

Wheatley, T600-3 (622T-8MS), Triplex, Plunger Pump

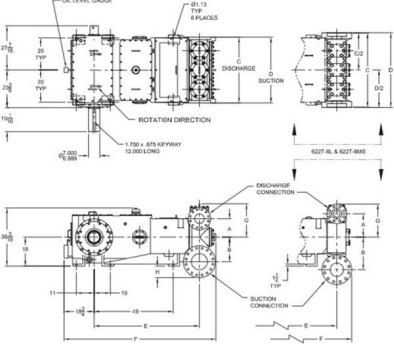
Pumps in this series

- 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

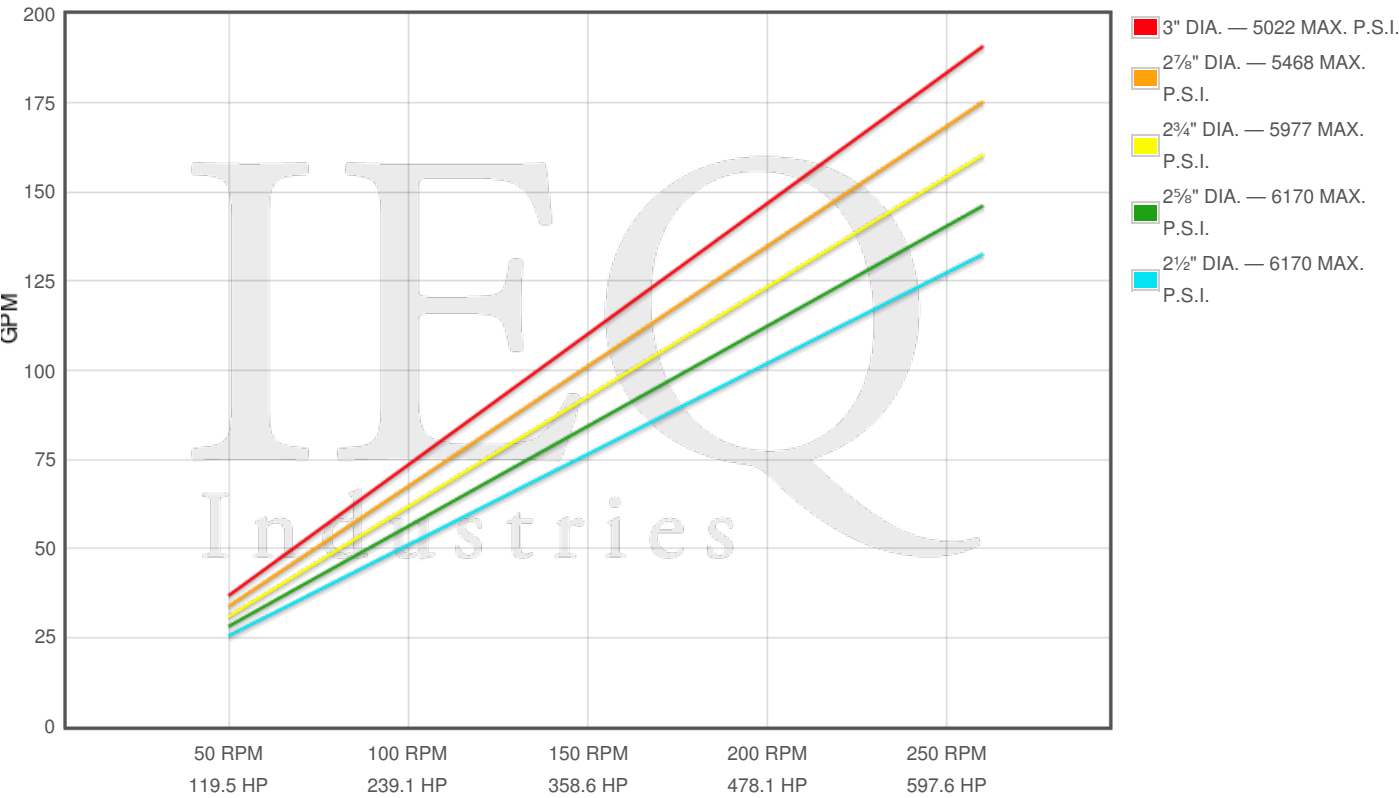
Specs

Spec	U.S. Standard
Type:	triplex
Minimum Plunger Diameter:	2½"
Maximum Plunger Diameter:	3"
Stroke length:	8"
Maximum Working Pressure:	6,170 PSI
Rod/Piston Load:	35500lb
Gallons per Minute:	190.9
Barrels per Day:	6545
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
T600-3 622T-8MS	3.000	7.0686	25.179	0.7344	5022	1259	37	3777	110	6295	184	6547	191
	2.875	6.4918	23.125	0.6745	5468	1156	34	3469	101	5781	169	6012	175
	2.750	5.9396	21.158	0.6171	5977	1058	31	3174	93	5289	154	5501	160
	2.625	5.4119	19.278	0.5623	6170	964	28	2892	84	4820	141	5012	146
	2.500	4.9087	17.486	0.5100	6170	874	25	2623	76	4371	127	4546	133

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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