

SAS SEMI-AUTOMATED TANK CLEANING SYSTEM

USE FOR:

- Mud Pit Cleaning
- OSV/PSV Mud Cleaning
- Open Top Rig Tank Cleaning



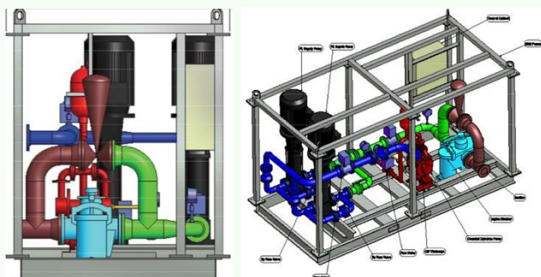
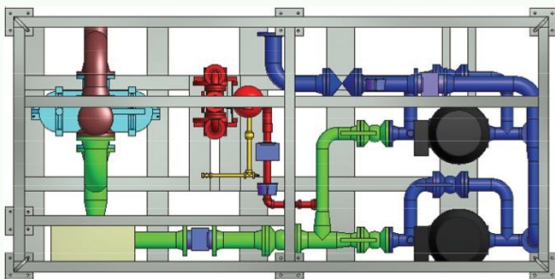
PRODUCT DESCRIPTION:

The **SAS-ES** semi-automated tank cleaning system is a skid mounted tank cleaning system designed for use in the oil & gas industry.

The **SAS-ES ATC system** is a semi-automated tank cleaning system with following capabilities:

1. Portable, not fixed installed
2. The capacity to drive 2 - 6 tank cleaning machines at one time
3. Option to remove mud solids through settling tank or decanter
4. Use with both OBM and WBM

SYSTEM SCHEMATICS



Operating pressure	0 - 270 PSI (0 - 18.6 bar)
Operating flow	0 - 482 USGPM
Filtration	200 micro
Frame	Hot dipped galvanised
Weight	Approx. 6,900 lbs (3, 316kg)
Pump	50HP
Dimension pump skid	158.1" L x 78.2" W x 92.3" H
Piping material	Carbon steel; coated

THE SAS-ES ATC SYSTEM

1. Holding tank & waste solid tank

A holding tank with a volume of 1,000 USG.

This tank is fitted with an internal baffle to allow for settling from returned wash pill.

2. Clean-in-place (CIP) Pumping Skid

The pumping skid is designed to drive 2 tank cleaning machines.

Basic control panel is incorporated in the pumping skid.



3. Tank Cleaning Machines

SAS uses Scanjet tank cleaning machines.

4. Solids removal & wash fluid re-use

The SAS tank cleaning system with a modular setup allows for complete flexibility in operations.

A buffer tank is fitted out with baffles that allow for the settling of the mud solids.

This in turn results in re-use of clean wash pill.