HIGH FLOW SERIES PUMPS

Purpose-built for greater flow, longer life, and reduced total cost of ownership

CRANKSHAFT BEARINGS
Large surface area and optimized lubrication channels reduce friction and extend bearing life under high cyclic stress

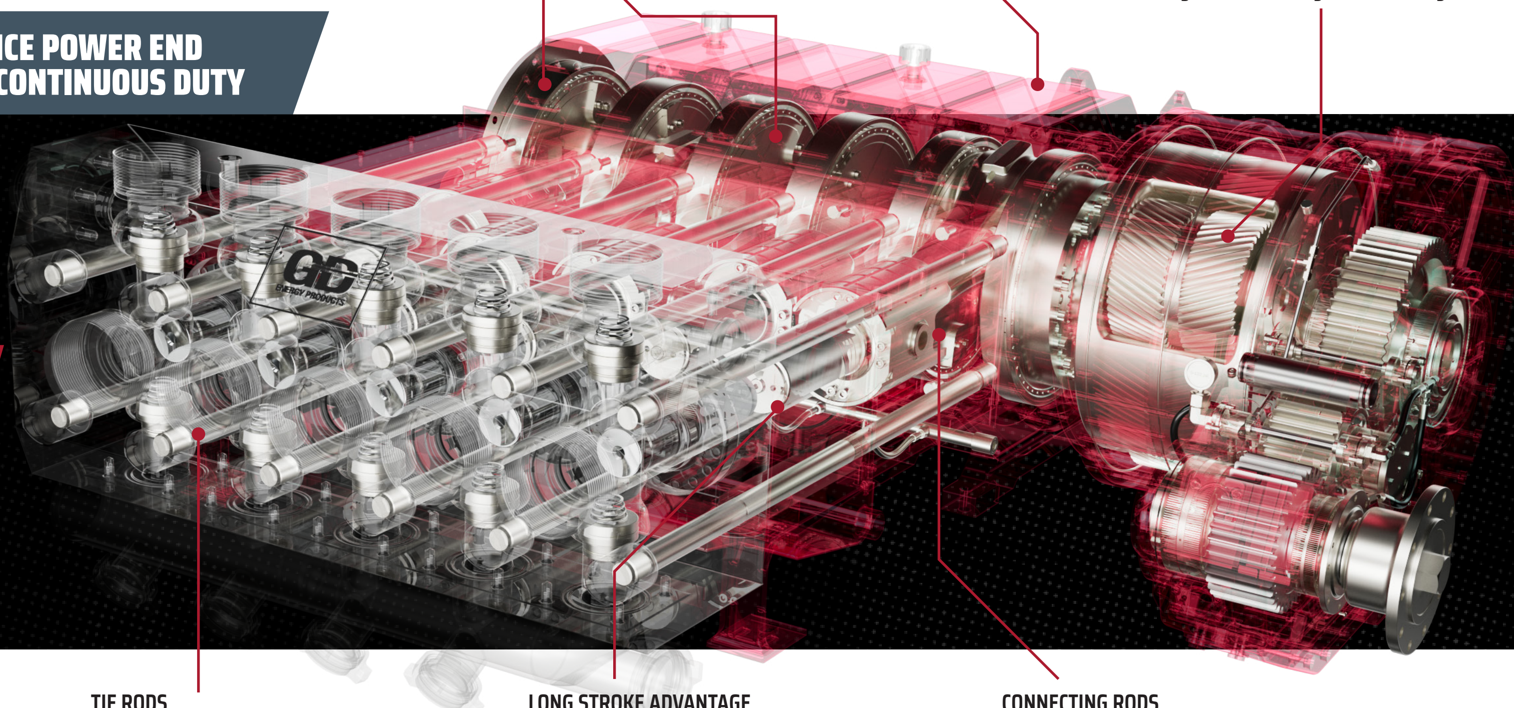
CRANKSHAFT
High-strength alloy steel crankshaft, precision balanced to minimize deflection and vibration under continuous load

HIGH INTEGRITY FRAME
Heavy-duty frame constructed with high-strength steel, reinforced welds, and rigid skin plates to deliver maximum structural integrity, extended fatigue life, and reliable performance under the heaviest frac loads

SMART GEARING SYSTEM
Configurable ratios precisely align pump speed with driver torque and RPM, ensuring optimal performance across the full RPM operating range of any power source while maximizing horsepower delivery, improving energy transfer, and minimizing vibration for greater reliability and efficiency

HIGH PERFORMANCE POWER END ENGINEERED FOR CONTINUOUS DUTY

GD 3600HF / GD 5000HF



TIE RODS
Long-life, high-strength tie rods designed to last the entire power end life

Fewer rods simplify assembly and reduce stress concentrations

LONG STROKE ADVANTAGE
Up to 37% greater flow per stroke, achieving target rates with fewer revolutions and reducing wear on critical components

