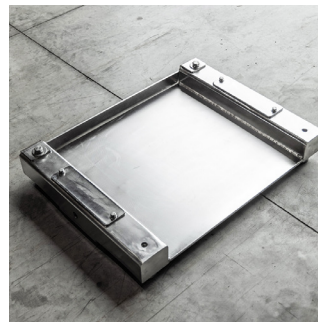
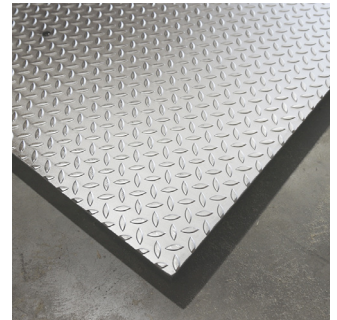
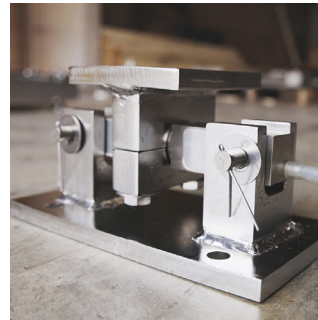


PASSIVATION AND ELECTRO POLISHING

B-TEK offers passivation and electropolish finishing processes to improve the corrosion resistance and surface quality of stainless steel and other metals.

Passivation involves treating the metal with an acid solution, typically nitric or citric acid, to remove free iron from the surface. This process facilitates the natural formation of a thin, protective oxide layer, which prevents rust and corrosion from occurring. It doesn't change the appearance or dimensions of the part, but it significantly boosts its longevity and cleanliness.

Electropolishing is an additional step after passivation. It's like a reverse plating process. Instead of adding material to the surface, it removes a thin layer using an electrochemical reaction. This results in an ultra-smooth, shiny surface that's free of micro-burrs and embedded contaminants. Electropolishing not only enhances aesthetics but also makes the surface easier to clean and more resistant to bacterial growth and corrosion.



WASHDOWN SCALES