

# Falcon™ Cementing Unit

MAXIMIZING SLURRY DENSITY CONTROL



## APPLICATIONS

- Land cement pumping operations

## FEATURES & BENEFITS

- Minimizes nonproductive time with reliable twin-pump design
- Precise automatic slurry density control programable for multiple slurry blends
- Density control range from ultra-lightweight to 22 ppg slurries
- Virtually dust-free, direct feed bulk delivery system and automatic tub level control
- Comprehensive monitoring package with real-time remote data transmission capability

## OVERVIEW

Falcon cement mixing and pumping units use an integral slurry mixing system to control slurry density and consistency. The control systems also enable programming of multiple slurry blends, including ultra-lightweight cement slurries.

The reliable twin-pump design features two electronic transmissions and two diesel engines to minimize downtime. There is ample deck work area, an automatic over-pressure shutdown safety system and a virtually dust-free mixing environment for safe operation. In addition, it is equipped with control and monitoring systems for job parameters control, real-time job data acquisition and post-job analysis.

## TYPICAL SPECIFICATIONS

MAXIMUM HYDRAULIC HORSEPOWER (HHP)	800 HHP (light) / 1,000 HHP (heavy)
PRESSURE RATING	10,000 psi with 4 1/2-in. plunger 15,000 psi with 3 1/2-in. plunger
MAXIMUM SLURRY RATE	4 bbl/min at 22 ppg 10 bbl/min at 13 ppg
DENSITY CONTROL	±0.1 ppg
MAXIMUM DISPLACEMENT RATE	20 bbl/min with 5-in. plunger