

# DEWATERING UNIT.

## SPECIFICATION.

**DIMENSIONS (LxBxH)**  
6000 x 2250 x 2900

**WEIGHT**  
4500kg

**ELECTRICAL REQUIREMENTS**  
1.5kW

**WATER REQUIREMENTS**  
Max 50 l/hr

**CAPACITY**  
2000 l/min

## PRODUCT DESCRIPTION.

The TWMA dewatering unit is a key part of our water based mud closed loop system.

The solution works by taking spent drilling fluid from the reserve pit or from the solids control output. This waste stream contains suspended matter of various sizes. The main challenges presented is that particles less than 6 microns in size are not easily removed by normal mechanical processes. These colloidal and near-colloidal or non-settle able solids may require much more time than is available to settle out of solution unless the process is adapted to remove them.

The TWMA dewatering unit enables you to add long chain polymers, aggregate or gather these colloidal particles to form larger sized particles and then transfer it to out mechanical separation tools such as a decanting centrifuge to be removed from the fluid.

## FEATURES & BENEFITS.

- Recovered water can be recycled into the active system and reused, thereby minimizing fresh water requirements for drilling fluid and cement
- Maximizes solids removal efficiency
- Eliminates the requirement for ground pits
- Reduces location area and construction costs
- Reduces haul off of waste