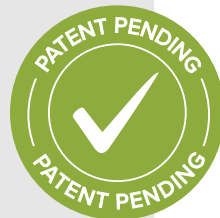


The BigTipper™

A permanently mounted dewatering solution for processing of sludges, slurries, and wet solids.

Large dewatering containers are typically designed as roll-off boxes that are taken to the landfill for disposal. Transporting a dewatering container between the jobsite and landfill takes it offline for extended periods of time, rendering it unusable for the purpose for which it was built: dewatering. Additionally, mishandling during transfer and disposal poses a risk of damage or excessive wear and tear. The BigTipper™ system eliminates these concerns by keeping the container secure and available for use, while also safeguarding it from potential hazards during trips to the landfill.

Available For:

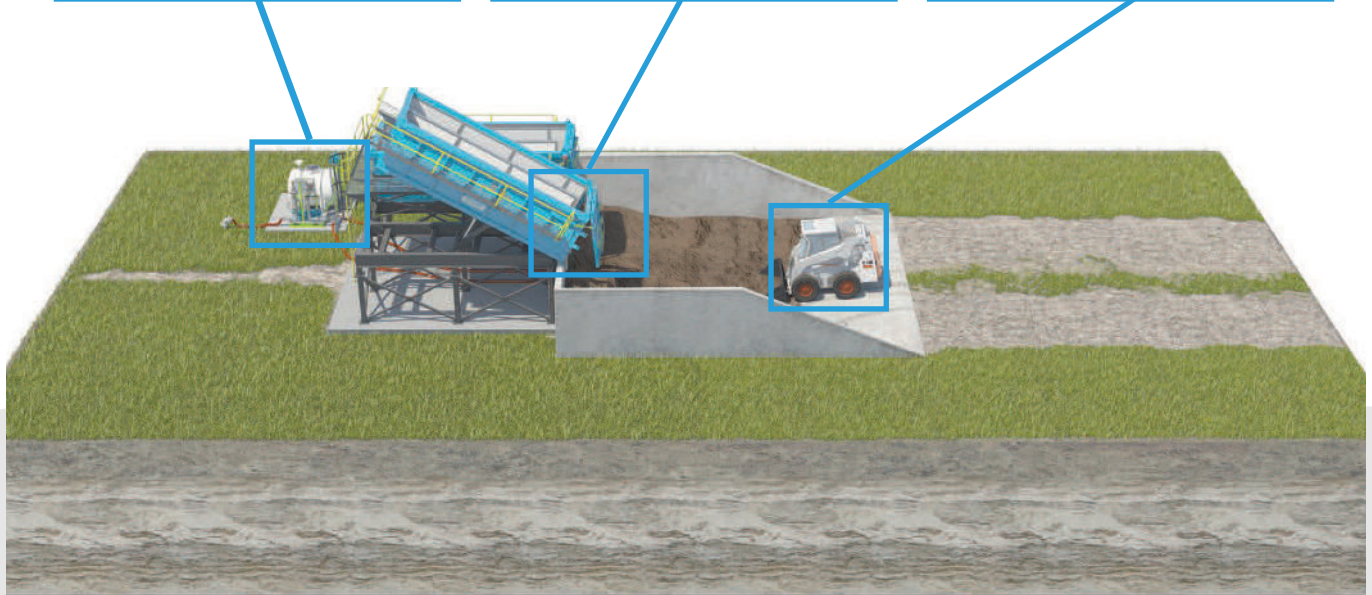
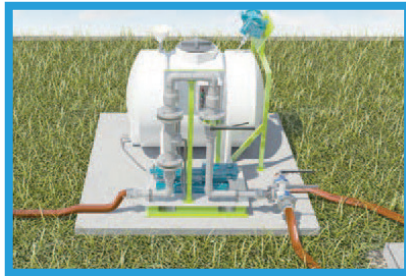


Features:

- Stand mounted & hydraulically operated
- Heavy-duty I-beam and square tubing stand construction
- Reinforcing bracing standard on stands taller than 6' and optional on shorter stands
- Equipped with OSHA-standard walkways, handrails, and ladder
- Controlled and operated by electric over hydraulic power units, available in 110v/220v single phase on smaller models and 230v/460v three phase on any model
- Can dump into bermed-in concrete pad, standard watertight roll-off container, dump truck, drying bed, conveyor or auger fed progressive cavity pump
- Available in cubic yard and height capacities to accommodate customer's requirements (standard container sizes: 15, 20, 30, and 40 cubic yards)

Applications Include:

- Bio-solids dewatering
- Grease trap waste
- Septic tank sludge
- Alum sludge
- Grit/sand separation
- Vac truck waste
- A variety of other sludges and slurries



How It Works

The dewatering container functions normally in the horizontal position receiving waste. Solids and liquids separate in the container, the liquid phase exits via discharge ports, and the solids form a dewatered “cake.” When the dewatering process is complete, it’s time to empty the container. The self-dumping dewatering container is emptied by actuating a hydraulic cylinder that tips the container. The operator releases the rear door locks by using a handheld or panel-mounted lock/unlock switch. The operator then energizes the “up” switch which raises the back end of the container while the fixed front end pivots on a hinge point, dumping the accumulated cake. The “down” switch brings the container back to the horizontal position, and the lock function closes the door and seats it against the gasket, preventing leakage.

