

TY-375UH



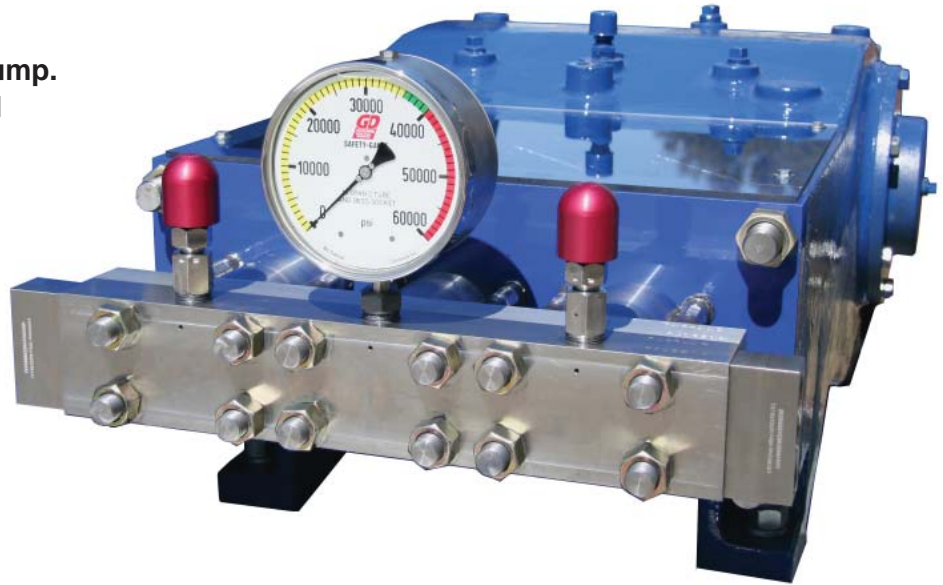
GARDNER DENVER
WATER JETTING
SYSTEMS, INC.

Pressures to 40,000 PSI
Flows to 12.2 GPM ♦ Power to 300 HP

Ultra-High Pressure Made Easy!

Features:

- ♦ Packing change from well of pump. Does not require unbolting and retorquing of fluid cylinders.
- ♦ Inline fluid end design.
- ♦ Pressures range to 40,000 PSI.
- ♦ Flow rates to 12.2 GPM.
- ♦ Maximum frame load of 19,500 Lbs. / 8845 Kg.
- ♦ Available in all stainless steel fluid end construction.
- ♦ Stainless steel fluid cylinders and valve assemblies.
- ♦ Field proven design.
- ♦ Extremely reliable.
- ♦ Easy field maintenance.
- ♦ Rigorously subjected to full load testing.
- ♦ Manufactured on state-of-the-art machinery.



Applications:

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

Performance Specifications:

TY-375UH	PLUNGER DIA.	PSI	Bar	MAX. PRESSURE		FLOW	
				515 RPM	515 RPM	GPM	LPM
	0.94" - 20mm	40K	2758			12.2	46.2

Note: All flows are based on 100% volumetric efficiency.
All flows realized will vary dependent upon several factors, such as but not limited to: pump speed, pump pressure, plunger size and pumped fluid.
"Typical" actual flow rates will be approximately 95% of values shown above.

Stroke: 3.75" / 95 mm • Max. Speed: 515 RPM @ Pressures up to 40,000 PSI
Weight: 1,750 lbs. / 794 Kg

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Partek • Liqua-Blaster • CRS Power Flow • Jetting Systems • American Water Blaster

