



## TRASH PUMP SPECIFICATIONS

Stemar rents, sells, and repairs 2", 3", 4", and 6" trash pumps and many of the necessary appurtenances to perform a complete sewer bypass job.

Stemar specializes in sewer bypass equipment and can set up your pump, hose, and plugs fittings to your preferences.

We carry various Camlock, Bauer, Victaulic, IPT/NPT, NST, Industrial Quick-Disconnect, and countless other fittings.

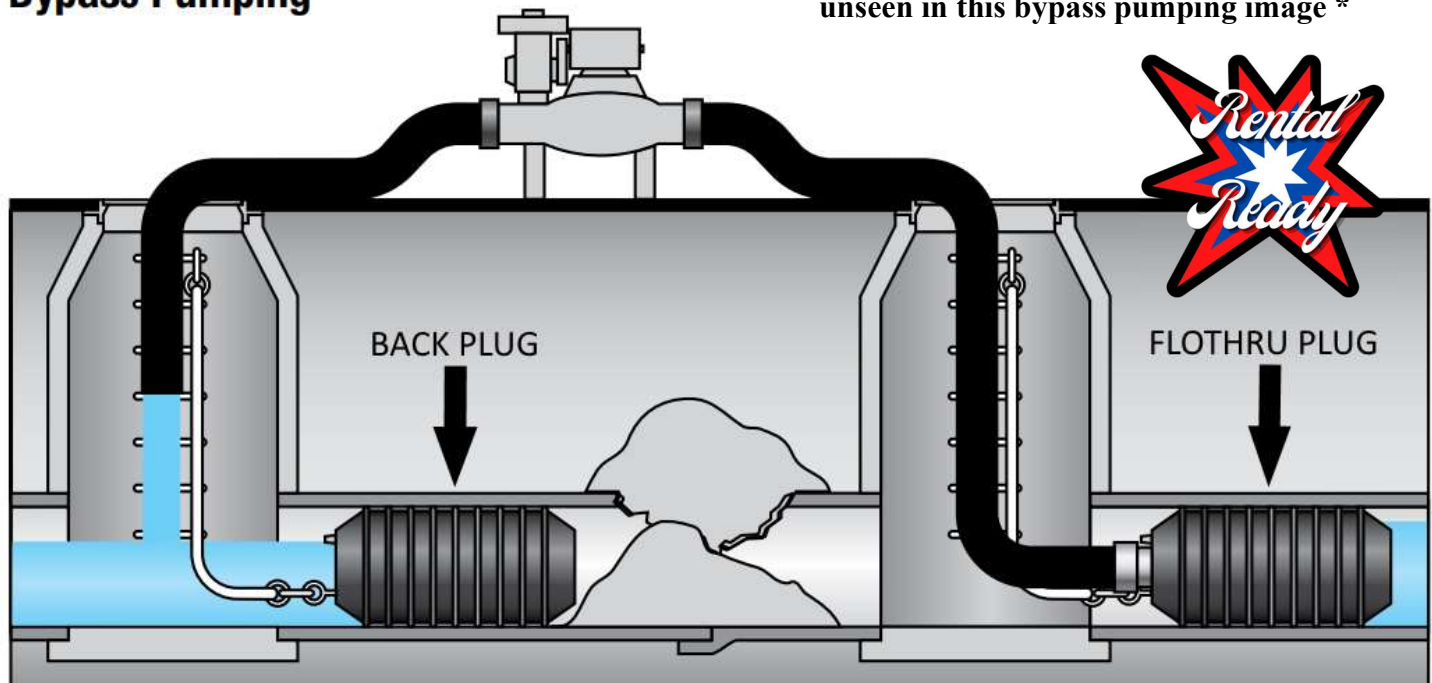


## TRASH PUMPS

Pump Size	Stemar RC#	MFG, Model	Max Head	Max Capacity	Product Weight (empty)	Fuel Capacity	Fuel Consumption	Prime
2"	5510	Multiquip, QP2TH	98'	211 GPM	1.10 LBS	0.83 GAL	0.46 GAL/HR	SELF-PRIME
3"	5511	Multiquip, QP3TH	95'	396 GPM	2.31 LBS	1.40 GAL	0.67 GAL/HR	SELF-PRIME
4"	5512	Wacker Neuson, PTS4V	106'	705 GPM	4.00 LBS	4.50 GAL	1.27 GAL/HR	SELF-PRIME
6"	5513	Godwin, CD150M	160'	1700 GPM	2750 LBS	60 GAL	4.07 GAL/HR	DRI-PRIME

### Bypass Pumping

\* Stemar keeps in stock everything seen and unseen in this bypass pumping image \*



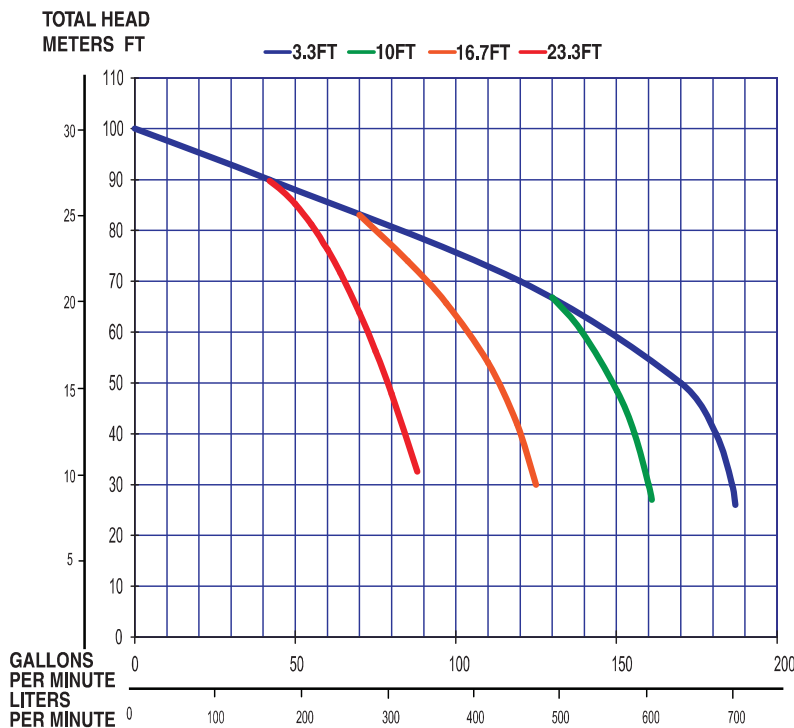


## 2" TRASH PUMPS SPECIFICATIONS



### QP2TH

**2" Suction/Discharge • 211 GPM Flow • 98' Head**  
**Moves up to 1" solids • Honda GX160, 4.8 HP**



**Desirable Manifold Systems** — Multiquip trash pumps provide both left and right discharge ports for operator convenience and flow flexibility.

**Industrial Grade Pump Body** - unique die-cast, lightweight aluminum casings ensure the fastest priming times.

**Specially Engineered Volute** - easily removable, double passage design ensures the fastest priming actions, minimal clogging, and improved flow efficiency.

**Rugged Impeller** — the special balanced, multi-vane open designed impeller made from #45 ductile iron ensures the swift movement of heavy debris and greatly resists abrasion.

**Pro Constructed Mechanical Seal System** - the silicon/carbon and 303 stainless steel assembly meets the rigorous demands of abrasion and high temperature operations.

**Trusted Power** - pumps are driven by selected Honda gasoline engines with an automatic low oil shut-off feature. These engines meet all EPA/CARB environmental requirements. Special shock mounted systems ensure that engine harmonics are dampened to the pump and pump frame.

Model	Suction x Discharge in.	Max Capacity GPM	Max Lift ft.	Max Head ft.	Max Pressure psi.	Max Solids in.	Engine	HP	Operating RPM	Oil Alarm	Fuel Capacity gal.	Fuel Rate gal.	Start Method	Wheel Kit Option	Dimensions inch	Dry Wt lbs.
QP2TH	2 x 2	211	25	98	42.4	1	Honda GX160	4.8	3,600	Std.	0.83	0.46	Recoil	UWKB	27 x 18.5 x 20.5	96

**Note** - The curve data represents the designed performance of the pump models, but does not take into account the many natural physical forces that act upon the pump in supporting the job. Contact Multiquip for detailed guidance and pump calculations for your specific application.

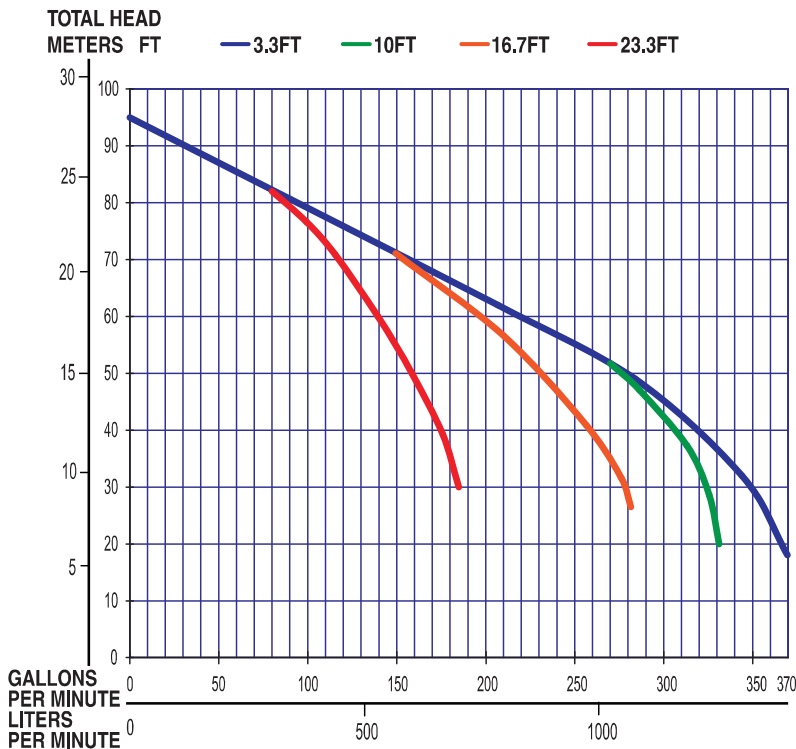


## 3" TRASH PUMPS SPECIFICATIONS



### QP3TH

**3" Suction/Discharge • 396 GPM Flow • 95' Head  
Moves up to 1.5" solids • Honda GX240, 7.9 HP**



**Desirable Manifold Systems** — Multiquip trash pumps provide both left and right discharge ports for operator convenience and flow flexibility.

**Industrial Grade Pump Body** - unique die-cast, lightweight aluminum casings ensure the fastest priming times.

**Specially Engineered Volute** - easily removable, double passage design ensures the fastest priming actions, minimal clogging, and improved flow efficiency.

**Rugged Impeller** — the special balanced, multi-vane open designed impeller made from #45 ductile iron ensures the swift movement of heavy debris and greatly resists abrasion.

**Pro Constructed Mechanical Seal System** - the silicon/carbon and 303 stainless steel assembly meets the rigorous demands of abrasion and high temperature operations.

**Trusted Power** - pumps are driven by selected Honda gasoline engines with an automatic low oil shut-off feature. These engines meet all EPA/CARB environmental requirements. Special shock mounted systems ensure that engine harmonics are dampened to the pump and pump frame.

Model	Suction x Discharge in.	Max Capacity GPM	Max Lift ft.	Max Head ft.	Max Pressure psi.	Max Solids in.	Engine	HP	Operating RPM	Oil Alarm	Fuel Capacity gal.	Fuel Rate gal.	Start Method	Wheel Kit Option	Dimensions inch	Dry Wt lbs.
QP4TH	4 x 4	555	25	90	40	2	Honda GX340	10.7	3,600	Std.	1.6	0.92	Recoil	UWK4	29 x 25 x 28	216

**Note** - The curve data represents the designed performance of the pump models, but does not take into account the many natural physical forces that act upon the pump in supporting the job. Contact Multiquip for detailed guidance and pump calculations for your specific application.



