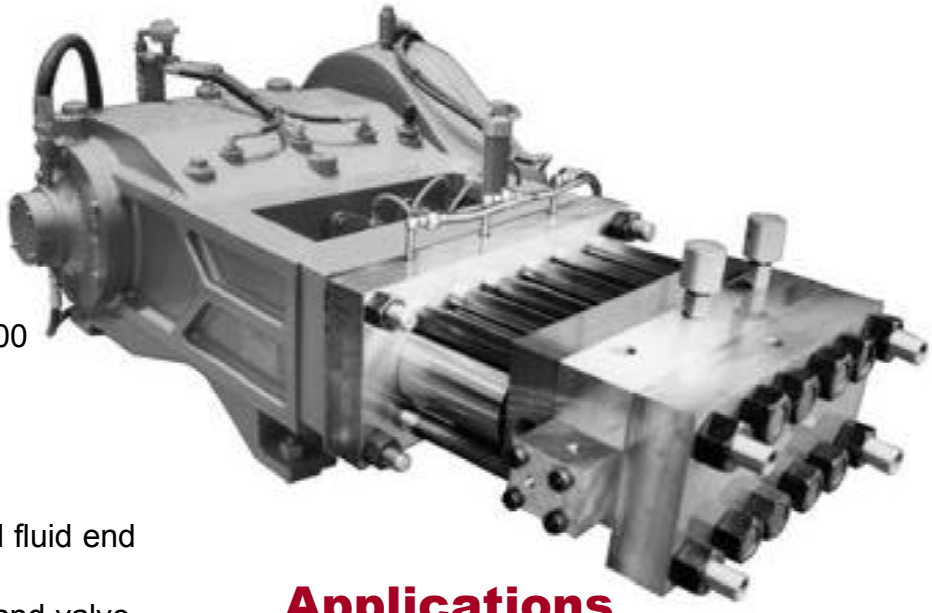
Partek

TX-375UH

Pressures to 36,000 PSI
Flows to 15.5 GPM • Power to 300 Hp

Features

- Inline fluid end design with integrated torque plate.
- Pressure range of 30,000 PSI to 36,000 PSI.
- Flow rates from 6.94 GPM to 15.55 GPM.
- Maximum frame load of 30,000 Lbs. / 13,608 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
- Runway Cleaning
- Hydrostatic Testing
- Surface Preparation (Paint Removal)
- Nuclear Decontamination

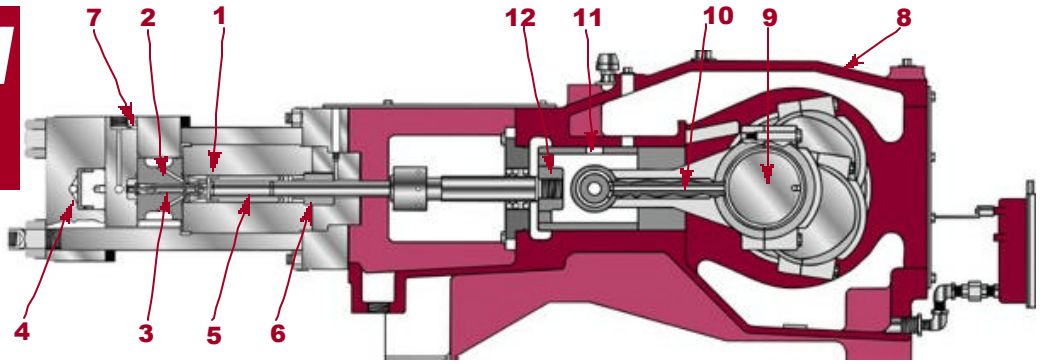
Performance Specifications

		MAX. PRESSURE		FLOW 360 RPM	
	PLUNGER DIA.	PSI	BAR	GPM	LPM
TX-375UH Note: All flows are based on 100% volumetric efficiency.	**0.710" - 18mm**	36K	2482	6.94	26.27
	0.790" - 20mm	36K	2482	8.59	32.51
	0.945" - 24mm	36K	2482	12.29	46.52
	1.063" - 27mm	30K	2069	15.55	58.86

Stroke: 3.75" / 95 mm • **Max. Speed:** 360 RPM @ Pressures up to 36,000 PSI
Weight: 4,658 Lbs. / 2115 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

TX-375UH PUMP



Fluid End

1. **Fluid Cylinder Body:** Three cylinders machined from hardened stainless steel and autofrettaged for extended life.
2. **Suction Manifold:** Aluminum.
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. **Discharge Manifold:** Manufactured from precipitation hardened stainless steel.
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. **Pressure Relief:** Pressure safety head assembly (two rupture discs), mounted to the discharge manifold.

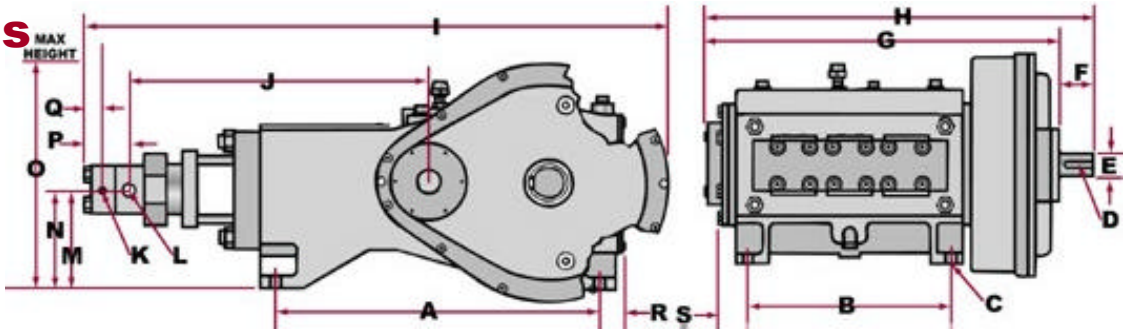
Power End

8. **Power Frame:** Manufactured from a single piece casting of high strength gray cast iron.
9. **Crankshaft:** Single extended 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.

Reduction Gear: *Constructed of top quality AGMA class 12 steel. Hardened and ground bull and pinion gears for strength and durability. Ratios available - 3.542:1, 4.143:1, 4.737:1.*

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

Dimensions TX-375UH



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
in.	36 1/4	24	1 3/16	3/4	2 7/8	4	44 5/8	52 1/8	63 3/8	36 1/2	1MP	2NPT	12 3/4	12 3/4	31 1/8	6 1/4	2 3/4	3 3/8	2 1/4
mm	921	610	33	19	73	102	1133	1324	1610	927			324	324	791	159	70	86	57

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: