Offshore continuous liquid additive skid

1.Overview

The LAS system is designed to continuously add liquid additives into the slurry during the process of offshore or inland oilfield cement jobs. It greatly simplifies the storage of base cement materials. The system makes it possible to satisfy various cement jobs that havedifferent technical requirements with only one grade of cement material stored.
The LAS system is a more scientific and rational solution to liquid additive addition. In addition, the LAS system is the most common practice introduced by many the major cementing companies.
For a specific cement job, first input into the programmable controller parameters for additive and its proportion. The Serva LAS system automatically delivers the desired amount of each kind of additive in accordance with the flow rate detected from the cement pumpingskid (truck). It is more convenient and less costly than the regular practice because the system ensures the slurry is strictly made up according to the real amount required for a cement job. It reduces the amount of liquid additives usage and also helps protect theenvironment (less disposal of unused material).

2. General specification of electric drive LAS

Technical specification				
Net weight	4.2t			
Technical specification (4 standard modular)				
Voltage	380V/50hz or 460V/60hz			
Electrical motor	Explosion proof type motor			
Metering pump	Roper 71000 series screw pump			
Screw pump				
	Pump modular one	Pump modular two	Pump modular three	Pump modular four
Model	713025	71201	71202	71205
Working speed (RPM)	200-1200	200-1200	200-1200	100-900
Displacement (L/min)	2-11.8	6.5-39	15.3-91.7	19.7-177
Liquid storage tank				
	Pump modular one	Pump modular two	Pump modular three	Pump modular four
Length (mm)	1066	1066	1066	2080
Width (mm)	1219	1219	1219	1219
Height (mm)	1300	1300	1300	1300
Volume (gal)	1325(350)	1325(350)	1325(350)	2000(550)
Agitator	Pneumatic agitation/Electrical motor reducer