



# PITPUMP™

The Toughest Most Versatile Mud Pumps  
Ever Designed for the HDD Industry

## PURPOSE BUILT

Designed and developed specifically  
for use with drilling mud.

## TOUGH

Liquid-cooled and designed to remain submerged.  
Built to handle particles up to 5 inches in diameter  
with up to 8-inch discharge. High chrome alloy steel  
components with extended run dry capability.

## ADVANCED

Active health monitoring of critical components  
prevents unplanned downtime.



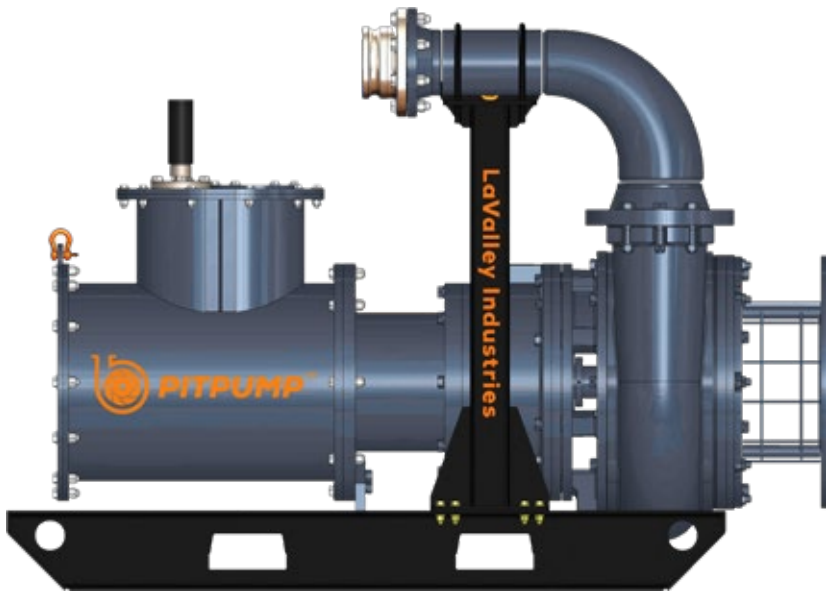
**LaValley Industries.**

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# PITPUMP™ LARGE



## SMART FEATURES AND KEY BENEFITS

**Advanced internal liquid-cooling system** and high chrome alloy steel pump components (650+ Brinell) ensure industry leading service life.

**Specialized inlet and impeller design** are built to handle particles up to 5 inches in diameter which reduces frequency of cleaning.

**Reversible impeller** direction allows operator to clear lodged particles, all from the control panel.

**Active health monitoring** of critical components automatically notifies operator of needed maintenance, preventing unplanned downtime and keeping productivity high.

**Variable pump speed** enables pump flow to be optimized based on flow requirements for maximum efficiency.

**Critical data** including power level, cycle logging, pump temperature, coolant temperature, pump motor RPM and fuel level are monitored and clearly displayed for operator.

## SMARTER, TOUGHER, BETTER



LaValley Industries.

## TECHNICAL SPECIFICATIONS

**PARTICLE SIZE**  
5 IN / 127 MM

**MAX FLOW RATE**  
14LB 120 VIS SLURRY

**1400 GPM**  
**5300 LPM**

**PUMP SPEED**  
**500-800 RPM**  
NORMAL OP. SPEED 625 RPM

**DISCHARGE**  
**6-8 IN / 152 MM**

**COOLANT**  
**PROPYLENE GLYCOL/WATER**

**WEIGHT**  
**3750 LB / 1700 KG**

**LENGTH**  
**83 IN / 211 CM**

**WIDTH**  
**34 IN / 86 CM**

**HEIGHT**  
**59 IN / 150 CM**