

Liquid Additive Skid

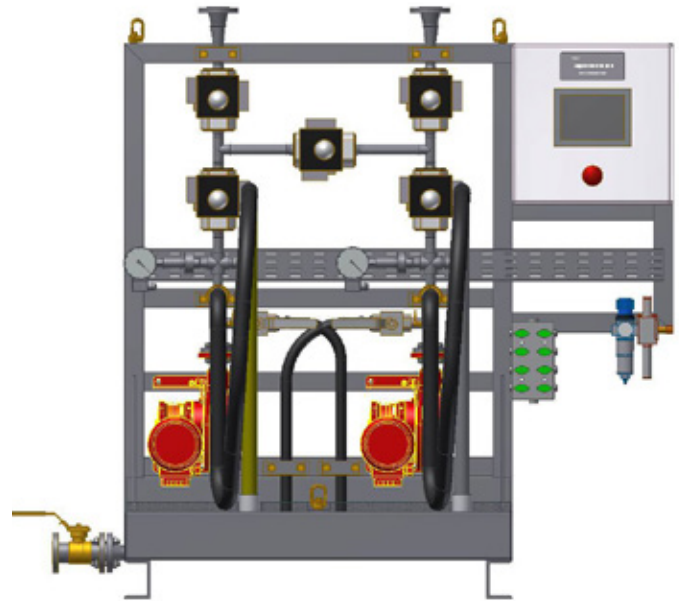
LAS00

Designed to meet the stringent demands of offshore rig equipment, Cameron's liquid additive skid (LAS) uses proven components and established technology to deliver reliable, efficient operations over a long service life.

The LAS streamlines the process of adding chemicals into oil-based and water-based mud systems by providing a single point of contact for liquid chemical feeding and injection jobs. Cameron's LAS ensures accurate, automatic, high-speed dosing of liquid chemicals into the mud mixing system for increased job flexibility and ease of use.

Operators control and monitor operations using a touchscreen mounted on the skid's local control panel (LCP). Operating parameters are set using the LCD touchscreen mounted on the skid local control panel. An information area on the LCP displays real-time system status whenever the system is running.

The LAS filling lances are connected to lengths of flexible hose using a quick-connect valve for fast and easy changes. The unit is driven by two VFD-controlled hose injection pumps, each with a pumping capacity of up to 1700 L/hr. A flow switch and a pressure switch on both of the chemical lines prevent high pressure during discharge operations of the dosing pumps if running against closed valves.



Main Features

- Compact footprint and skid-mounted for easy installation
- Two VFD-controlled injection pumps
- Automatic dosing
- Robust construction
- Fewer moving parts and reduced maintenance
- LCP with LCD touchscreen for operation, control and monitoring
- Designed and certified for offshore installation

Safety Features

- Filling lance with quick-lock mechanism for filling from containers, cans and barrels
- Instrumentation package prevents dry running
- Manual flushing valves
- Integrated spill pan and drain outlets

Technical Specifications	SI	Imperial (US)
Area classification	Safe Zone	
Dry weight	350 kg (580 kg - automatic version)	772 lb (1279 lb)
System control	Local and remote	
System type	Pneumatic electric	
System drive	Variable frequency drive (VFD)	
Pump capacity (each)	0.17-1.7 m ³ /hr (170 - 1700 L/hr)	0.75 – 7.5 gal/min

Scope of Supply	Options
Skid-mounted unit comes with the following:	Frequency control cabinet
Two VFD-controlled hose pumps	Remote-operated valves/remote control
Two filling lances with quick-connect mechanism	Barrel holder
Manual valves and manual flushing system	Automatic flushing system
Local control panel with LCD touchscreen	Additional certification (e.g. Zone II or CE)
Standard project documentation	NORSOK documentation

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