

Slick Fill™

Fills pulser with required oil

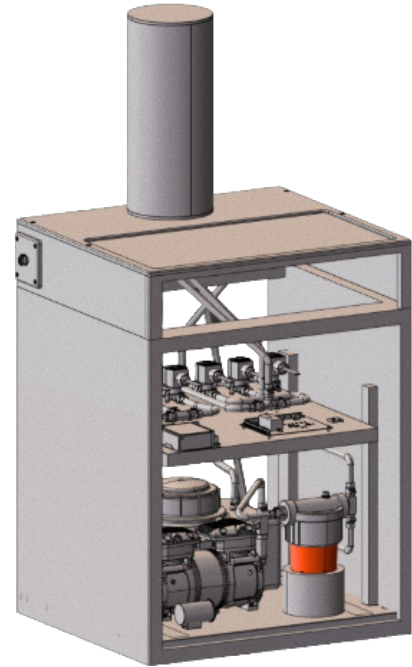
SlickFill is an automated oil fill station engineered to deliver fast, efficient, and reliable oil filling for downhole drilling tools while eliminating the variability of manual processes.

Features:

- Fully automated
- Oil-less vacuum pump paired with seal-free circulation pump
- Integrated oil heating, deaeration, and recirculation
- Controlled via touchscreen computer interface
- No mechanical valves, buttons, levers, or gauges
- High vacuum solenoid valves, relays, and pressure/temperature sensors
- Standalone operation for hands-off functionality
- Supports single and dual port filling modes
- Custom quick-connect fittings for rapid tool adaptation
- Built-in data tracking, automated logging, and reporting

Benefits:

- Eliminates inconsistencies and human error in manual oil filling
- Reduces fill time to ~7 minutes after initial system prep
- Improves operational efficiency with full automation
- Minimizes operator involvement, freeing up personnel for other tasks
- Ensures consistent oil quality through heating and deaeration
- Enhances traceability with integrated data and reporting
- Adapts quickly to multiple tool types, reducing downtime



Specifications

Dimensions	3.0" x 5.0" x 1.8" (76 mm x 127 mm x 46 mm)
Power requirements	110-120VAC 60Hz
Oil volume	~0.75 gal (2.84litres) operational volume
Oil viscosity	32 centistoke to 320 centistoke (ISO 32 to 320)
Heater	125W
Oil temperature	32°C to 50°C (86° to 122°F)
Vacuum capability	>29" HG
Max pump pressure	35 psi