

EQUIPMENT PROFILE Chemical Cleaning Truck

Chemical Cleaning Truck

FourQuest Energy's chemical cleaning truck is a fully integrated trailer-mounted system with two hydraulically driven centrifugal pump units, specifically designed to ensure an efficient high flow and high pressure of the chemical or special fluid delivery. These units are also equipped with a compatible hot oil heater and two 2 m³ stainless steel tanks. They provide full onboard control capability with programmable set points for flow rate, pressure, and temperature.

Equipment

FourQuest's chemical cleaning truck contains a robust, directfired diesel heat exchanger, which provides 3.5 million BTU at peak exchange to guarantee high flow delivery across a wide range of temperatures. The system is fully winterized, and its compact design offers a small onsite footprint. All the safety features, such as external data collection, ensure a safe, hassle free, and efficient operation.

- > 80 HP Engine (John Deere deck engine)
- > 525 Cummins road engine
- > 3" x 2" Mission magnum pumps
- > Two 2 m³ storage tanks
- > 3.5 million BTU heat exchanger
- > Fully integrated shutdown system
- > Tandem axle truck



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Features

Fully mounted pre-assembly unit

Corrosion resistant (stainless steel)

Onboard control capability

Equipment driven by engine and hydraulic system

Equipment in pristine condition

Applications

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- > Steam boilers
- > Tanks
- > Exchangers
- > Condensers
- > Pipe lines
- > Reactors

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> Plant commissioning

- > Economizers
- > Steam mud drums
- Super heaters
- > Cooling water systems
- > Turbines
- > Compressors
- > BFW lines

Benefits

Save time on rigging in, set up or installation of the unit Eliminates potential leaks

Centralize all core components with a small foot print

Eliminate potential sources of contamination

Control of the heater, pumps, and tanks provides the flexibility to clean small and diverse systems in different configurations

Does not require a power source or steam

Pass inspections easily

Capabilities

- > Hydraulic variable speed
- > Operating temperature: 3°C to 80°C
- > Discharge pressure: 0 to 80 psi
- > Flow rate: 400 GPM: (1.51 m³/min) at 1750 RPM

Skid Footprint

	Length	Width	Height	Weight
Tandem	8 m	2.6 m	4 m	24,200 kg
Chassis	(26′ 3″)	(8' 6")	(14' 1")	(53,350 lbs)



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