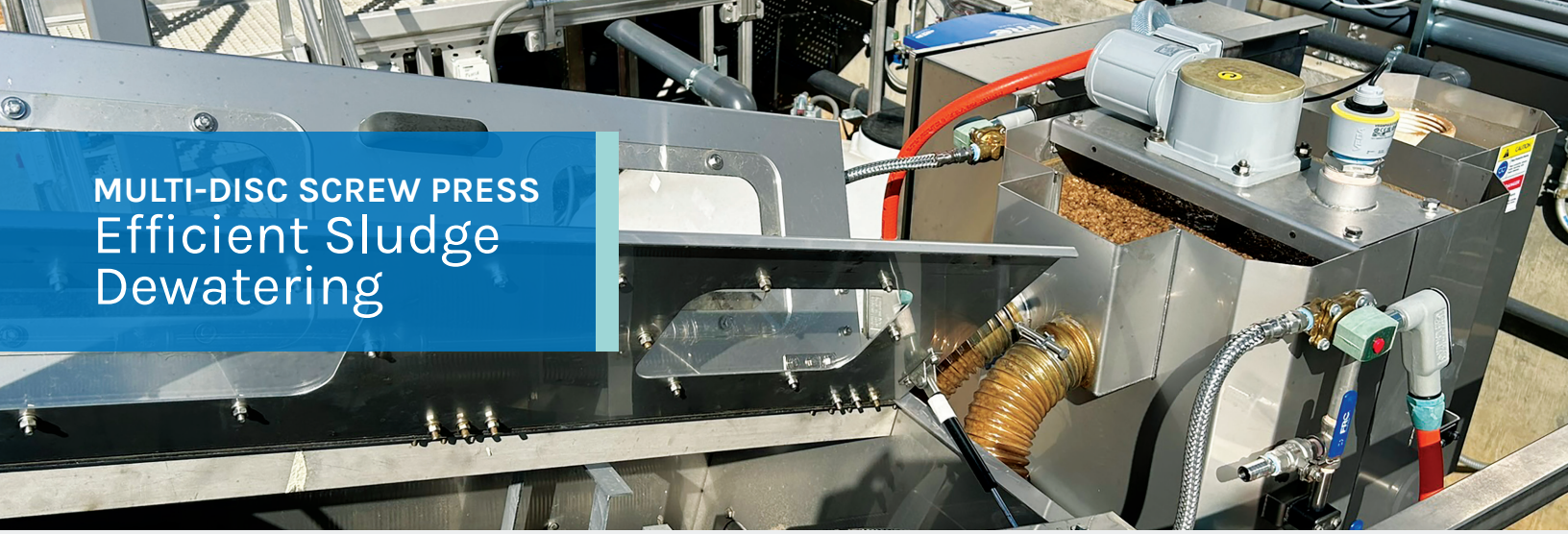

MULTI-DISC SCREW PRESS
Efficient Sludge Dewatering

Compact Design
SPACE-SAVING FOOTPRINT

Low Operating Costs
ULTRA LOW WATER CONSUMPTION

Durable Construction
HIGH-QUALITY MATERIALS

Overview

Managing sludge can be challenging, but not with the Multi-Disc Screw Press from FRC Systems. This advanced system dewaters sludge through mechanical compression and gravity filtration, ensuring optimal performance and minimal maintenance. By leveraging the advantages of FRC's Multi-Disc Screw Press, wastewater treatment facilities can achieve efficient, cost-effective, and environmentally friendly sludge dewatering.

Features

Advanced Dewatering Mechanism
Unlike conventional Screw Presses, the Multi-Disc Screw Press employs a multi-disc assembly, which integrates thickening and dewatering in a single process. This design ensures consistent clog-free performance while minimizing maintenance.

Customizable Solutions
Available in various configurations and sizes to meet diverse application needs, the Multi-Disc Screw Press can handle concentrated or dilute sludge flow rates up to 4,000 lbs.-DS/hr. while achieving dry solids content of 20% and higher depending on the application.

Why Choose FRC Systems' Multi-Disc Screw Press over other sludge dewatering equipment?

- **Higher solids capture rate:** Achieve drier sludge cake, thus reducing disposal costs.
- **Efficiency:** High dewatering efficiency with much lower energy, water and chemical consumption.
- **Ultra-low water consumption:** 5 gal/hr. per screw or less, considerably lower than other technologies.
- **Lower maintenance requirements:** Due to self-cleaning, minimal moving parts and durable materials, such as screw tungsten carbide coating.
- **Operational simplicity:** Highly automated and continuous process with minimal downtime, ensuring consistent performance and reliability
- **Clog-free design and low noise and odor**

FRC®
A Sulzer Brand

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