

AUTOMATIC TANK CLEANING LITE (ATC LITE)



M-I SWACO builds on its field-proven AUTOMATIC TANK CLEANING LITE[®] (ATC) technology to provide the industry with a permanently installed mud tank cleaning system for offshore installations. The ATC LITE, which can also be truck mounted for land based operations, delivers the same waste reduction efficiencies by using only 6.5m³ (41bbls) of wash water to clean multiple tanks. The obvious QHSE benefit is that man entry into tanks is minimized or eliminated.

ATC LITE is uniquely engineered for a range of mud tank cleaning and recycling applications, including long-term or permanent installation aboard offshore rigs and supply vessels. The ATC LITE is the only technology of its kind adaptable as a trailer-mounted rental unit for cleaning oil and water-base mud tanks on onshore drilling rigs. In addition, ATC LITE is designed to enable fixed installation at liquid mud plants.

Features

- Fully automatic tank cleaning technology
- Continuous, closed-loop cleaning, recycling process
- Requires only 41 bbl (6.5 m³) of water on average
- Operates multiple TCM simultaneously
- Enhanced solids separation, water cleaning technologies
- Applicable for oil and water-based fluids
- Employs proprietary cleaning chemicals when cleaning OBM/SBM tanks
- Compact and mobile configuration
- Suitable for permanent installation
- Simplified operation
- Optional ATEX Zone 1, Class 1 Div 1 and non-hazardous area designations

Benefits

- Eliminates or significantly reduces need for confined space entry
- Minimizes waste volume by up to 95%
- Promotes recycling
- Decreases environmental footprint
- Greatly reduces cleaning time compared with traditional tank cleaning
- Facilitates barite recovery
- Reduces overall waste management costs
- Enhances QHSE profile
- Reduces comparative labor requirements
- Lowers non-productive time
- Improves overall project economics