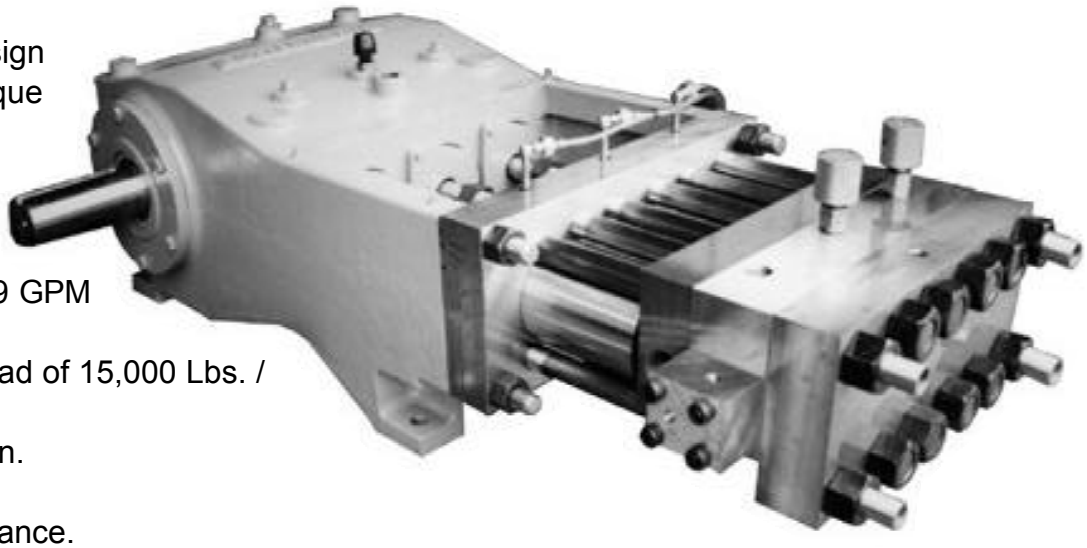
Partek

TF-375UH

Pressures to 36,000 PSI
Flows to 15.5 GPM • Power to 200 HP

Features



- Inline fluid end design with integrated torque plate.
- Pressure range of 15,000 PSI to 36,000 PSI.
- Flow rates from 6.9 GPM to 15.5 GPM.
- Maximum frame load of 15,000 Lbs. / 6810 Kg.
- Field proven design.
- Extremely reliable.
- Easy field maintenance.
- Available in all stainless steel fluid end construction.
- Autofrettaged fluid cylinders and valve assemblies.
- Manufactured on state-of-the-art machinery.
- Rigorously subjected to full load testing.

Applications

- Water Blasting
- Concrete Demolition
- Chemical Injection
- Hydrostatic Testing
- Surface Preparation (Paint Removal)
- Nuclear Decontamination

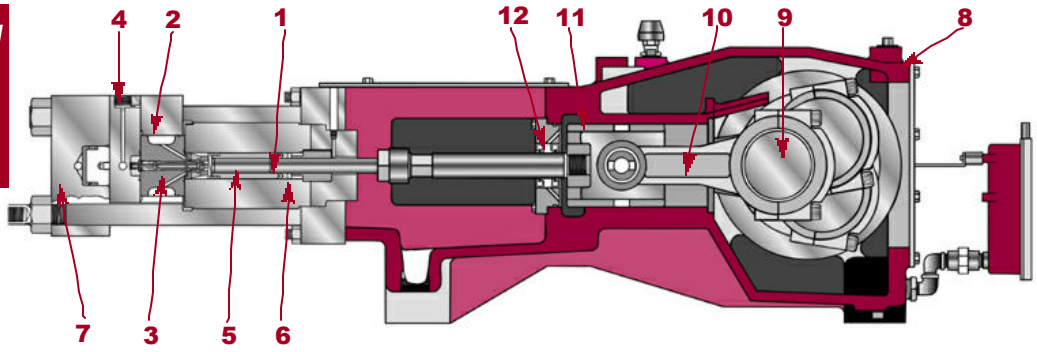
Performance Specifications

		MAX. PRESSURE		FLOW 360 RPM	
	PLUNGER DIA.	PSI	BAR	GPM	LPM
TF-375UH Note: All flows are based on 100% volumetric efficiency.	**0.71" - 18mm**	36K	2482	6.9	26
	0.79" - 20mm	30K	2068	8.5	32
	0.94" - 24mm	20K	1379	12.2	46
	1.06" - 27mm	15K	1034	15.5	59

Stroke: 3.75" / 95 mm • **Max. Speed:** 360 RPM @ Pressures up to 36,000 PSI
Weight: 1,750 Lbs. / 794 Kg

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

TF-375UH PUMP



Fluid End

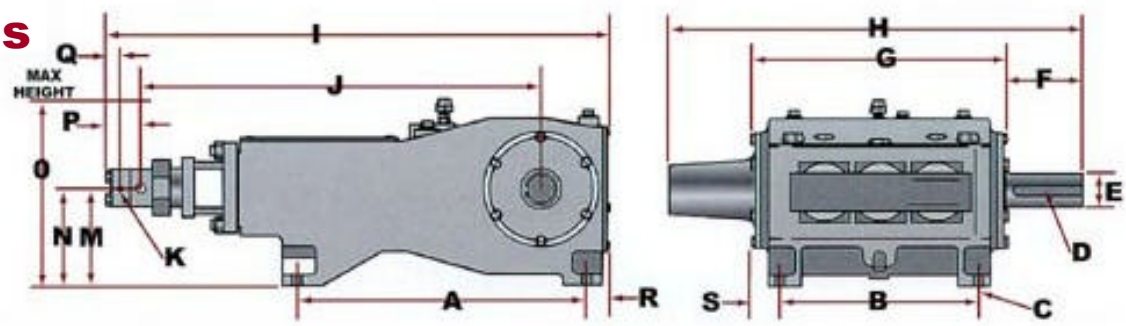
1. **Fluid Cylinder Body:** Three cylinders machined from hardened stainless steel and autofrettaged for extended life.
2. **Suction Manifold:** Stainless steel.
3. **Valve Assembly:** Hardened stainless steel and autofrettaged for extended life. Valves are spring-loaded for positive closing with a common seat used for both suction and discharge valves.
4. **Torque Plate:** This patented system eliminates the need for high torque on head bolts.
5. **Plungers:** Collet style and made of solid tungsten carbide.
6. **Plunger Packing:** Carbon filled Teflon™ and polyethylene base, spring loaded, and self-adjusting. Force-fed water provides lubrication and cooling.
7. **Discharge Manifold:** Manufactured from precipitation hardened stainless steel.

Power End

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

Bearings and crossheads are oil lubricated with a combined splash gravity system that insures adequate circulation at speeds as low as 200 RPM.

Dimensions TF-375UH



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
in.	30 1/4	20 1/2	1 1/16	7/8	3 1/2	7 3/4	26 1/2	42 3/4	54	47 7/8	1"MP	1"NPT	10	10	19 1/4	4 3/4	2	2 1/4	3
mm	768	521	27	22	89	197	673	1086	1372	1140			254	254	489	121	51	57	76

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

GARDNER DENVER WATER JETTING SYSTEMS, INC.
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Houston, TX 77086 USA

Your local distributor/representative is: