

Frac Fluid Blender for Oil and Gas Extraction

The blender provides top-ranking performance, controllability, and stability. It successfully mixes frac fluid of different viscosity, ratio and density according to the fracturing technology to a very uniform level.



ADDITIONAL IMAGES



Overview

High-Performance Frac Fluid Blending

This industrial blender delivers top-ranking performance, controllability, and stability for oil and gas extraction operations. It is designed to mix fracturing fluids of varying viscosity, ratio, and density into a highly uniform mixture, supporting applications in sand prevention, fracturing, acidizing, and shale gas extraction. The unit features an advanced control system with real-time monitoring to ensure safety and reliability during large-scale field operations.

Performance Metrics

Max Displacement Range

10 m³/min
Min Displacement

38 m³/min
Max Displacement

Max Working Pressure

0.7 MPa

Mixing Tank Volume Range

1.4 m³ - 1.8 m³

Configuration

Core Components

- Chassis: MAN / BENZ / Semi-trailer options
- Deck Engine: MTU / CAT / Cummins
- Transfer Case: STIEBEL / DURST / TWIN DISC
- Hydraulic System: Rexroth / Parker / Sauer
- Manifold: Double suction & Double discharge

Mounting Structures

Trailer Mounted • Skid Mounted • Truck Mounted