

**slickfill** is an automated oil fill station designed to provide a rapid, efficient and reliable oil filling solution for downhole drilling tools. **slickfill** is designed specifically to eliminate the uncertainties associated with manual oil fill systems.

**slickfill** incorporates an oil-less vacuum pump coupled to a seal free circulation pump. **slickfill** also provides oil heating, deaeration and recirculation capabilities. all functions are automated using high vacuum solenoid valves, rugged relays, pressure and temperature sensors.

**slickfill** is built around a touchscreen computer interface and has no mechanical valves, buttons, levers or gauges. all functions are controllable through the integrated software interface and the entire system is designed to operate in a stand alone mode allowing shop personnel the ability to focus on other tasks. typical startup time is approximately 30 minutes (once a day to heat and deaerate the oil) and an oil fill can be performed in about 7 minutes.

**slickfill** is capable of filling downhole tools in both single and dual port modes, and custom quick connects are available to adapt to various tool types in seconds. **slickfill** also provides data tracking, automated logging and reporting capabilities.

specifications	
dimensions	17" wide x 15" deep x 23" tall (432mm x 380 mm x 583 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	30°C to 50°C (86° to 122°F)
vacuum capability	>29" HG
max pump pressure	35 psi

- fully automated
- touchscreen control
- single and dual port fill capability
- fast fill, approx. 7 mins in most applications
- built in heater, circulation pump and vacuum pump
- table top operation

