

Chemical Additive System (CAS)



Features and Benefits:

Batch Controller

Set dosing amounts individually and record totals to maintain history

Automated Valve Controls

System controls for ease of valve operation during dosing

Flow Metering

Accurate measurement of chemical dosage

Multiple Pump Configurations

Flexibility to suite all dosing applications

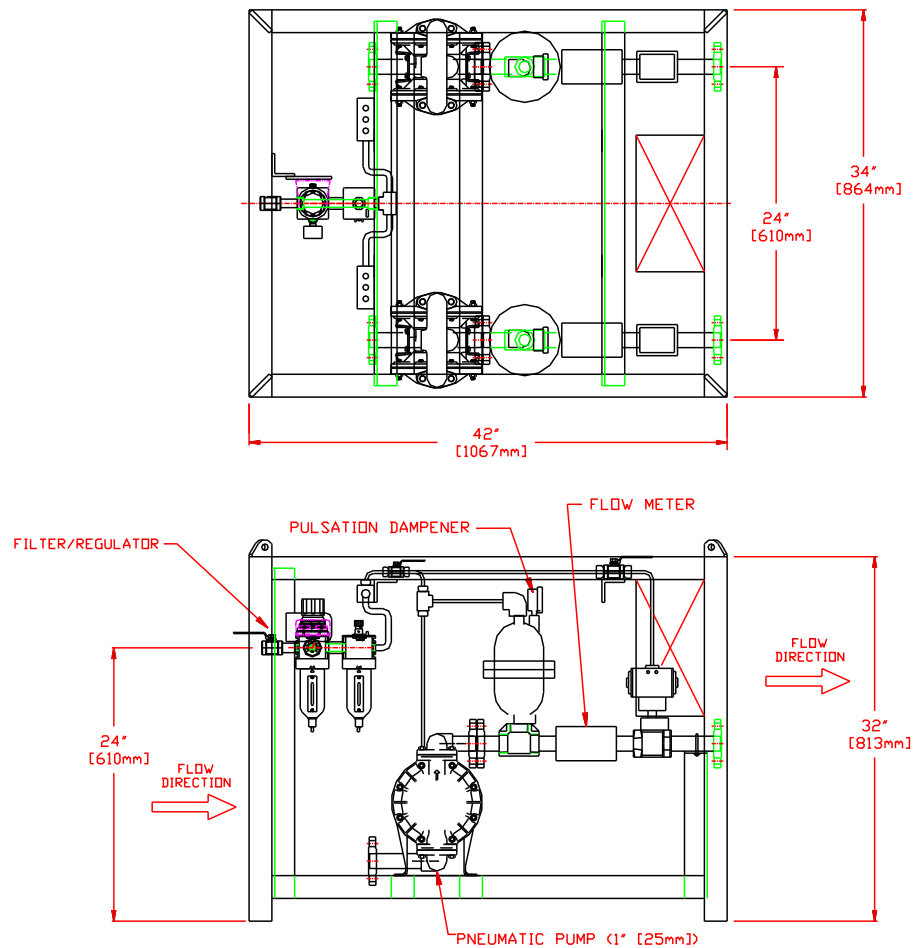


Vortex Ventures' Chemical Additive System (CAS) provides a safe and accurate way to add chemicals into the mud mixing process. Chemicals can be dispensed using multiple sources congruently or individually.

Flow measurement and flow rate is controlled with an automated system for ease of operation while maintaining historical delivery data. Vortex Ventures' CAS can be equipped with an output signal to a remote PLC, or other types of management control systems.

All CAS configurations are built to withstand the rugged oilfield environments, both on land and offshore.

Chemical Additive System (CAS)



Design Data

Feed rate / pump	52.2 [197.6]	GPM [LPM]
Weight	320 [145]	LBS [Kg]
Design temp.	10/180 [-12/82]	F [C]
Utility Air	20/120 [1.4/8.3]	PSI [BAR]
Electrical	120vac	
Area Classification	Class 1 Div.2	
Options:	Additional pumps	Integration with remote PLC

Installation supervision, commissioning and training can be provided separately