

TRASH PUMPS Advantages

- ✦ Patented volute insert easily shimmed or replaced in field.
- ✦ Compact design with high strength, lightweight aluminum housing.
- ✦ Hardened ductile iron impeller and volute.
- ✦ Radial flow design produces high volume and head.
- ✦ High quality carbon ceramic mechanical seal.
- ✦ Large diameter fill and drain plugs.
- ✦ Easy access housing.
- ✦ Integrated lifting eye.
- ✦ Gas or diesel engine options.



PT 2

Application

Self-priming high performance pumps, designed to handle water and solids up to 1 inch. Built for the demands of construction, mining, municipality, farm and marine applications.

Specifications

Technical Data		PT 2	PT 2A	PT 2H
Suction & discharge diameter	in	2	2	2
Length x width x height	in	21.7 x 18.3 x 19.6	21.7 x 18.3 x 19.6	23.2 x 19.4 x 20
Operating weight	lb	96	96	131
Shipping weight	lb	109	109	144
Shipping size (l x w x h)	in	22.3 x 18.9 x 21.2	22.3 x 18.9 x 21.2	23.7 x 20.1 x 21.6
Max. head	ft	106	106	106
Max. discharge	gpm	210	210	210
Max. suction lift	ft	25	25	25
Solid size capacity	in	1	1	1
Engine type		air-cooled, 4-cycle, single cylinder		
		Wacker WM 170 gasoline engine	Honda gasoline engine	Hatz diesel engine
Displacement	in ³	10.3	9.9	14.2
Power	hp	6	5.5	4.6
Operating speed	rpm	3500	3500	3500
Max. fuel consumption	qt/hr	1.6	1.9	1.2
Fuel capacity	qt	3.8	3.8	3.2

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- ✦ Easy access housing.
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- ✦ Gas or diesel engine options.



PT 3

Application

Self-priming high performance pumps, designed to handle water and solids up to 1.5 inches. Built for the demands of construction, mining, municipality, farm and marine applications.

Specifications

Technical Data		PT 3	PT 3A	PT 3H
Suction & discharge diameter	in	3	3	3
Length x width x height	in	26 x 20 x 23	26 x 20 x 23	26 x 20 x 23
Operating weight	lb	132	141	161
Shipping weight	lb	149	158	177
Shipping size (l x w x h)	in	27 x 21 x 24	27 x 21 x 24	27 x 21 x 24
Max. head	ft	96	96	96
Max. discharge	gpm	400	400	400
Max. suction lift	ft	25	25	25
Solid size capacity	in	1.5	1.5	1.5
Engine type		air-cooled, 4-cycle, single cylinder		
		Wacker WM 170 gasoline engine	Honda gasoline engine	Hatz diesel engine
Displacement	in ³	16.2	14.8	21.1
Power	hp	9	8	6.8
Operating speed	rpm	3500	3500	3500
Max. fuel consumption	qt/h	2.6	2.8	1.8
Fuel capacity	qt	6.4	6.4	5.3

TRASH PUMPS Advantages

- ✦ Patented volute insert easily shimmed or replaced in field.
- ✦ Hardened ductile iron impeller resists wear.
- ✦ Thread-on mixed flow impeller design produces higher volume and head.
- ✦ Mechanical seal runs in oil bath to reduce maintenance and protect seal.
- ✦ Large diameter fill and drain plugs.
- ✦ Heavy-duty frame with central lifting point and pneumatic tires.
- ✦ Easy access housing.
- ✦ High strength lightweight aluminum housing.
- ✦ Electric start, long run fuel capacity and powerful V-twin engine.



PTS 4V

Application

Self-priming high performance pump, designed to handle water and solids up to 2 inches. Built for the demands of construction, mining, municipality, farm and marine applications.

Specifications

Technical Data		PTS 4V
Suction & discharge diameter	in	4
Length x width x height	in	36 x 35 x 35
Operating weight	lb	360
Shipping weight	lb	330
Shipping size (l x w x h)	in	37 x 25 x 34
Max. head	ft	106
Max. discharge	gpm	705
Max. suction lift	ft	25
Solid size capacity	in	2
Engine type		air-cooled, 4-cycle, twin cylinder, gasoline engine Briggs & Stratton Vanguard with electric start
Displacement	in ³	29.3
Power	hp	16
Operating speed	rpm	3600
Fuel consumption	gal/h	1.3
Fuel tank capacity	gal	4.5

TRASH PUMPS Advantages

- ✦ Cast ductile iron pump housing, impeller, wear plate and volute.
- ✦ Stainless steel internal pump hardware.
- ✦ Mixed flow impeller design.
- ✦ Oil-lubricated silicone carbide seal.
- ✦ Discharge elbow rotates 360 degrees to accommodate various discharge angles.
- ✦ Large diameter fill and drain ports.
- ✦ Easy access housing allows a fast inspection and cleanout without tools.
- ✦ Diesel engine with variable speed throttle control.
- ✦ Automatic engine shutdown to protect engine from damage due to low oil pressure or high cylinder temperature.
- ✦ Pintle, 2" or 2-5/16" ball hitch available.



PT 6LT

Application

Self-priming high performance centrifugal trash pump designed to handle water and solids up to 2 inches. Built for the demands of construction, mining, municipality, farm and marine applications.

Specifications

Technical Data		PT 6LT	PT 6LS*
Suction & discharge diameter	in	6	6
Length x width x height	in	106 x 64 x 69	72 x 36 x 50
Operating weight	lb	2400	1870
Shipping weight	lb	2470	1940
Shipping size (l x w x h)	in	102 x 71 x 75	72 x 36 x 54
Max. head	ft	100	100
Max. discharge	gpm	1300	1300
Max. suction lift	ft	25	25
Solid size capacity	in	2	2
Engine type		air-cooled, 4-cycle, 3 cylinder, Lombardini diesel engine	
Displacement	in ³	114	114
Max power @ 3000 rpm	hp	32.5	32.5
Operating speed	rpm	2500 max., 1500 min.	2500 max., 1500 min.
Fuel consumption	gal/h	1.2 @ 2500 rpm .4 @ 1500 rpm	1.2 @ 2500 rpm .4 @ 1500 rpm
Fuel tank capacity	gal	26	26

* PT 6LS skid mounted - special order

WACKER