

Cat® Fluid Ends

For Well Stimulation Pumps

Global well service customers have a competitive advantage with Cat® well stimulation fluid ends. Replacement fluid ends to match both Cat well stimulation pumps and select competitive pumps are readily available throughout the Cat dealer network in a variety of configurations and arrangements.



Product Options

- Standard fluid ends give customers a cost effective solution for pressure pumping applications at lower pressures with increased flow rates.
- XD fluid ends are designed for well stimulation applications in regions with higher pressures.
- Full line of 1502 discharge flanges – male, female, and blank. Series 2002 discharge flanges are available in select cases.
- Suction manifold options – Zoomie, log style, cold weather, and our innovative low-profile option.

| Power End Rating | Fluid End | | | | | | | |
|------------------|------------------|--------------|--------|------------|-----------------|--------------|-----------------|---------------|
| | Plunger Quantity | Plunger Size | Stroke | Valve Size | Plunger Spacing | Identifier** | Valve Stop Type | Stay Rod Type |
| 2250 Triplex | 3 | 4.5" | 8" | 5 Series | 12" | XD, SS | Grooved | Flange |
| | | 4.5" | 8" | 4 Series | 12" | | Grooved | Flange |
| | | 5" | 8" | 5 Series | 12" | XD | Grooveless | Flange |
| | | 5" | 8" | 5 Series | 12" | | Grooved | Flange |
| 2500 Quintuplex | 5 | 4" | 8" | 4 Series | 10" | XD, SS | Grooved | Flange |
| | | 4" | 8" | 4 Series | 10" | | Grooveless | Flange |
| | | 4.5" | 8" | 5 Series | 10" | XD, SS | Grooved | Flange |
| | | 4.5" | 8" | 4 Series | 10" | | Grooveless | Flange |
| | | 5" | 8" | 5 Series | 10" | XD, SS | Grooved | Flange |
| | | 5" | 8" | 5 Series | 10" | | Grooveless | Flange |
| 2700 Triplex | 3 | 4" | 10" | 4 Series | 13" | XD | Grooveless | Flange |
| | | 4.5" | 10" | 4 Series | 13" | | Grooveless | Flange |
| | | 5" | 10" | 4 Series | 13" | | Grooveless | Flange |
| 2400 Triplex* | 3 | 4" | 10" | 4 Series | 10.5" | XD, SS | Grooveless | Through Bolt |
| | | 4.5" | 10" | 4 Series | 10.5" | | Grooveless | Through Bolt |
| | | 5" | 10" | 5 Series | 10.5" | XD, SS | Grooveless | Through Bolt |
| | | 5.5" | 10" | 5 Series | 10.5" | | Grooveless | Through Bolt |
| 2500 Triplex* | 3 | 4.5" | 10" | 4 Series | 12" | XD, SS | Grooveless | Through Bolt |
| | | 5" | 10" | 4 Series | 12" | | Grooveless | Through Bolt |
| 2700 Quintuplex* | 5 | 4" | 10" | 4 Series | 10.5" | XD, SS | Grooveless | Through Bolt |
| | | 4.5" | 10" | 4 Series | 10.5" | | Grooveless | Through Bolt |
| | | 5" | 10" | 5 Series | 10.5" | XD, SS | Grooveless | Through Bolt |
| | | 5.5" | 10" | 5 Series | 10.5" | | Grooveless | Through Bolt |
| 3000 Quintuplex | 5 | 4" | 10" | 4 Series | 13" | XD | Grooveless | Flange |
| | | 4.5" | 10" | 4 Series | 13" | | Grooveless | Flange |
| | | 5" | 10" | 4 Series | 13" | XD | Grooveless | Flange |
| | | 5.5" | 10" | 5 Series | 13" | | Grooveless | Flange |

* Caterpillar does not offer this Power End option

** XD denotes our extreme duty product, SS denotes stainless steel product



Cat® Fluid Ends For Well Stimulation Pumps

Features and Benefits

- Dimensionally compatible with industry standard 8" and 10" stroke power ends.
- Valve-over-valve design simplifies valve, seat, and plunger installation.
- Grooved and grooveless valve stop designs available. Grooveless design eliminates stress risers present with a grooved valve stop design.
- Plunger line – colmonoy 6 coating with a minimum hardness of 56 RC.
- Standard and premium plunger packing available.
- Polypak seals for more reliable sealing at suction cover and discharge flanges.
- Fluid end components designed to maximize interchangeability across our fluid end line and with industry standard fluid ends.
- Premium quality Cat valves and seats.



Your Cat dealer also provides a full range of Cat parts required to maintain and repair your Cat well stimulation fluid end and select competitive fluid end models.

- Stay rod kits
- Packing kits
- Cat valves and seats
- Plungers
- Flanges
- Seals
- Suction and discharge covers
- Retainer nuts

See your Cat authorized service location for specific part numbers.

Standard Caterpillar warranty is supported worldwide.

CAT DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.



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