

DEWATERING



M-I SWACO has engineered portable and containerized DEWATERING technologies that remove colloidal-sized particles that can seriously degrade the performance of water-base drilling fluids. The DEWATERING systems eliminate the need for costly dilution to maintain density and rheological properties, thereby conserving water, reducing waste volumes and costs.

The fine particles are removed through a chemically enhanced process of enhanced centrifugation that is much more cost-effective than using a single high-speed centrifuge. A number of designs are available to fit within any onshore or offshore rig requirement. Regardless of the unit used, M-I SWACO DEWATERING⁺ systems provide operators a powerful tool for maintaining optimum drilling fluid properties, while minimizing waste, reducing treatment and disposal costs.

Features

- High-capacity centrifuge
- Fully-contained unit with a small footprint for rigs with limited space
- Optional magnetic flow meter records volumes processed as well as water usage
- Allows cut-point to be reduced below the capabilities of standard solids-control equipment operating parameters
- Water-recycling capability makes it easier to keep mud in good condition at all times and is ideal where water is scarce

Benefits

- Recycling of the fluid phase reduces water-hauling, drilling fluid and disposal costs
- Optimizes environmental performance
- Reduces chemical costs
- Maintains active mud in good working condition