

Wheatley, T600-5 (622T-8L), Triplex, Plunger Pump

Pumps in this series

T600-3 (622T-8MS)

T600-4 (622T-8M)

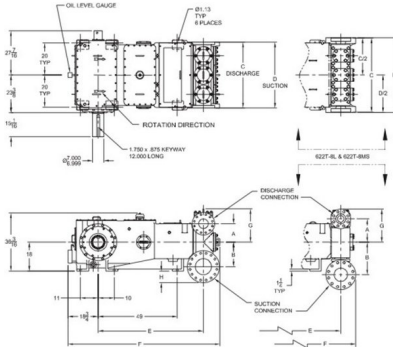
T600-5 (622T-8L)

T600-7 (622T-8XL)

- 622 horsepower 8" stroke horizontal triplex single acting plunger pump
- Available in three fluid end materials
- Pump speeds up to 260 RPM
- Two accessory gear reduction unit ratios

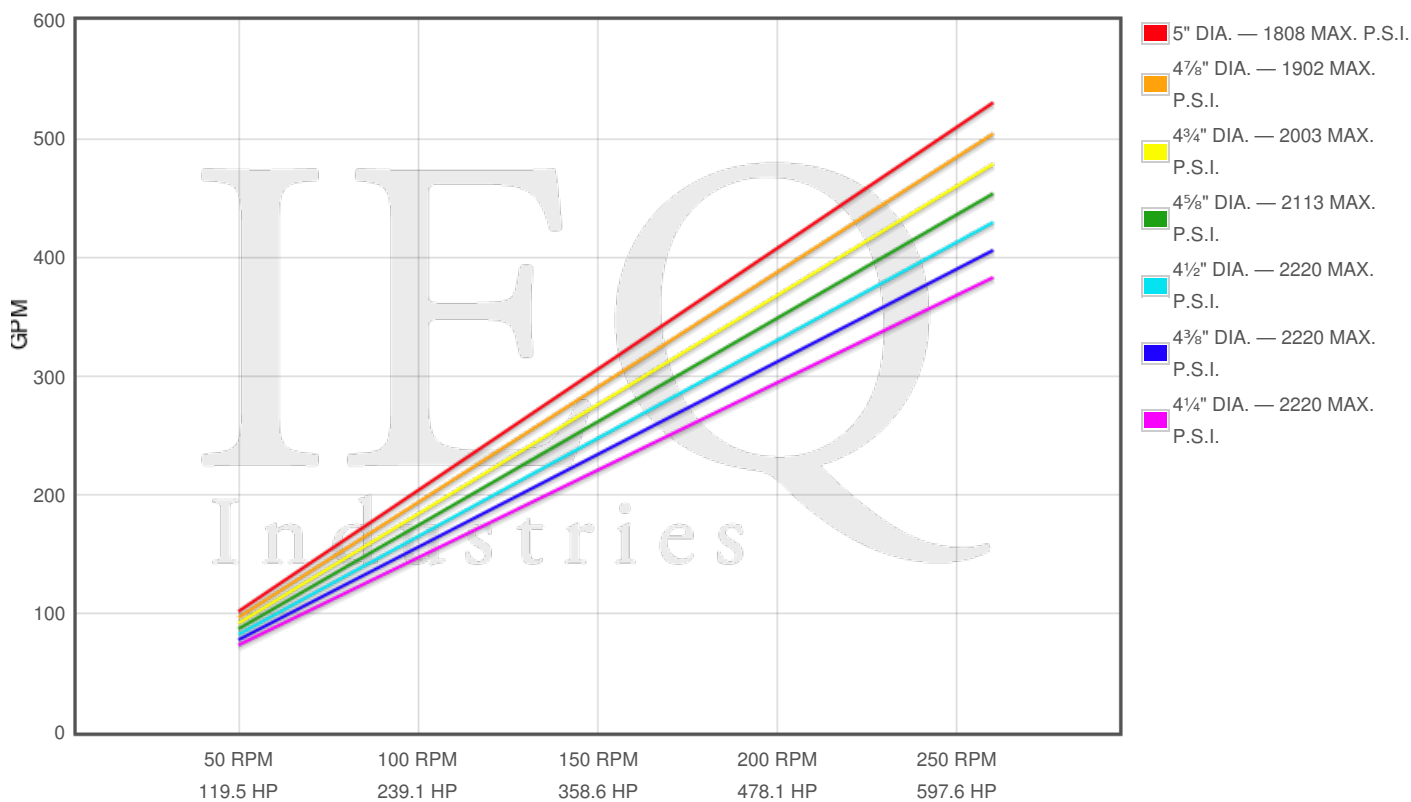
Specs

Spec	U.S. Standard
Type:	triplex
Minimum Plunger Diameter:	4¼"
Maximum Plunger Diameter:	5"
Stroke length:	8"
Maximum Working Pressure:	2,220 PSI
Rod/Piston Load:	35500lb
Gallons per Minute:	530.4
Barrels per Day:	18185
Brake Horse Power:	622.0



Pump Curves

Hover over Power Curves to reveal RPM and GPM



Performance Data Table

Pump	English Units					50 RPM		150 RPM		250 RPM		260 RPM	
	Plunger Dia. In.	Plunger Area Sq. In.	BPD per RPM	GPM per RPM	Max Press. PSI	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM
T600-5 622T-8L	5.000	19.6350	69.943	2.0400	1808	3497	102	10491	306	17486	510	18185	530
	4.875	18.6655	66.489	1.9393	1902	3325	97	9973	291	16622	485	17287	504
	4.750	17.7205	63.123	1.8411	2003	3156	92	9469	276	15781	460	16412	479
	4.625	16.8002	59.845	1.7455	2113	2992	87	8977	262	14961	436	15560	454
	4.500	15.9043	56.654	1.6524	2220	2833	83	8498	248	14163	413	14730	430
	4.375	15.0330	53.550	1.5619	2220	2678	78	8033	234	13387	390	13923	406
	4.250	14.1863	50.534	1.4739	2220	2527	74	7580	221	12633	368	13139	383

Features/Benefits

Power End Features

- Cast iron power frame
- Forged Steel Crankshaft
- Heavy-duty, tapered roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Ductile iron connecting rods
- Alloy steel crosshead pins
- Bronze bearing crosshead pin bushings
- Cast iron crossheads with upper/lower oil grooves
- Stainless Steel Extension Rods
- Pressure lubricated power end
- Rated rod load is 35500 lbs.

Fluid End Features

- Bolted Type Valve Covers
- Removable Stuffing Boxes & Glands
- Plungers - Solid Ceramic, or Tungsten Coated
- General service plunger packing

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