CONNECTING RODS
Enhanced geometry distributes stress evenly, improving fatigue resistance in demanding continuous duty cycles

- 37% — 11” stroke delivers 37% more flow per revolution
- 4K — 4,000 lbs lighter and more compact than competitors
- Balanced rod load engineered to minimize stress
- One platform, two configurations for seamless fleet integration
- 100% — Customizable gear ratios enable 100% horsepower utilization

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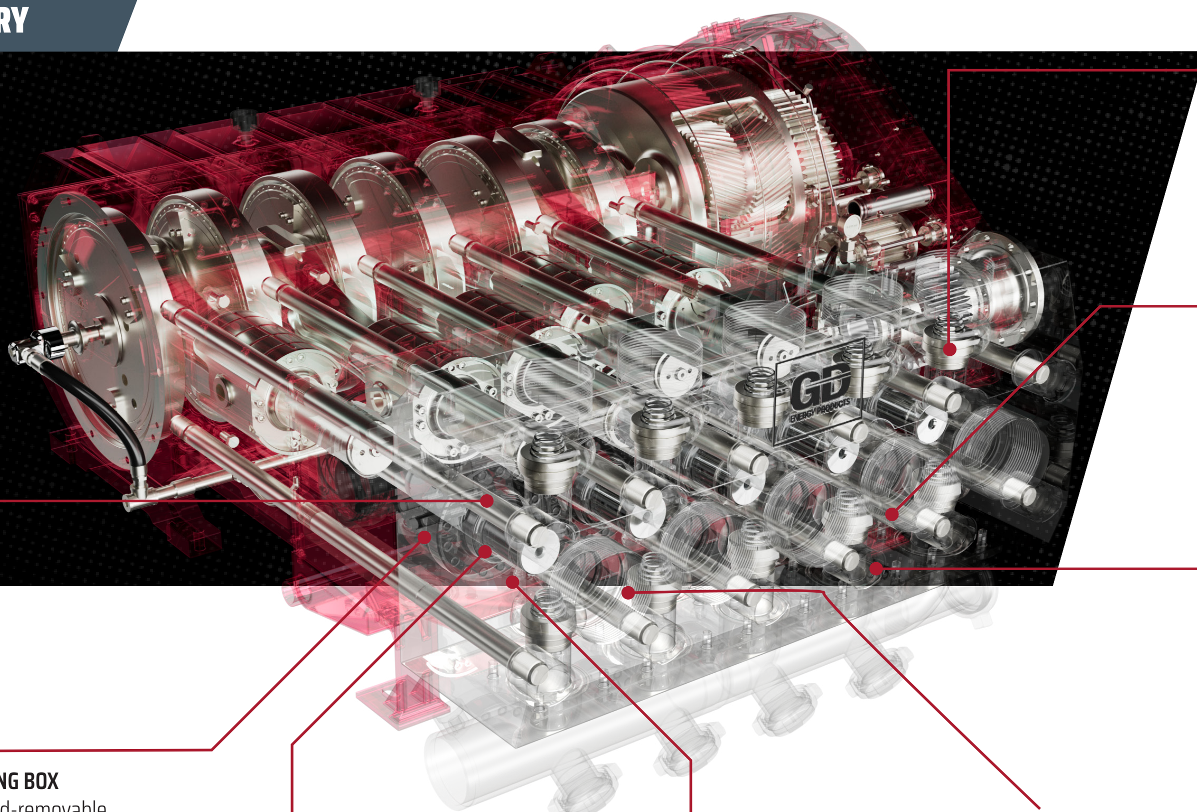
NEXT GENERATION FLUID END WITH ADVANCED SEALING & GEOMETRY

GD 3600HF / GD 5000HF



REDLINE+ VALVE & SEATS
Engineered with proprietary materials and optimized geometry for longer life under extreme pressures and abrasive slurries

FALCON RETAINER
Innovative retaining technology designed to simplify service and maintenance, allowing faster, easier access to critical components while reducing downtime

GREATER CLEARANCE IN CRADLE AREA
Improves accessibility during plunger and packing service procedures

FEWER BOLTS ON FLUID END
Provides quicker access for maintenance, reduces service time, and lowers spare parts requirements

BOLT-ON STUFFING BOX
Independent, field-removable design enables quick service access, reduces downtime, and improves sealing reliability under high pressures

REDLINE+ PACKING
Premium compound and flow geometry reduce wear, improve lubrication, and extend packing life under continuous duty operations

ENHANCED CROSSBORE AND THREAD GEOMETRY
Optimized geometry increases retainer nut thread fatigue life by 3X, improving component durability under high cyclic stress

PATENTED MOVEABLE VALVE COVER SEAL TECHNOLOGY
Dynamic seal system doubles bore life by reducing localized wear, extending uptime, and lowering service frequency

- Improved accessibility
- Reduced downtime and parts inventory
- Modular architecture for faster, easier service
- Extended consumable life