HYDRATION UNIT

MIXING UNIT FOR PREPARATION OF FRACTURING AND OTHER STIMULATION FLUIDS
Preparation of Fracturing Fluids

APPLICATIONS

• Used for the hydration of different frac base fluids (gels) in preparation to be transferred to the blender for crosslinking
• 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 Chemical Control System (ACC) for liquid and dry additives
• Hydration tank with weir system
• Suction and discharge manifolds on both sides of the unit for ease of rig up (optional)
• Flow meters
• Air conditioned control cabin with clear view of the unit
• Hydraulically driven mixing systems
• Circulation pump
• Viscometer and pH meter (optional)
• Chemical transfer pump
• Pneumatic remote valve actuators
• Diesel fired engine pre-heaters
• Hose racks with discharge and suction hoses
• Various quantities / brands of liquid additive pumps
• Dry guar tank with weight measuring system (optional)
• GOES Data Acquisition System
• Various chemical totes
• Storage compartments
• Diesel fired burners to heat frac water fluid prior to mixing (optional)
• Wintarization system (optional)

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