

TRIDENT MD Press

The **TRIDENT MD Press** has been designed to handle a wide range of sludge types and field applications. It is especially useful when sludge has a high oil and fat content (FOGS) that would bind filter materials and clog the process. The TRIDENT MD Press is designed to achieve both thickening and dewatering of sludge in a single operation. Significant cost benefits are achieved because the TRIDENT MD Press can process sludge directly from the aeration tank, eliminating capital costs for storage and thickening as well as reducing processing time and operational costs. Constructed from 304 stainless steel and other high quality non-corrosive components the TRIDENT MD Press will provide long life and trouble free operation. Completely automated the MD Press can perform as a standalone component with a dedicated control panel or be integrated into any existing system.



Features

- PLC Controlled
- 304SS construction
- Vibration-Absorbing mount
- Skid mounted
- CIP Spray Bar
- Moving Rings

- Low HP

- Dry Nutrient Rich Cake
- Variable Speed Drive
- Design Functionality
- Floc tank available

Benefits

- Totally automated efficient operation
- Long lasting & corrosion resistant
- Smooth operation
- Easily transported and set up
- Automated, Low wash water consumption
- Produces high-quality filtrate, simple & effective operation
- Extremely low power consumption—up to 95% less than many other dewatering processes
- Low noise and reduced odor generation
- Custom processing speeds/efficiencies
- Able to handle oily sludge
- Built-in flocculants dosing function



Specifications

Overall dimensions range:

From: Length: 73" Width: 29" Height: 42" Weight: 452 lbs

To: Length: 176" Width: 83" Height: 86" Weight: 7386 lbs

Power requirements: From: 0.32 HP To: 8 HP



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