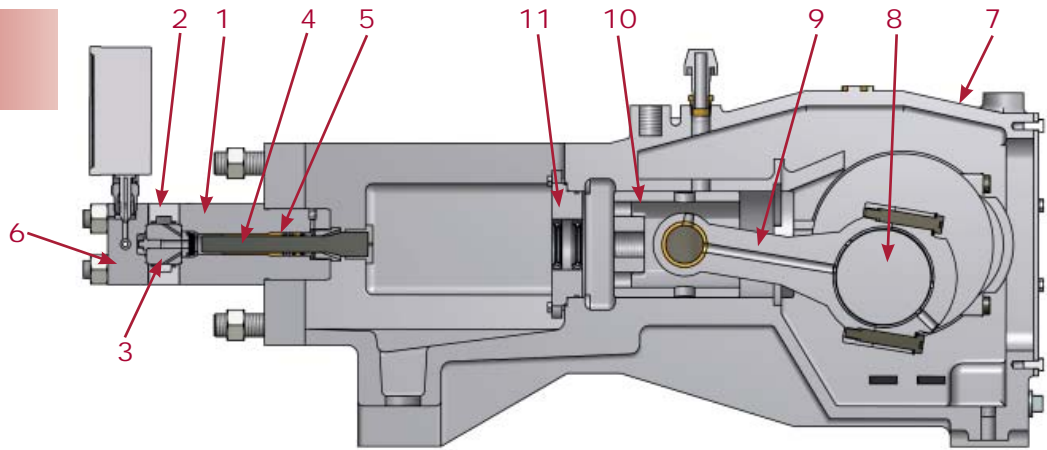
1-800-231-3628 ♦ 281-448-5800 ♦ Fax: 281-448-7500

www.waterjetting.com ♦ E-mail: mktg.wjs@gardnerdenver.com



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Fluid End

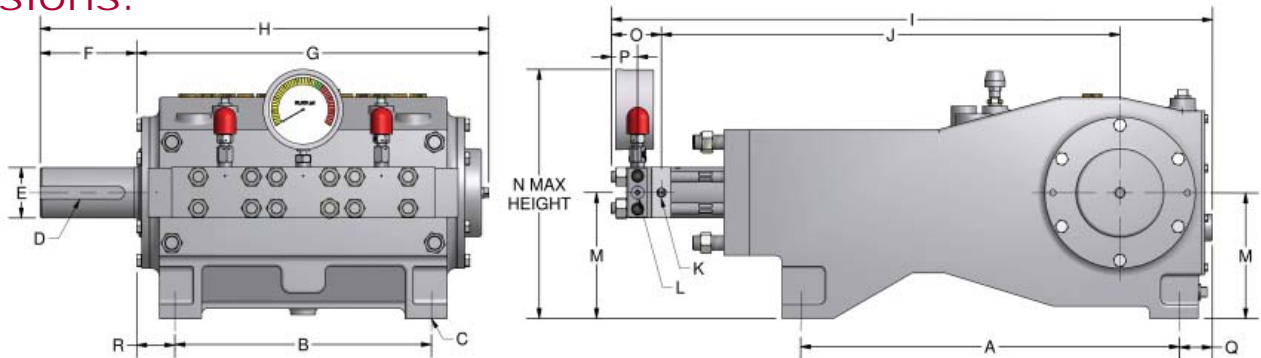
1. Fluid Cylinder Body: Three cylinders machined from hardened stainless steel.
2. Suction Manifold: Stainless steel or anodized aluminum.
3. Valve Assembly: Hardened stainless steel. Valves are spring-loaded for positive closing with a common seat used for both suction and discharge valves.
4. Plungers: Made of solid tungsten carbide.
5. Plunger Packing: Carbon filled Teflon™ and polyethylene base, spring loaded, and self-adjusting. Force-fed water provides lubrication and cooling.
6. Discharge Manifold: Manufactured from precipitation hardened stainless steel.

Power End

7. Power Frame: Manufactured from a single piece casting of high strength gray cast iron.
8. Crankshaft: Single extended forged alloy steel with tapered roller bearings to minimize side thrust load.
9. Connecting Rods: Ductile iron with automotive type split insert bearings.
10. Crossheads: Large, piston type constructed of gray iron.
11. 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:



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
In.	30 ¹ / ₄	20 ¹ / ₂	1 ¹ / ₁₆	1" KWY	4	7 ¹¹ / ₁₆	28 ¹ / ₈	35 ¹³ / ₁₆	48	36 ⁵ / ₈	1 ¹ / ₂ " NPT	9 ¹ / ₁₆ " MP	10	19 ³ / ₄	4	2 ¹ / ₈	2 ⁵ / ₈	3 ¹ / ₁₆
mm	768	521	27	25	102	196	715	910	1219	931			254	502	102	54	67	78

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



www.candbsales.com
119 Nolan Road, Broussard, Louisiana 70518
(337) 837-2701 fax: (337) 837-3250 sales@candbsales.com



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