



TG-600S

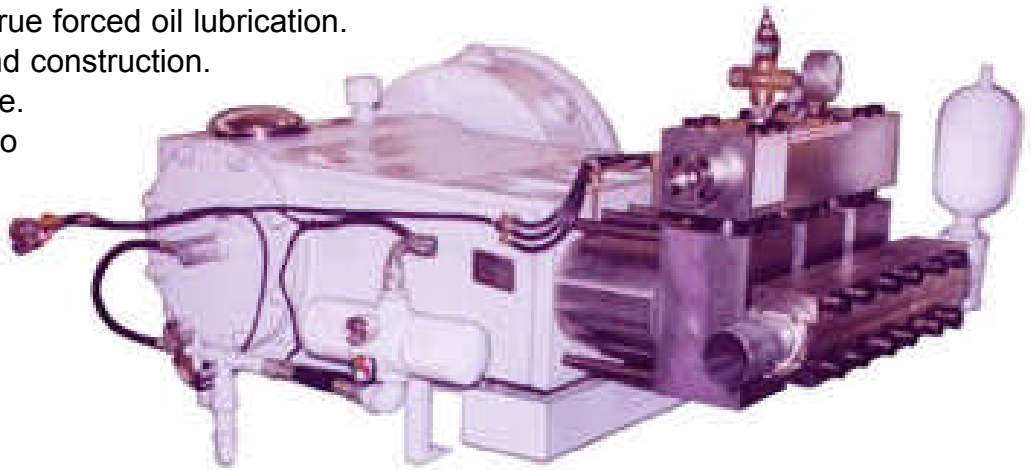
Pressures to 10,000 PSI
Flows to 173 GPM • Power to 600 HP

Features

- ◆ Sectionalized "L" fluid end design/optional oilfield style fluid end.
- ◆ Pressure range from 5,000 PSI to 10,000 PSI.
- ◆ Flow rates to 173 GPM / 655 LPM.
- ◆ Maximum frame load of 71,000 Lbs. / 32205 Kg.
- ◆ Manufactured on state-of-the-art machinery.
- ◆ Drilled crankshaft for true forced oil lubrication.
- ◆ Stainless steel fluid end construction.
- ◆ Easy field maintenance.
- ◆ Rigorously subjected to full load testing.
- ◆ Extremely reliable.
- ◆ Field proven design.

Applications

- ◆ Water Blasting
- ◆ Chemical Injection
- ◆ Hydrostatic Testing
- ◆ Process Water Disposal



Performance Specifications

	MAX. PRESSURE	FLOW							
		196 RPM		200 RPM		300 RPM		375 RPM	
		PSI/BAR	GPM/LPM	PSI/BAR	GPM/LPM	PSI/BAR	GPM/LPM	PSI/BAR	GPM/LPM
TG-600S	PLUNGER DIA.								
	2.500" - 63.5mm	10K/689	38/144	10K/689	77/291	8K/551	115/435	6.5K/448	143/541
	2.750" - 69.8mm	10K/689	46/174	9K/621	93/352	6.7K/461	138/522	5.3K/365	173/655
	3.000" - 76.2mm	10K/689	55/208	8.5K/586	110/416	5.6K/386	165/624	4.5K/310	206/780

Stroke: 6" / 152 mm • Max. Speed: 375 RPM • Weight: 4,700 Lbs. / 2132 Kg

Note: Pump is equipped with reduction gear.

Note: All flows are based on 100% volumetric efficiency. Pressures shown are based on single-speed performance. See unit specification sheets for pressure ratings on multi-speed units.

GARDNER DENVER WATER JETTING SYSTEMS, INC.

