

# WATERJETTING UNIT

## TY-375UH

RELIABLE ULTRA HIGH PRESSURE  
AT AN AFFORDABLE PRICE



### STANDARD FEATURES

- All Stainless Steel.
- Maximum pressure of 40,000 PSI.
- Flow rates of 12.2 GPM.
- Maximum frame load of 19,500 Lbs. / 8,845 Kg.
- Field proven design.
- Power to 330 HP
- Extremely reliable
- Easy to maintain
- Rigorously subjected to full load testing
- Manufactured on state-of-the-art machinery

### SPECIFICATIONS

Weight	1,750 lbs / 794 Kg
Maximum RPM	515 RPM
Stroke Length	3.75 in / 95 mm

### APPLICATIONS

- Surface Preparation
- Hydrostatic Testing
- Marine Ship Cleaning
- Water Blasting
- Chemical Injection

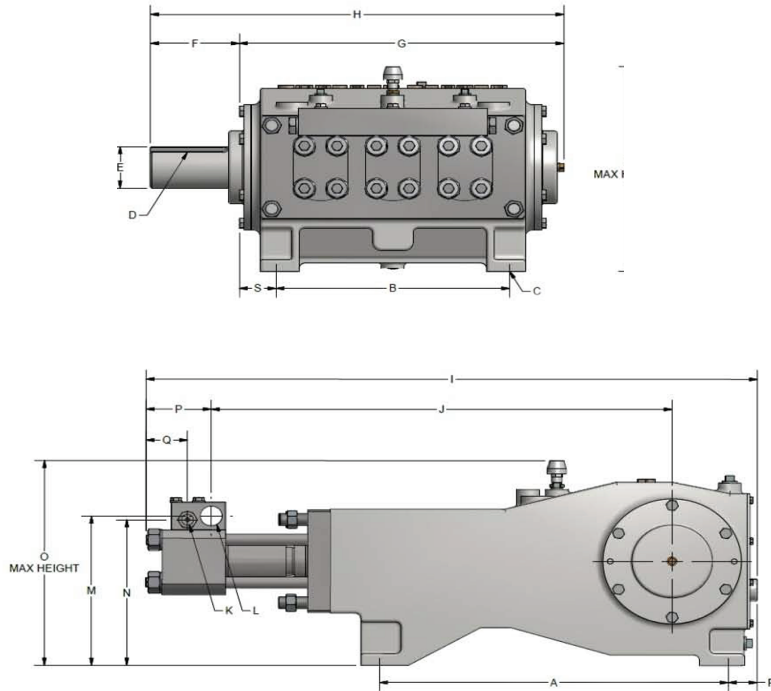


	PLUNGER DIAMETER		MAX PRESSURE		FLOW 500 RPM	
	in.	mm.	PSI	bar	GPM	LPM
<b>TY-375UH</b> <small>Note: Flows rate are based on 100% volumetric efficiency.</small>	.787"	20	40,000	2,758	12.2	46.2

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## SPECIFICATIONS



## FLUID END

- 1. Fluid Cylinder Body:** Three cylinders machined from heat treated Stainless Steel.
- 2. Suction/ Discharge Manifold:** Common heat treated Stainless Steel.
- 3. Valve Assembly:** Heat treated Stainless Steel design is fully re-buildable.

- 4. Plungers:** Manufactured with state-of-the-art materials, for added life.
- 5. Plunger cooling system:** Water cooled and simple to operate.

## POWER END

- 9. Power Frame:** Manufactured from a single piece casting of high strength gray cast iron.
- 10. Crankshaft:** Single extended billet alloy steel with heavy duty tapered roller bearings to minimize side thrust load.

- 11. Connecting Rods Assemblies:** Ductile iron with automotive type split insert bearings.
- 12. Crossheads:** Large, piston type made from grey cast iron.
- 13. Diaphragm Seals:** Installed with o-rings and neoprene oil seals.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
in.	30¼	20¼	1.06	1	4	7.69	28.13	36	53	40	9/16	1-½	14	14.30	19.69	3.63	3.56	2½	3.19
mm.	768	514	27	25	102	195	714	914	1346	1016	HP	NPT	356	363	500	143	90	64	81