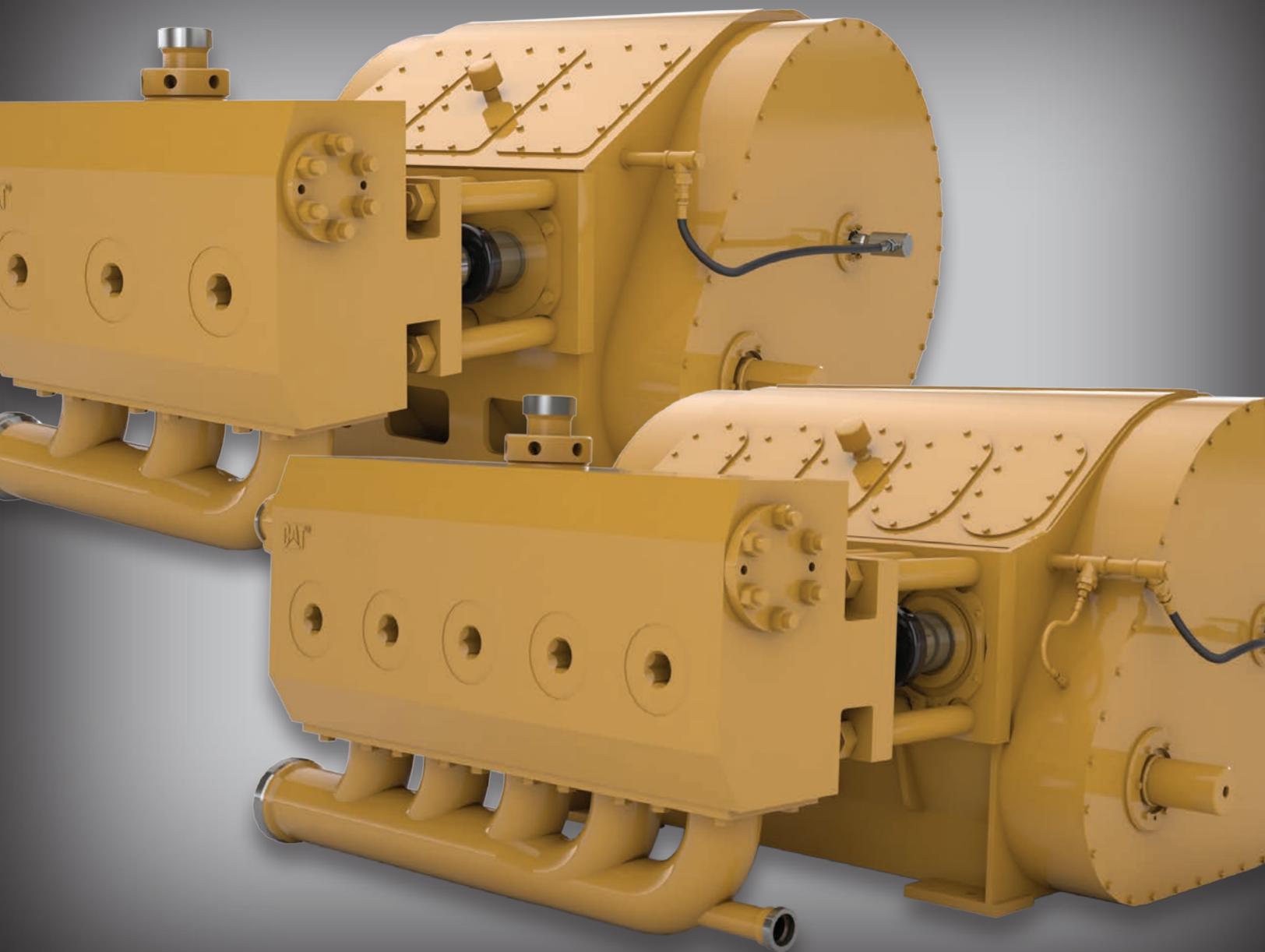


WS223 and WS255

Cat® Well Stimulation Pumps



Well Constructed



When your job needs a stimulation pump, we're ready. Our full line of well stimulation pumps are designed and manufactured by Caterpillar, in Caterpillar factories for single-source package confidence.

Standard Features

FLUID ENDS

- Increased durability of fluid ends to decrease downtime
- Full line of 8" and 10" fluid ends for application flexibility
- Dimensionally compatible fluid ends with industry standard 8" and 10" stroke power ends
- Valve-over-valve design to simplify valve, seat, and plunger installation
- Polypak seals for more reliable sealing at suction cover and discharge flanges
- Components designed to maximize interchangeability across our fluid end line and industry standard fluid ends

POWER ENDS

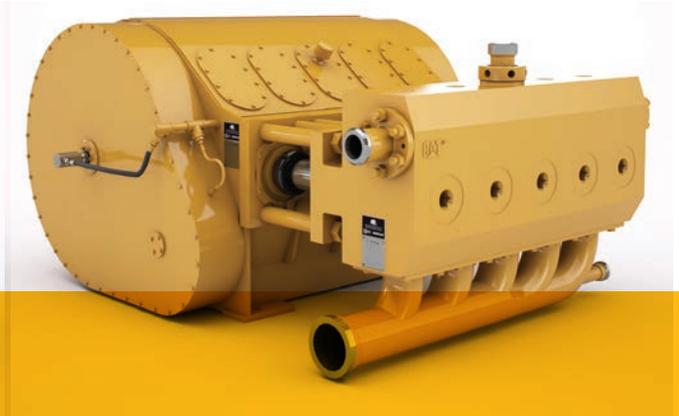
- Industry standard footprint – fully interchangeable with competitors' pumps
- Reverse helical pinion and bull gear design for great reliability
- Fully welded structure with additional internal supports
- Two-piece stay rod design – pre-tensioned stay rod lowers cyclic loading and fatigue stress
- Nose plate-to-frame design with dovetail interlocking to increase structural strength
- Forged or fabricated bull gears – no cast material
- One-piece forged crankshaft

Well Stimulation Pumps



WS223

Triplex Well Stimulation Pump



WS255

Quintuplex Well Stimulation Pump

| | | |
|---------------------------|-------------------------|------------------------|
| Maximum Input | 2250 bhp (1678 bkW) | 2500 bhp (1864 bkW) |
| Maximum rpm | 330 | 330 |
| Number of Plungers | 3 | 5 |
| Stroke Length | 8 in (203.2 mm) | 8 in (203.2 mm) |
| Plunger Load | 225,000 lb (102 058 kg) | 192,325 lb (87 237 kg) |
| Pump Weight | 13,000 lb (5896.7 kg) | 16,000 lb (7257 kg) |
| Gear Ratio | 6.353:1 | 6.353:1 |



Quality High quality materials, advanced manufacturing techniques, heat treatment processes, high-performance surface treatments, and special coatings ensure exceptional product life and performance.



Performance In the field, equipment either proves itself or it doesn't. Cat® power equipment has been proven in countless oil and gas applications around the world.



Global Support

When you invest in legendary equipment, you get legendary support. The Cat dealer network is where you are, when you need them. Year after year, Caterpillar remains your partner through changing technology in a changing industry.

Global parts distribution and more than 100,000 trained technicians worldwide ensure the parts and support you need are never out of reach.

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To learn more about well stimulation pumps from Caterpillar Global Petroleum, call your local Cat dealer or visit www.catoilandgasinfo.com.