



The Benefits of Cleaning with Foam

Cleaning and sanitizing are both critical elements in many businesses, whether it is wiping down messy food prep areas or dirty agricultural equipment. While identifying the correct chemical for the job is a vital step, the application of that chemical is equally important. Many chemicals list a minimum duration that they must remain in contact with a surface before the sanitizing can be considered effective, which can create issues on vertical surfaces that allow for quick product runoff. Foam dispensing units, such as those manufactured by DEMA Engineering, provide an effective solution to this dilemma by combining a cleaning product with compressed air and water to produce a rich foam.

Since different businesses have different requirements, some foam units eliminate the need for compressed air and operate by agitating a chemical solution to produce and dispense foam. The foam units that do require compressed air are typically seen in environments that necessitate a greater spray distance or coverage over a larger area.

The clinging foam produced by a foam dispenser provides a convenient solution for areas that are notoriously difficult to clean. For example, many breweries require extensive cleaning, but there are many pipes and crevices that could potentially be missed during the cleaning process. Using foam allows the cleaning product to cling to the surface being cleaned, while also providing a visual indicator of what areas have been treated.

In addition to the traditional single chemical foam dispensers, there are also dual chemical variations available. The dual chemical units provide an easy solution for cleaning and sanitizing with a single piece of equipment. For example, a worker might spray down a food processing area with a degreaser and then follow up by spraying a sanitizer. The units typically also have a rinse function that simply sprays water to easily remove any cleaning products once the process is complete.

Foam units are typically wall-mounted, but they can also be mounted to a mobile cart to provide a convenient solution for spaces that may not have a water line in close proximity. Carts are still effective at generating foam, although the volume of foam is limited by the amount of water within the cart's reservoir.

While many foam dispensers are powered by water and air pressure, there are also units that utilize an electric motor to pump the liquids. For example, the DEMA Engineering Drain Chief Plus pumps foaming cleaner into areas such as drains or garbage chutes to control bacteria and odor. One of the benefits of using an electronic unit is that a timer can be used to ensure the foaming chemicals are consistently released according to schedule and any potential problems are kept under control.

As mentioned before, agricultural equipment is also a prime candidate for foaming cleaners. Many farmers are well aware of the impact that a plant or livestock disease can have on their farm. Standard operating procedures on many large farms require that incoming vehicles undergo a sanitizing process before proceeding to more critical areas of the operation. Foam is typically used for this as farmers need to be absolutely certain no spots are missed during this process.

No matter if you are cleaning a kitchen, livestock pen, or tractor-trailer, utilizing foam-based cleaning methods is an effective and innovative way to make sure you get the best results without missing a spot.

Visit ag.demaeng.com for more great information!



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