## 4" TRASH PUMPS SPECIFICATIONS



**PTS4V**

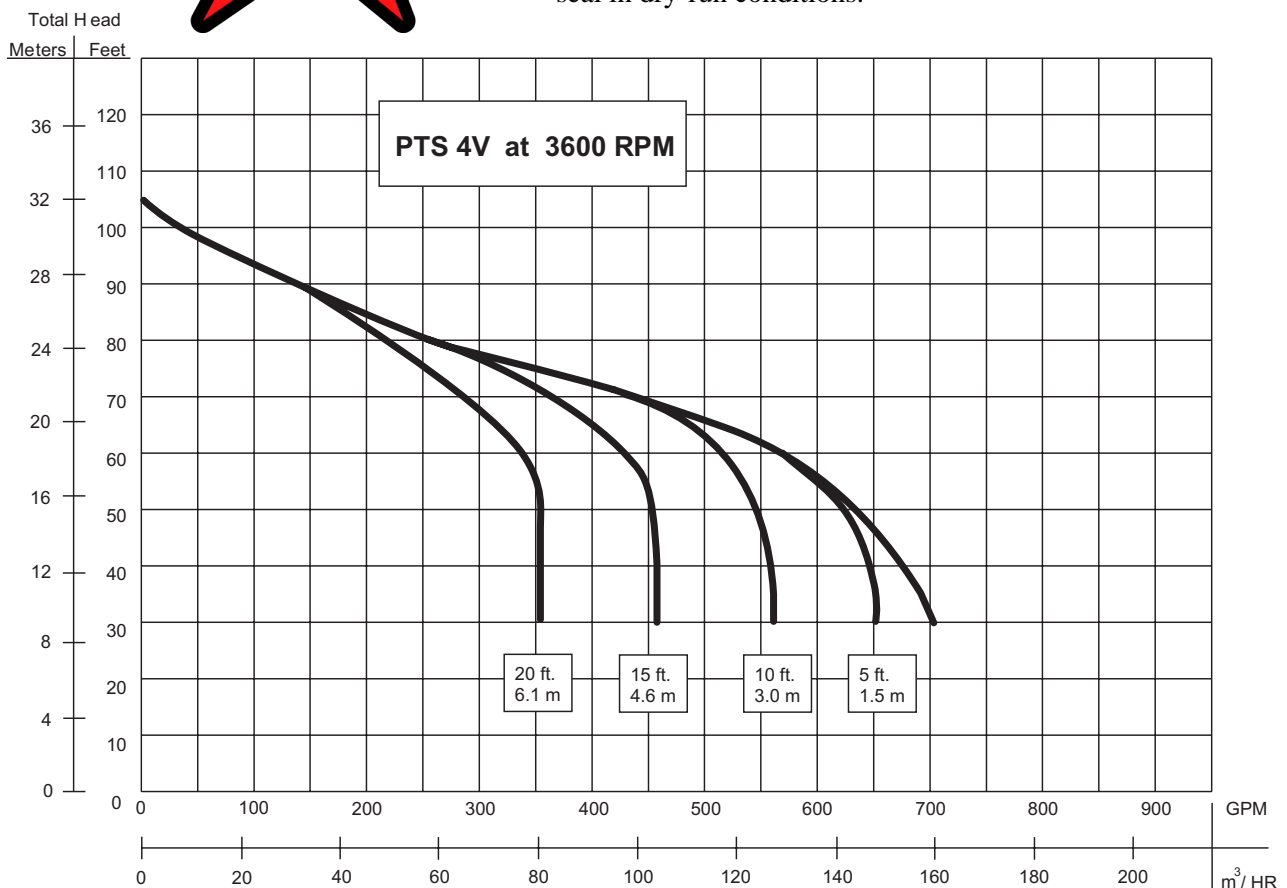


### Heavy duty centrifugal trash pump designed to keep your jobsite dry

Wacker Neuson's self-priming, high performance centrifugal trash pumps have proven themselves on jobsites around the world. Featuring electric start and a thread-on mixed flow impeller design, this trash pump has redefined the quality and durability standards of self-priming centrifugal trash pumps.

