

## Wheatley, T600-7 (622T-8XL), Triplex, Plunger Pump

## Pumps in this series

T600-3 (622T-8MS)

T600-4 (622T-8M)

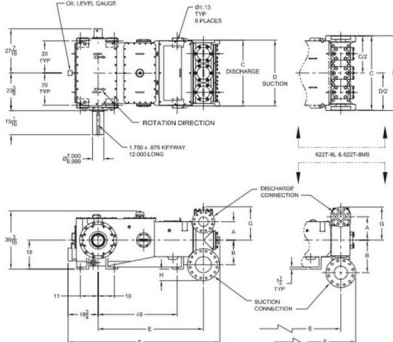
T600-5 (622T-8L)

### 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

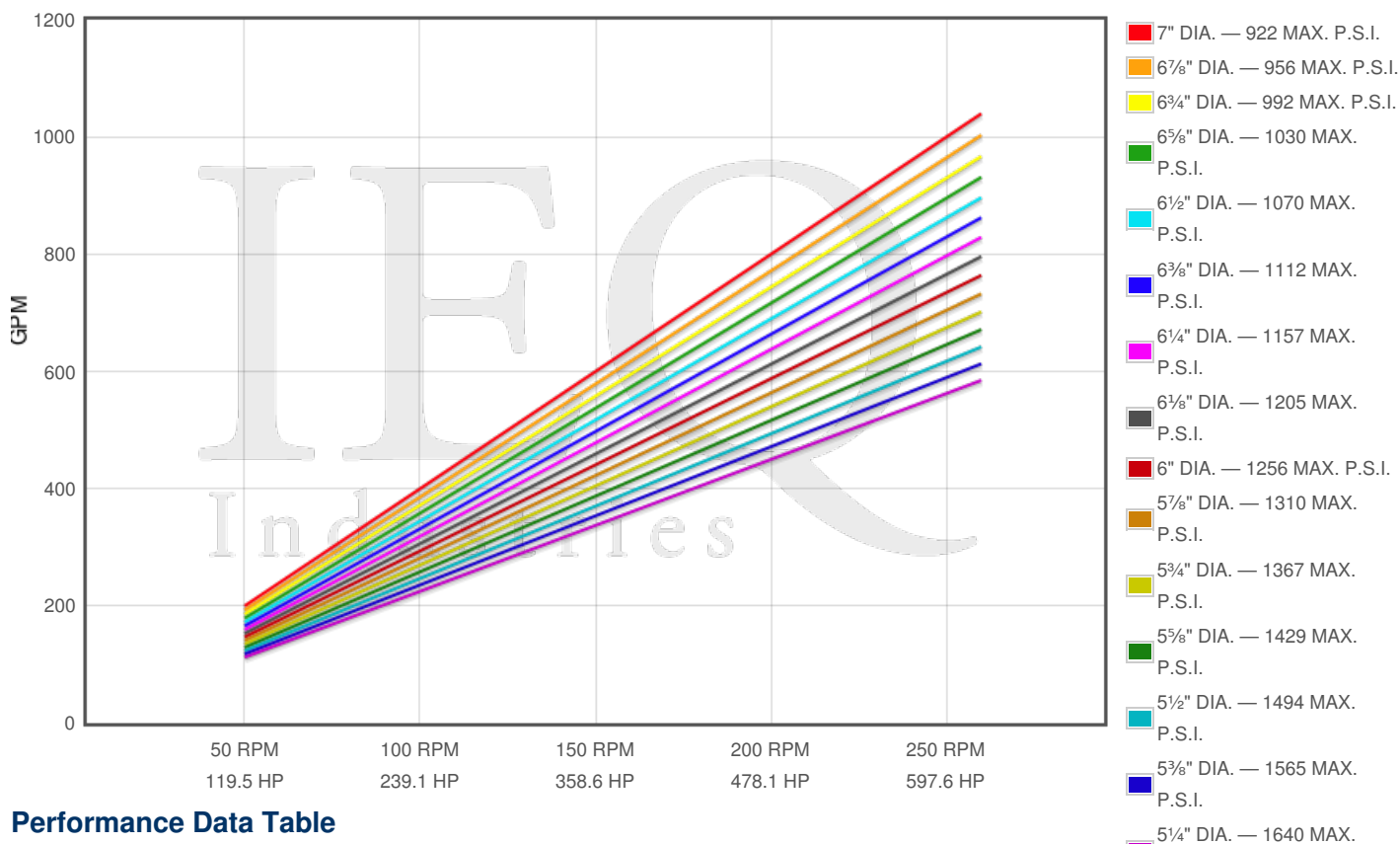
## Specs

Spec	U.S. Standard
Type:	triplex
Minimum Plunger Diameter:	5¼"
Maximum Plunger Diameter:	7"
Stroke length:	8"
Maximum Working Pressure:	1,640 PSI
Rod/Piston Load:	35500lb
Gallons per Minute:	1039.6
Barrels per Day:	35643
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
T600-7 622T-8XL	7.000	38.4845	137.088	3.9984	922	6854	200	20563	600	34272	1000	35643	1040
	6.750	35.7847	127.471	3.7179	992	6374	186	19121	558	31868	929	33142	967
	6.500	33.1831	118.203	3.4476	1070	5910	172	17730	517	29551	862	30733	896
	6.250	30.6796	109.285	3.1875	1157	5464	159	16393	478	27321	797	28414	829
	6.000	28.2743	100.717	2.9376	1256	5036	147	15108	441	25179	734	26187	764
	5.750	25.9672	92.499	2.6979	1367	4625	135	13875	405	23125	674	24050	701
	5.500	23.7583	84.631	2.4684	1494	4232	123	12695	370	21158	617	22004	642
	5.250	21.6475	77.112	2.2491	1640	3856	112	11567	337	19278	562	20049	585

## 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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