FALIZ PAJOUHESH PARS CO.



F3.B1

Trailer Mounted Batch Mixing Unit

This unit is designed for continuous and batch mixing of high quality slurry, according to actual operating condition in oil field, the trailer is equipped with two extra mechanic jack at the tail end which can meet the requirements of weight bearing during the mixing job. The deck engine supplies power to whole mixing equipment, through driving the hydraulic system to power the three centrifugal pumps and agitators. The unit is mainly used in cementing jobs with high demand of slurry density.

Dimensions & Weights

[L] 11.6 m [W] 2.6 m [H] 4.3 m [Weight] 22000 kg

Technical Specification

Mixing Capability: 0.3 ~ 2.3 m^3/min
Density range: 1.3 ~ 2.5 g/cm^3
Auto control precision: +/- 0.02 g/cm^3
Batch mixing tank volume: 2x 50 bbl
Mixing tank volume: 8 bbl
Working ambient temperature: -20°C ~ +55°C

Main Equipment

* Chassis type: Semi-trailer
* Diesel engine: caterpillar C7 300 HP@2200 RPM or equivalent
* Gear box: Funk 59000 series
* Hydraulic system: Eaton heavy close hydraulic system
* Slurry recirculating pump: Serva 6x5 or equivalent
* Booster/transfer pump: Serva 6x5 or equivalent
* Mixing water pump: Serva 4X3 or equivalent
* Mixing system: high energy mixing injector
* Control system: Auto density control system

Optional Design

Batch mixing unit with frame structure suitable for offshore & land cementing services.

Features

* Continuous / Batch mixing, manual / auto control
* Utilizes new high energy mixing technology. Slurry enters into batch mixing tank via high energy mixing system and then average to ensure the stable quality of slurry.
* Adopts the international popular configuration 2x50BBL, and install large power agitator in each tank.
* Auxiliary hydraulic jacks meets demand for weight bearing.

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