

# CES-Q-3000

Cudd's Tier 4, 3,000 bhp hydraulic fracturing pump



## INDUSTRY-LEADING INNOVATION IN HYDRAULIC FRACTURING.

Cudd's Q-3000 frac pumps deliver maximum efficiency, durability and lower operating costs, requiring a smaller footprint compared to a conventional lower-horsepower fleet. These powerful and innovative units provide more than 2,800 hydraulic horsepower (HHP) at pressures up to 14,000 psi (higher pressures available with 4.5-in. plungers). The superior 550-gallon fuel capacity enables extended pumping operations designed for today's fracing operations.

### FEATURES AND BENEFITS

- ◆ First Tier 4 Final emissions compliant, diesel-powered 3,000 bhp fracturing units in the industry
- ◆ Addition of 34 new Q-3000 pumps
- ◆ More power—higher fuel efficiency and power density per spread
- ◆ Maximum efficiency, durability, and low operating costs through unmatched fuel efficiency and long maintenance intervals
- ◆ Unit includes on-board fire suppression system

Engine	MTU 16V4000 Tier 4F Engine   Rated Speed 1900 (RPM)   Torque 8,605 (lb/ft)
Transmission	Caterpillar TH55-E90 Transmission
Pump	SPM QEM 3000, Rod-load (275,000 ft-lbs)
Radiator	GHT-131 Radiator
Instruments and Controls	NOV Rolligon VersaFRAC™ control system
Trailer Type	Stewart & Stevenson Heavy Beam Trailer Quad axle group with rearmost lift axel
Performance	3000 bhp SPM QEM-3000
Pressure	14,000 psi with 5.0-in. Plungers, 17,290 psi with 4.5-in. Plungers
Rates	Up to 22 bpm with 5.0-in. Plungers, 18 bpm with 4.5-in. Plungers
Fuel Capacity	550 gallons

