

TRIDENT KDS Separator

The **TRIDENT KDS Separator** is a unique material separation technology that offers a very effective alternative to conventional solid/liquid separation systems. It provides very effective material separation, a small footprint and very low opex superior to centrifuge or belt press technologies. The TRIDENT KDS Separator is scalable to suit multiple applications and varying volumes of material. Constructed from 304 stainless steel and other high quality non-corrosive components the TRIDENT KDS Separator will provide long life and trouble free operation. Completely automated the KDS Separator 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
- Moving discs

- Low HP

- Variable Speed Drive
- Self cleaning
- Floc tank available
- Design functionality

Benefits

- Totally automated efficient operation
- Long lasting & corrosion resistant
- Smooth operation, reduced noise
- Easily transported and setup
- Self cleaning design, produces high-quality filtrate, does not need to return to the headworks (i.e. high solids recovery) and very low maintenance
- Extremely low power consumption—up to 95% less than many other dewatering processes
- Custom processing speeds/efficiencies
- Low wash water consumption
- Built-in flocculants dosing function
- Able to process a variety of feedstocks including oily sludge



Specifications

Overall dimensions range:

From: Length: 52" Width: 24" Height: 23" Weight: 260 lbs

To: Length: 131" Width: 61" Height: 35" Weight: 1411 lbs

Power requirements: From: 0.13 HP To: 2 HP



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