

PROPELL BLENDER UNIT



A high-performance blending package with maximum operational efficiencies and built to last with engineered quality from Propell.

PERFORM

Cube Radiator

A single cube radiator package cools the engines, fuel, gearboxes and hydraulics.

Cube radiators contain less moving parts, make less noise, and direct all hot air upwards rather than over the engine; providing increased cooling performance, easy serviceability, and a reduced service cost over the lifespan of the radiator.

Discharge Pump

The discharge pump is mounted on the road-side for serviceability and modular component and piping mounts accommodate a wide variety of pump types.

Accurate Control

The latest technology in the control system provides the most accurate sand delivery through calibrated augers, tub overflow protection, auto-rate control and smart monitoring for preventative maintenance on the radiator, pumps and piping.

PROTECT

Fire Prevention Shield

Mounted between the hydraulic tank and pumps is a fire-prevention shield. This added feature prevents hydraulic fluid from spraying on the engine, turbo and exhaust.

Serviceability

A carefully engineered chassis and component placement ensure all major service items are placed for ease-of-access and hide hot surfaces.

Guards

Moving parts are securely guarded, including our proven, proprietary drive shaft guard which is engineered to contain the drive shaft in the event of a failure.



REQUEST A QUOTE

1.800.845.7249 | sales@propell.com



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SPECIFICATIONS

Length: **48' 6"** Width: **8' 6"** Height: **13' 6"** Weight: ***80,000 lbs**

**Weight may vary by customer specification*

**WE WORK WITH ALL MAJOR OEM'S
TO BUILD TO CUSTOMER SPEC**

Propell Stock Blender - 140 Barrels/Min

Trailer Chassis

- CMVSS & FMCSA certified

Engine

- (2) CAT C-18 800 HP
- Tier 4 Final
- No DEF required

Radiator

- GHT Cube radiator

Fuel Tank

- (2) 150 gallon

Gearbox

- Namco
- Hydraulic Clutch

Suction Manifold

- Split manifold design
- Internally-welded
- (2) 8" ports
- (12) 4" ports

Discharge Manifold

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Suction Pump

- Gorman Rupp
- 612L20-B-B option
- 15" ground clearance

Discharge Pump

- Frac Pump Parts
- 4x12, 120 bpm

Piping

- 10" sch80 discharge piping
- Magnetic flow meters on both sides
- Optional turbine flow meters

Blending Tub

- 13 Barrell capacity

Augers

- (3) 12" 2/3 pitch augers
- Over-sized shafts, bearings, motors for durability
- 71 Ft3 Hopper Capacity
- 21,000 Lb/Min Max Proppant Rate

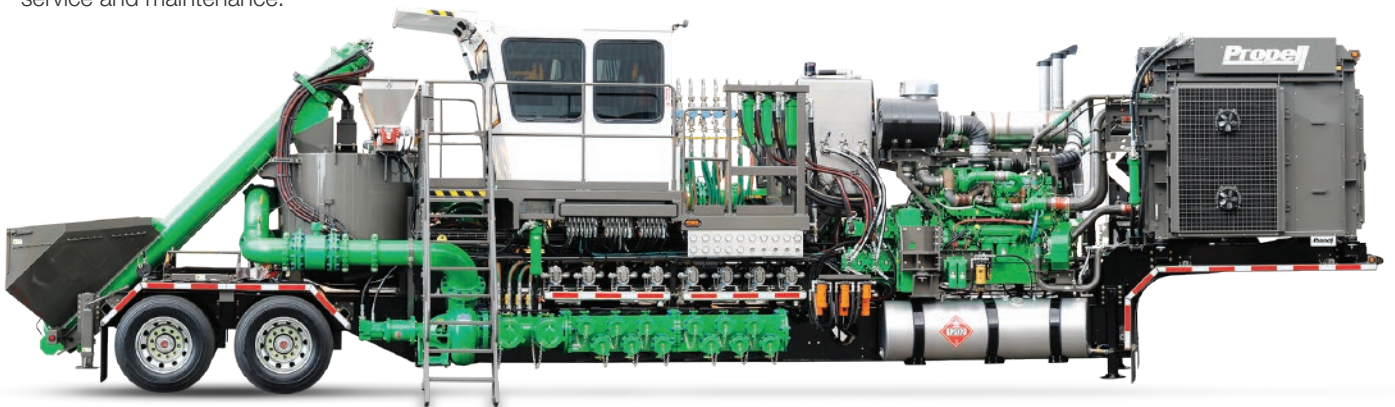
Chemical System

- 8 Waukesha Chemical pumps

HOLLOW CORE DESIGN

For Easy Service & Maintenance

With a purpose-built chassis, all the Blender's components such as piping, hydraulics, electrical lines, filters, pumps and flows meters have been mounted outboard to ensure clear access for service and maintenance.



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