

TRAILER TWIN CEMENTING UNIT



The greatest benefit of Sanjel's Trailer Twin Cementing Unit is its reliability. With fully redundant equipment, the Trailer Twin virtually eliminates the threat of down time due to mechanical failure. The Trailer Twin is field-designed and fabricated to withstand extreme weather conditions, yet is simple to operate and easy to maintain. With remarkable versatility, the Trailer Twin is capable of performing multiple functions and can simultaneously take on fluid, mix slurry and pump downhole.

Applications

- Shallow to deep well applications
- Critical and sour gas wells
- Surface, intermediate and production casings
- Liner cementing operations
- Injectivity tests
- Conductor barrels and well kills
- High pressure pumping
- Remedial cementing and acidizing operations

Equipment

- 2 – 335 kW deck engines
- 2 – Heavy duty 5 speed automatic deck transmissions
- 2 – 355 kW triplex pumps
- 2 – 3" x 2" centrifugal mixing pumps with 13" impeller
- 1 – 5" x 4" centrifugal pre-charge pump with 12" impeller
- 2 – 5.5 m³ sealed displacement/batch tanks with acidizing capability
- 2" Fig 1502 treating iron package

Instrumentation and Control Systems

- Real-time Field Data Acquisition System (FDAS)
- Digital rate and total flow readouts
- Martin Decker pressure gauges and chart recorders
- Complete backup capability for both mixing and displacing
- Continuous slurry averaging system

Performance

- Maximum Mixing Rate: 1.8 m³/min
- Maximum Pumping Rate: 3.0 m³/min with 114 mm plunger
- Maximum Pressure: 70 MPa with 89 mm plunger
- Batch Capacity: 11 m³