

Helilight HL9 MUD SYSTEM

The TENSA Helilight mud system is designed to minimise life cycle costs associated with solids control operations, with each module's gross weight engineered with Helilift operations in mind.

It is designed to accommodate rapid mobilisation, easy set up and easy repair of components:

- **EFFECTIVE TRANSPORT** - Single skid system with fold over walkways to minimise transport and set up costs. Collapsible guardrails and roof means the system is road transportable.
- **COMPLETE CONTROL** - Bridge gate valves in all suction lines. Designed to accommodate your preferred choice of equipment and built to international codes of practice with TENSA's fabrication and quality control partners. System includes shaker, trip tank, degasser, and mixing modules.
- **BUILT TOUGH** - Steel tank for containment of high density mud up to 2.4 SG. Corrosion resistant fiberglass grating and ultra-heavy duty PVC rain cover. Corrosion proof 316 stainless steel piping and winch positioned tank skimmers.

The system most recently designed for use with a ZJ50DB drill rig achieved a 30% reduction in the number of modules from 20 to 16 whilst maintaining total pit capacity.



SPECIFICATIONS

System Capacity: 284m³ (1787 bbl.)

Handling Capacity: 272 m³/h (1200 gpm)

Shakers: 4 x Derrick FLC-514

Lighting: Dialight Safesite LED

Agitators: Vertical with SS316 impellers 11kW, 7.5kW

Pipeline: Mud Pump Suction: 2 x 12", Mixing Suction: 2 x 8" Equaliser: 12", Mud Trough: 10", Mixing Discharge: 3 x 6", Water Line: 1 x 4"

Tank Connections: Hammer Union, Air Seal Union

Surface Treatment: Marine coating

Module Weight: 9500 kg