



100 BBL BLENDER CHASSIS MOUNTED



*picture may not represent listed specification

GENERAL UNIT DESCRIPTION

The Dragon 100 Barrel Blender is designed to integrate a slurry of water, sand, dry chemicals and liquid chemicals to provide the desired fracturing components.

OPERATION

- Maximum Working Fluid Rate: 100 BPM (4200 GPM)
- Maximum Discharge Pressure: 80-100 PSI

APPROXIMATE DIMENSIONS

- Length with Sand Hopper Up: 43'3" (13.2m)
- Length with Sand Hopper Down: 44'11" (13.7m)
- Width: 8'2" (2.5m)
- Height: 12'4" (3.8m)
- Weight: 55,000 lb. (24,950 kg)

*Subject to change depending on chassis

CHASSIS SPECIFICATIONS

- Steel Rear Dual Axle Fenders
- Front & Rear Oil-Field Bumper with Tow Loops
- LED Chassis Lights and Work Lights

POWER UNITS

- Road Motor 605HP with FABCO Transfer Case
- 375HP John Deere Deck Engine with (4) Pad Funk Drive and 100 Gallon Fuel Tank

*Subject to change depending on chassis

SUCTION/DISCHARGE PUMPS

- 12" x 12" Centrifugal Pump (Suction)
- 12" Suction and Discharge Manifolds with (12) 4" 206 Subs
- 8" MAG Flow-Meter on Suction Piping
- 12" x 14" Centrifugal Pumps (Discharge)
- 8" MAG Meter on Discharge Piping with Pre-Fabricated Blank to Add a Turbine Flow-Meter

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HYDRAULIC SYSTEM

- Hydraulic Auger Positioning System
- Hydraulic Oil Cooler with 160 Gallon Hydraulic Oil Reservoir
- Close Circuit Hydraulic Pumps for Augers and Suction Pump
- Hydraulic Pump for Auxiliary Functions
- Hydraulic Hoses

BLENDING SYSTEM

- 72" Mixing Tub with Impeller (16 BBL Volume)

SAND DELIVERY SYSTEM

- Dual 12" Hydraulically Driven Sand Augers
- Single 6" Hydraulically Driven Sand Auger
- Large In-Feed Hopper

DRY-ADD SYSTEM

- Dry Add Hopper with 4" Auger and Jet Mixer
- Dry Add Hopper with 2" Auger and Jet Mixer

CONTROL PANEL

- Full-Control and Storage Deck
- Air-Actuated Tub Drain
- Steel Control Panel
- Gauges and Controls Include:
 - Engine Start/Stop/Throttle, Display Modules with Hours, Fault Codes, Oil Pressure and Coolant Temperature
 - Auger Speed Controls and FWD/REV Switches
 - Liquid Chemical Pump Speed Controls with Flow/Total Displays
 - Two Dry Chemical Feeder Speed Control with Flow/Total Displays

CONTROL PANEL, Cont'd.

- Tub Paddle Speed Control
- Auger Lift Control
- Engine Kill Switches
- Light Switches
- Hydraulic Temperature and Pressure Gauges
- Suction Pump Hydraulic Pressure Gauge
- Auger System Hydraulic Pressure Gauge
- Suction/Discharge Pump Speed Controls with Flow/Total Displays

OPTIONAL EQUIPMENT

- Mounting Racks on Back Bumper
- Wash Down Spray Hose
- Additional Hose Racks
- Operator Enclosure with Heating and A/C
- Chemical Add System

PAINT

Paint color specification to be supplied by customer, two color maximum. Additional colors are available for an additional charge.