CLEAN WATER TECHNOLOGY

Sludge Treatment

Swingmill DSM

Swingmill Dewatering Screw Press (DSM)

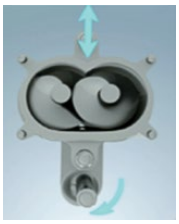
Sludge Dewatering

- Twin screws rotate simultaneously to push the sludge forward.
- Self-cleaning - spacer rings and plates move concentrically to automatically squeeze filtrate and self-clean.
- External action avoids obstructions.
- Creates a sludge cake which is discharged at the end of the cylinder.
- External drive rods create a vertical motion with a pendulum movement allowing the rings to cut through gaps without making contact.
- Adapts to a wider range of applications.
- Greater capacity than other press types.

Swingmill Benefits

Reductions compared to other presses

- **Self cleaning due to twin screws**
- **Reduced energy costs (~50%)**
- **Less (~20%) polymer consumption, (if polymer is needed)**
- **Smaller footprint**
- **Decreased odor**



Unique Mechanism

- External transmission bars create dual movements (rectilinear and pendulum).
- Movement reduces moisture content of sludge cake better than other mechanisms.

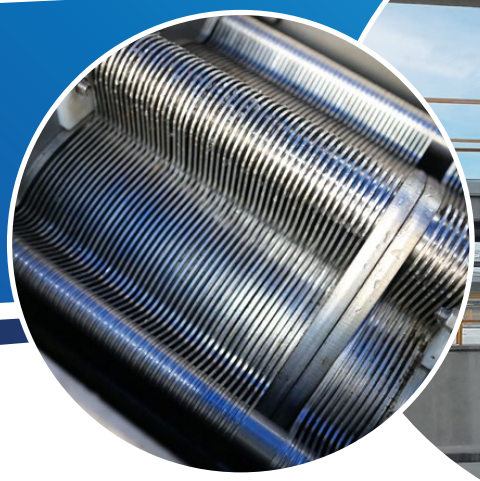
Performance

- Durable
- Fixed ring & moving ring mechanism
- Better de-watering through duo-movement
- Secure casing enclosure
- No clogging or deformation
- Programmable (fully automatic) - 24 hour operation without operator oversight
- Reduced moisture (drier sludge)

CLEAN WATER TECHNOLOGY
13008 South Western Avenue • Gardena • CA • 90249 • USA
info@cwt-global.com • 310-380-4648 • www.cwt-global.com

CWT

CLEAN WATER TECHNOLOGY



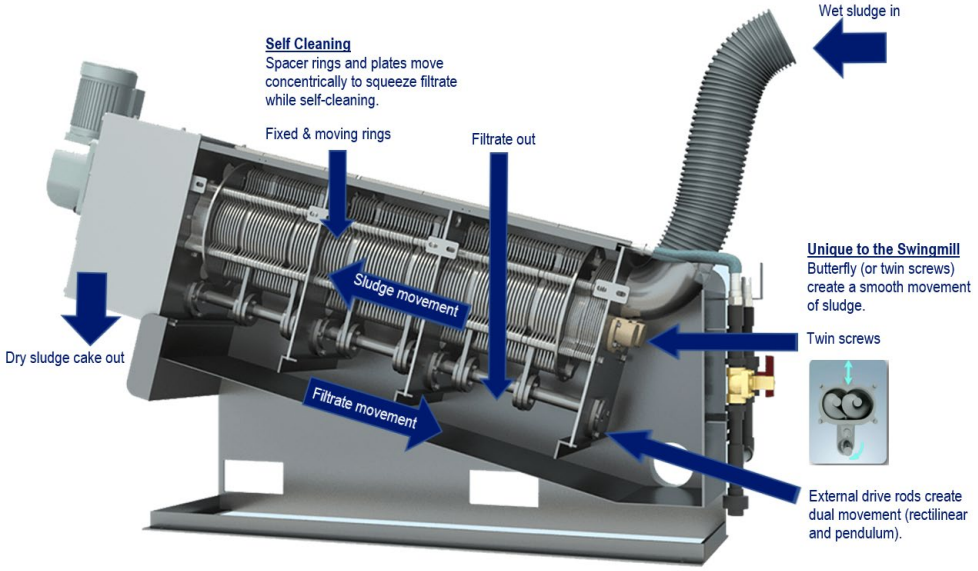
Swingmill Sludge Dewatering System

Models and Sizes

The Swingmill is available in sizes and capacities to meet any need.

CWT will recommend a model to fit the customer's needs based on flow rates, sludge concentrations, desired throughput, conveyor

Ask a Clean Water Technology project manager which model is best for your application



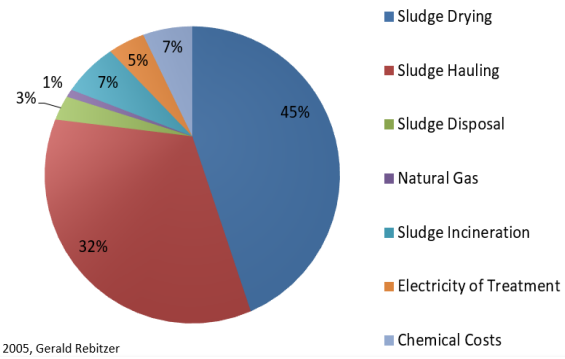
Importance of Drier Sludge

Clean Water Technology's (CWT) primary focus is to provide sustainability in all our design solutions. As shown in this chart, over 87% of wastewater costs are sludge related. Reducing sludge allows for cost-savings as well as fewer trucks on the road.

- Drying
- Hauling
- Disposal

The Swingmill dewatering screw press helps our customers become more sustainable.

Wastewater Expense Breakdown



2005, Gerald Rebitzer

Ready to Get Started?
Contact us today to begin a conversation!

CLEAN WATER TECHNOLOGY
13008 South Western Avenue • Gardena • CA • 90249 • USA
info@cwt-global.com • 310-380-4648 • www.cwt-global.com