

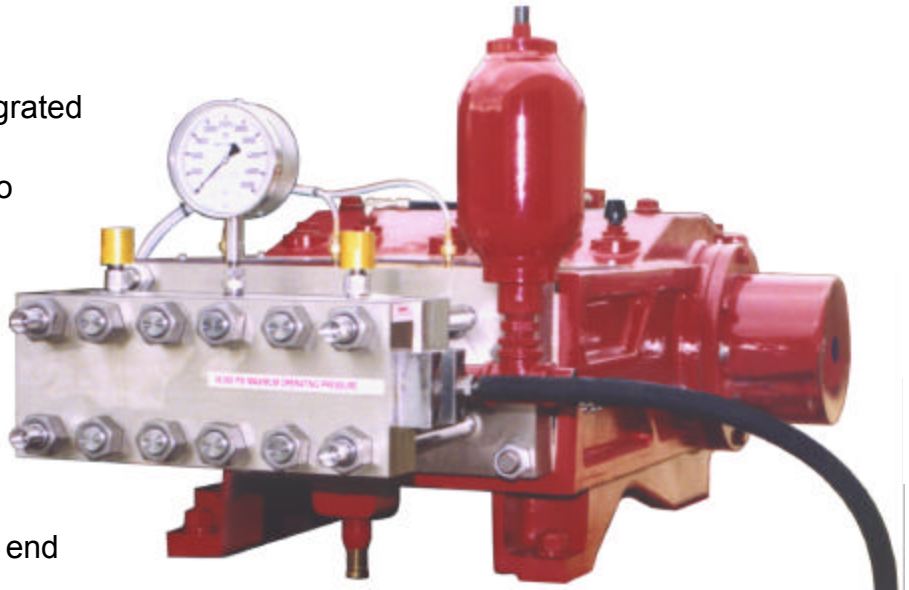


TX-375UH

Pressures to 40,000 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 40,000 PSI.
- ♦ Flow rates from 6.8 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 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

TX-375UH	MAX. PRESSURE			FLOW	
	PLUNGER DIA.	PSI	Bar	360 RPM	
				GPM	LPM
0.945" - 24mm	40K	2758	12.29	46.52	
1.063" - 27mm	30K	2069	15.55	58.86	

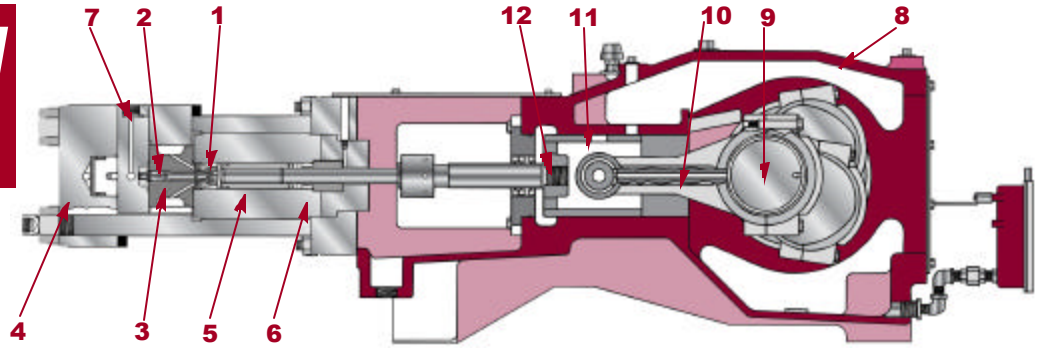
Note: All flows are based on 100% volumetric efficiency.

Stroke: **3.75" / 95 mm** • Max. Speed: **360 RPM @ Pressures up to 40,000 PSI**
Weight: **4,658 Lbs. / 2115 Kg**



GARDNER DENVER WATER JETTING SYSTEMS, INC.
Partek · Liqua-Blaster · CRS Power Flow · Jetting Systems · American Water Blaster

TX-375UH PUMP



Fluid End

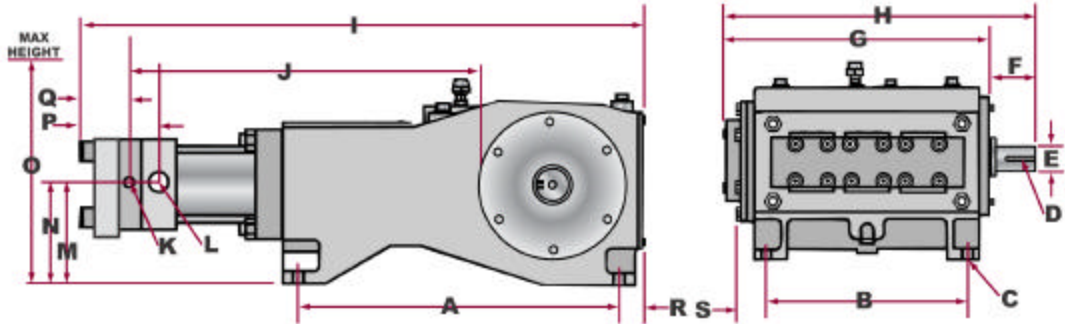
1. **Fluid Cylinder Body:** Three cylinders machined from hardened stainless steel and autofrettaged for extended life.
2. **Suction Manifold:** Aluminum.
3. **Valve Assembly:** Hardened stainless steel and autofrettaged for extended life. Valves are spring-loaded for positive closing with a common seat 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.

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 ¹ / 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.

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