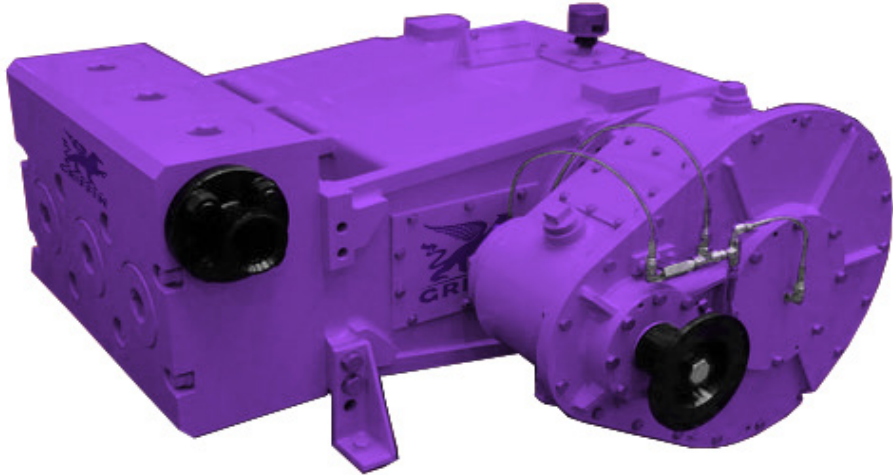


GRIFFIN GT-600

GRIFFIN
17 rue Emilie Garet
64000 PAU - France
contact : info@griffin-energy.net
sales@griffin-energy.net



Specifications

Max input power	600hp (447kW)
Crankshaft Speed	450 RPM
Con. Rod Max Load	100'000 lbs (45'360kg)
Stroke	6" (152mm)
Gear ratio	4.6:1
Length	50" (1270mm)
Width	53" (1346mm)
Height	32" (812mm)
Weight	4600 lbs (2087kg)

The GRIFFIN GT-600 pump is a well service reciprocating triplex pump used in a various industries such as:

- Oil & Gas Well Service (cementing, acidizing, stimulation, frac,...)
- Geothermal Well Service (cementing, frac,...)
- Jet Grouting
- Mining

The GT-600 is rated 600hp

Its design has been field proven since decades and makes it one of the most popular oilfield pumps throughout the world thanks to its ruggedness, reliability, and ease to maintain.



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The GRIFFIN GT-600 pump dimensions allow to mount two pumps back to back on a trailer/truck while complying with maximum allowance from the EU road regulations for the width of a vehicle.

The fluid end of the triplex pump is forged providing excellent resistance to fatigue stress and giving the possibility to pump at high pressure and high rates for extended period of time.

GRIFFIN GT-600 components are designed and engineered in-house. Extreme care is taken about the quality of the alloys, material properties, machining tolerances and quality control.

After assembly each GRIFFIN pump is thoroughly tested on a test stand for hours through a challenging FAT (Factory Acceptance Test) pushing the pump to its limits to ensure safe and satisfactory performances for the most demanding operations.

The GT-600 pump is available in 2.75", 3", 3.5", 4" and 4.5" plungers.

The gear box assembly can be rotated and adjusted in 16 different positions.

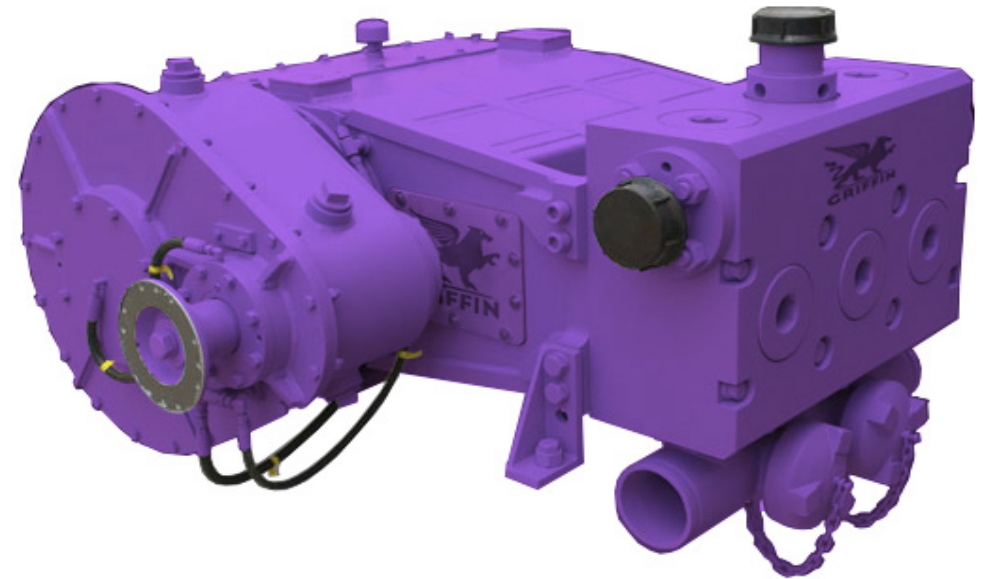
The pump is available as a Right Hand and Left Hand to realize a Back To Back set up. Its 6" stroke allows to operators to have a finer control on the flowrate during operations such as acidizing through coil tubing while pumping at high pressure with 2.75" plungers while its 4.5" plungers allow to displace very large volumes of fluid.

The fluid end internal cavities have been design for a smooth flow path to reduce the erosion of the valves and valve seats extending their service life.

GRIFFIN pumps are equipped with adjustable pressure relief valves (pop off type) set by default at the maximum discharge pressure admissible for the plunger size selected by the client.

The GT-600 is CE marked and is covered by GRIFFIN's standard 12-month warranty. A warranty extension can be purchased.

All GRIFFIN GT-600 pumps are designed, engineered, built and tested in GRIFFIN's facilities in France.



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Plunger Dia.		Driveshaft RPM																										
		230					460					920					1380					2070						
Inch		mm		Crankshaft RPM																								
				50					100					200					300					450				
		Flowrate			Pressure		Flowrate			Pressure		Flowrate			Pressure		Flowrate			Pressure		Flowrate			Pressure			
		GPM	BPM	LPM	PSI	Bar	GPM	BPM	LPM	PSI	Bar	GPM	BPM	LPM	PSI	Bar	GPM	BPM	LPM	PSI	Bar	GPM	BPM	LPM	PSI	Bar		
2,75"	69,9	23	0,6	88	17851	1231	46	1,1	175	17851	1231	93	2,2	350	9999	690	139	3,3	526	6666	460	208	5,0	788	4445	307		
3,0"	76,2	28	0,7	104	15000	1034	55	1,3	208	15000	1034	110	2,6	417	8401	579	165	3,9	625	5600	386	248	5,9	938	3736	258		
3,5"	88,9	37	0,9	142	11023	760	75	1,8	284	11023	760	150	3,6	568	6174	426	225	5,4	851	4117	284	337	8,0	1277	2742	189		
4,0"	101,6	49	1,2	185	7960	549	98	2,3	371	7960	549	196	4,7	741	4725	326	294	7,0	1112	3154	218	441	10,5	1668	2102	145		
4,5"	114,3	62	1,5	235	6289	434	124	3,0	469	6289	434	248	5,9	938	3735	258	372	8,9	1407	2492	172	558	13,3	2111	1662	115		

