



10 Ways to Customize a Dewatering Container

Dewatering style roll-off containers, sometimes referred to as filtering containers, create an efficient one-step process to separate solids and liquids. Ideal for several unique applications, such as water filtration, wastewater treatment plants, oil & gas, and environmental remediation, a dewatering container is built differently than a rectangular roll-off container to complete the separation process.

Beyond the standard components that go into the build of a roll-off dewatering container – read the [“5 Components to a Roll-Off Dewatering Container Build”](#) for more information – there are different options or features that can be added to the container. Depending on the addition, this can further customize the container for a specific application or purpose, aid the operator in following all state and federal hauling laws, or reinforcing the container for longevity. Here are 10 common ways to customize a dewatering container:

1. **Splash Plates** – Additional sheets of steel added to the front and/or rear tops to reduce spill over when the material is being dumped. It also lowers the potential of sloshing during transport.
2. **Tarps** – The buyer can choose to add a tarp at the time of purchase or order one afterwards through a roll-off container parts manufacturer and supplier. Different tarp styles include side roll tarp system, throw tarps, or a roll tarp system that is attached to the roll-off truck. Tarps provide protection from both materials spilling out of the container as well as any unwanted materials from getting in the container.
3. **Full Pivoting Lid System** - Designed to fully cover a roll-off container, the adjustable pivoting lid system fits most roll-off container sizes. With the number of federal and state regulations for hauling materials growing, this is making it easier for roll-off businesses to comply. The operation of the full pivoting lid system allows a single operator to manually open and close the system with ease.
4. **Double Rolling Roof** - Added as a more permanent cover for the dewatering container, a double rolling roof is a sealed roof mechanism that can open and close when needed. When dumping materials into the container, the operator will have the roof in the open position giving an opening of 84” x 131” for dumping materials. When ready to store or transport, the operator can close the roof giving it a watertight seal.
5. **Sight Glass** – If an operator has chosen to add a lid to their dewatering container, they may add sight glass in different locations around the container. This will allow them to see the contents of the container, helping to determine the room available for more material or if the drainage process is completed.
6. **Liner Hooks** – Located around the inside of the dewatering basket, liner hooks allow the operator to loop a liner on the container with ease of placement and removability.
7. **Liners** - Available in knit mesh, screen mesh, and cloth, dewatering liners fit in roll-off containers and can further assist in the separation of liquids and solids. Furthermore, using a dewatering Liner are providing on-site waste minimization and avoiding additional weight and cost of solidification agents. Some operators have claimed that liners can help to increase the container’s longevity as it acts as an additional defense to the basket from exposure to caustic materials.
8. **Epoxy Coating** – Providing additional corrosion resistance against materials and severe temperatures, epoxy coating adds another layer of protection. This feature would be added in between the completion of

manufacturing and the paint process. Depending on the type of epoxy coating, a layer of primer may still be used, but it can also be painted without.

9. Rectangle or Round Bottom – Some manufacturers can manufacture a round bottom design, while others may build just a rectangular option. Operators may select the round bottom to avoid a large amount of material buildup in the corners of the roll-off container. Manufacturers will recommend that no matter the style of the container, cleaning between uses is an easy way to prevent material build up, as well as keep the container from premature rust and corrosion.

10. Tailgate Options – While most dewatering containers will feature a sealed side swing gate, some operators may choose to have them built with a sealed dump gate or even a sealed side swing, dump combo. These styles of gates are better for dumping materials out of the container. With this feature, an operator can also choose to add a front release to the dump style gate. This allows an operator to be at the front of the container to release the gate while the contents fall out of the back.

These are just 10 of the common features and options that can be added to a dewatering container. Depending on the operation, more specific features may be needed. To find more information on a dewatering roll-off container or to learn about more options and features available, contact a roll-off manufacturer who specializes in this type of build.

With more than 35 years of experience, you can trust Bucks Fabricating to provide you with hardworking products that keep your business in motion. We understand that every business is different, and we know how to build a container to support them. Whether you are in water and wastewater treatment/hauling, segment processing, and excavation, a Bucks Fabricating container is not only backed with several years of manufacturing experience, but the ability to offer several features and options to fit the needs of your business.

