FRAC BLENDER

MIXING UNIT FOR PREPERATION
OF FRACTURING FLUIDS
The “Heart” of the Hydraulic Fracturing Equipment

APPLICATIONS

• The “heart” of hydraulic fracturing equipment
• Stimulation blender and chemical storage additive unit
• Designed for use in hydraulic fracturing and related use
• Fluid/proppant blender designed to handle higher viscosity fracturing fluids and increased proppant concentrations or low viscosity fluids with low proppant concentrations at high rates
• Typical operations: well acidizing and proppant blending
• Utilized for extreme climates from arctic to desert and tropical conditions

FEATURES

• Truck, trailer or skid mounted
• Various diesel engine configurations in order to reach the desired HP rating
• Built to European standards (optional)
• CE Conformity (optional)
• Automatic Tub-Levelling System (ATL)
• Automatic Chemical Control System (ACC) for liquid and dry additives
• Suction and discharge manifolds on both sides of the unit for ease of rig up (optional)
• Suction and discharge manifold flow meters
• Swing augers, automatically or manually controlled
• Blending tub for various rates
• Air conditioned (optional) control cabin with clear view of the mixing tub
• Hydraulically driven mixing systems
• Centrifugal suction and discharge pumps
• Automatic density control system
• Data acquisition system
• Viscometer and pH meter (optional)
• Chemical transfer pump
• Pneumatic remote valve actuators
• Diesel/air flushing system
• Various quantities/types of liquid additive pumps
• Eductors for introduction of dry additives into the blender tub
• Emergency shutdown
• Various chemical totes
• Can operate as a standalone unit without the data van

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