

# HIGH RATE FRACTURING BLENDER – SERIES 130



Sanjel's High Rate Fracturing Blender is custom-designed for high fluid rate and sand rate pumping capabilities, capable of reaching a maximum output of 130 bbl/min. The added advantage of this unit is its ability to also pump in the low to mid rate ranges, making the High Rate Fracturing Blender ideal for virtually any hydraulic fracturing operation.

## Applications

- Addition of fracturing fluids, chemicals and proppants
- Low, intermediate and high rate capabilities
- Conventional fracturing operations
- Foam fracturing operations
- Fracturing through coiled tubing
- High rate slick water fracturing

## Equipment

- 800 hp 6 cylinder diesel pump engine
- 600 hp 6 cylinder diesel hydraulic engine
- Centrifugal 12" x 12" suction pump with 22" impeller
- Centrifugal 14" x 12" discharge pump with 22" impeller
- High velocity, small volume proppant mixing chamber
- 3 – Hydraulically-driven 12" proppant supply augers with low to high range control
- 4 – Hydraulically-driven liquid additive pumps independently controlled and monitored
- 1 – Hydraulically-driven low rate dry additive feeder
- 1 – Hydraulically-driven high rate dry additive feeder
- Highly efficient closed loop hydraulic systems for faster response and less wear

## Instrumentation and Control Systems

- AccuFrac Control System for automatic operation of individual liquid additive pumps and slurry density control, providing monitoring of:
  - Slurry discharge rate and total
  - Liquid additive rates and totals
  - Dry additive rates and totals
  - Clean fluid rate and total
  - Discharge slurry density
- Auto fluid leveler
- Manual override feature for all electronic controls
- Suction and discharge manifolds operated from driver or passenger side
- Emergency shutdown safety feature

## Performance

- Output Range: 6 – 130 bbl/min
- Maximum Slurry Concentration: 21 lb/usg
- Maximum Proppant Delivery Rate: 21250 lb/min
- Maximum Boost Pressure: 85 psi @ 24 bbl/min with clean water
- Maximum Liquid Additive Rate: 48 usg/min
- Maximum Dry Additive Rate: 160 lbs/min