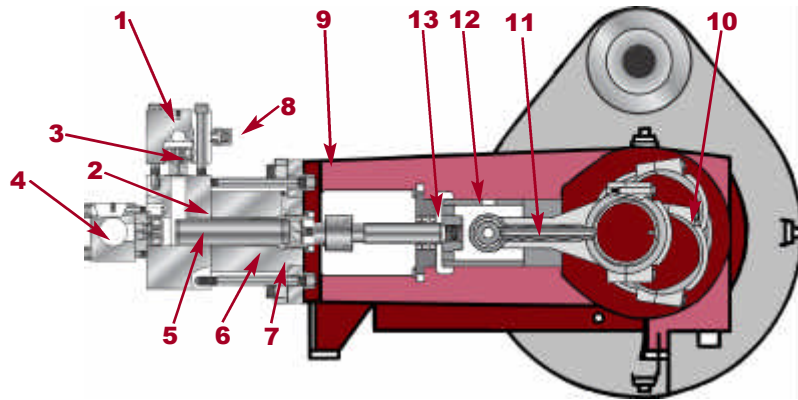
Partek • Liqua-Blaster • Geoquip • CRS Power Flow • Jetting Systems • American Waterblaster

800-231-3628 • 281-448-5800 • Fax 281-448-7500

www.waterjetting.com • mktg.wjs@gardnerdenver.com



TG-600S PUMP



Fluid End

1. **Discharge Manifold:** Manufactured from precipitation hardened stainless steel.
2. **Fluid Cylinder Body:** Three cylinders machined from hardened stainless steel for extended life.
3. **Valve Assembly:** Hardened stainless steel for extended life. Valves are spring-loaded for positive closing with a common seat used for both suction and discharge valves.
4. **Suction Manifold:** Hard, anodized aluminum. Also available in stainless for salt water applications.
5. **Plungers:** Collet style, made of stainless steel with colmony coating.
6. **Plunger Packing:** Multi-element chevron style, spring loaded, self-adjusting and easily replaceable from the rear of the stuffing box. Force-fed water provides lubrication and cooling. Other systems available.
7. **Stuffing Box:** Machined from precipitation hardened stainless steel.
8. **Pressure Relief:** Standard equipment includes a relief valve and a pressure safety head assembly (rupture disc), mounted to the discharge manifold.

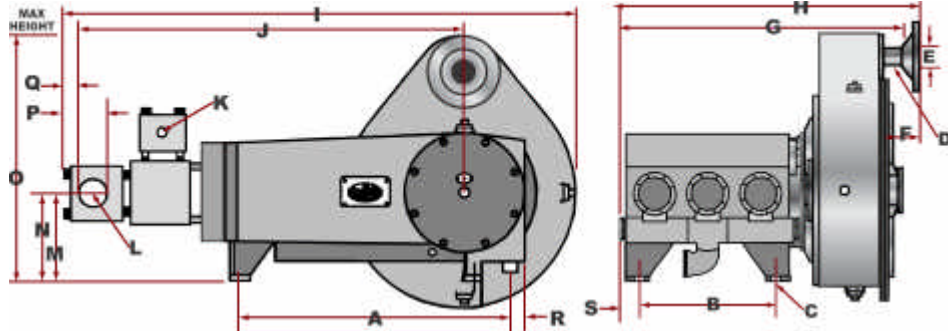
Power End

9. **Power Frame:** Manufactured from a single piece casting of high strength gray cast iron.
10. **Crankshaft:** Single extended forged alloy steel with tapered roller bearings to minimize side thrust load. Four sets of main bearings.
11. **Connecting Rods:** Ductile iron with automotive type split insert bearings.
12. **Crossheads:** Large, piston type constructed of gray iron.
13. **Diaphragm Seals:** Installed with o-rings or gaskets and neoprene oil seals.

Reduction Gear: Constructed of top quality AGMA steel. Hardened for strength and durability. Ratios available - 4.68:1.

Forced Oil Lubrication System: Unique pump feature that allows oil to be forced through a rifle-drilled crankshaft lubricating each journal, connecting rod bearings, wrist pin bearing and gear reducer bearing.

Dimensions TG-600S



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
in.	76	29	16 ³ / ₈	31 ⁵ / ₈	2 ¹ / ₂	39 ¹ / ₂	23 ¹ / ₈	13	53	34 ¹ / ₂	53 ⁷ / ₈	3 ³ / ₈	9	3
mm	1930.4	736.6	415.9	803.28	63.5	1003.3	587.38	330.2	1346.2	876.3	1368.4	85.7	228.6	76.2

Gardner Denver Water Jetting Systems reserves the right to change specifications without notice.

GARDNER DENVER WATER JETTING SYSTEMS, INC.

12300 North Houston-Rosslyn Road
Houston, TX 77086 USA

Your local distributor/representative is:



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