



Flock-N-Roll™

Cylindrical Dewatering Unit Permanently Mounted on a Hydraulically Operated Tilting Stand

The Flock-N-Roll is designed to dewater multiple types of sludge, including municipal wastewater treatment plant sludge, water treatment plant sludge, septic tank and grease trap waste, as well as various industrial waste streams. The standard unit has a 32-cubic yard capacity and can process approximately 30,000 gallons of 1% sludge before it must be unloaded (amount processed during a given time frame depends on % of solids).

Advantages:

- Small footprint
- Low disposal costs
- Low energy requirements
- Produces drier cakes than alternative devices
- Low installation cost compared to centrifuges, belt presses, fan presses, and screw presses
- Comparatively low capital investment

Features:

- Hydraulically operated rear door
- Hydraulic hoist tilts the Flock-N-Roll to a 45-degree angle for dumping
- Hydraulically operated clamping mechanism secures cylinder when unloading
- Park Process FM-7021 filter media is installed over stainless steel expanded metal support panels in the interior of the unit
- Stainless steel discharge nozzles empty filtered water into the effluent launder
- Support stand is equipped with walkways and handrails and is available in various heights from 2' to over 8'
- ½ HP drive motor gear reducer and sprockets for turning the cylinder after the filling process is complete
- 15 HP electric motor driven hydraulic power skid operates all hydraulic functions on the Flock-N-Roll using a hand-held control pendant
- Manway in front wall of cylinder for clean-out/inspection of interior

Applications Include:

- Municipal WWTP sludge
- WTP sludge
- Septic tank waste
- Grease trap waste
- Industrial waste streams