### Additional Advantages

- Self-priming, high performance pump capable of handling solids up to 2 inches, ideal for jobsites requiring fast dependable dewatering on command.
- Hardened ductile iron impeller and volute, with patented volute insert, provides a rugged, easy to maintain pump that will stay on the job longer.
- Thread-on mixed flow impeller design produces higher volume and head for increased pump performance.
- Heavy-duty frame with central lifting point and pneumatic tires combine pump and engine protection with easy transport.
- Mechanical seal runs in oil bath to reduce maintenance and protect seal in dry-run conditions.



**Note** - The curve data represents the designed performance of the pump models, but does not take into account the many natural physical forces that act upon the pump in supporting the job. Contact Multiquip for detailed guidance and pump calculations for your specific application.





## 6" TRASH PUMPS SPECIFICATIONS

### CD150M



#### Overview

The Godwin Dri-Prime CD150M pump offers flow rates to 2290 USGPM and has the capability of handling solids up to 3.0" in diameter.

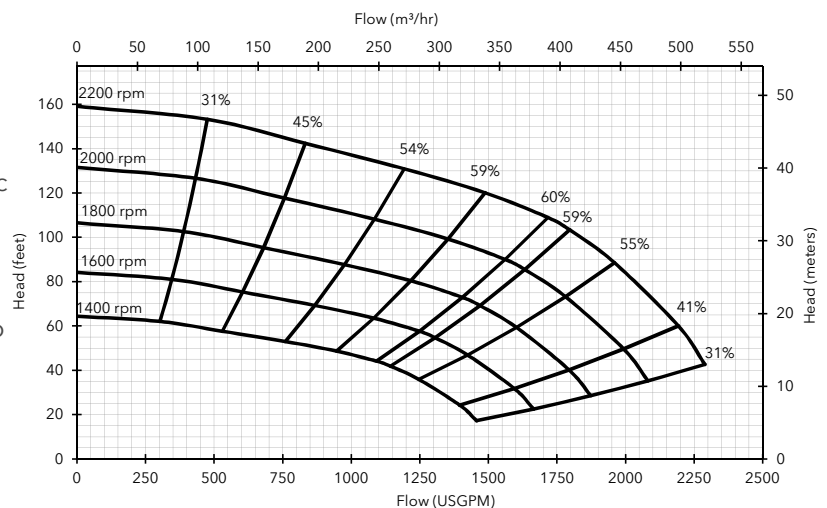
The CD150M is able to automatically prime to 28' of suction lift from dry. Automatic or manual starting/stopping available through integral mounted control panel or optional wireless-remote access.

Indefinite dry-running is no problem due to the unique Godwin liquid bath mechanical seal design. Solids handling, dry-running, and portability make the CD150M the perfect choice for dewatering and bypass applications.

#### Features and Benefits

- Simple maintenance normally limited to checking fluid levels and filters.
- Dri-Prime (continuously operated Venturi air ejector priming device) requiring no periodic adjustment. Optional compressor clutch available.
- Extensive application flexibility handling sewage, slurries, and liquids with solids up to 3.0" in diameter.
- Dry-running high pressure liquid bath mechanical seal with high abrasion resistant solid silicon carbide faces.
- Close-coupled centrifugal pump with Dri-Prime system coupled to a diesel engine or electric motor.
- All cast iron construction (stainless steel construction option available) with cast steel impeller.
- Also available in a critically silenced unit which reduces noise levels to less than 70 dBA at 30'.
- Standard engine JCB TCAE-55 (FT4). Also available with John Deere 4045TFC03 (FT4).

#### Performance Curve



#### Suction Lift Table

Total Suction Head (feet)	Total Delivery Head (feet)				
	30	46	62	81	121
Output (USGPM)					
10	2179	2131	2083	1889	1356
15	2058	1937	1816	1574	1162
20	1453	1453	1453	1332	848
25	1259	1211	1114	969	484

Fuel capacity: 60 US Gal

Max fuel consumption @ 2200 rpm: 5.2 US Gal/hr

Max fuel consumption @ 1800 rpm: 2.6 US Gal/hr

Please contact the factory or office for further details. A typical picture of the pump is shown. All information is approximate and for general guidance only.

**Note** - The curve data represents the designed performance of the pump models, but does not take into account the many natural physical forces that act upon the pump in supporting the job. Contact Multiquip for detailed guidance and pump calculations for your specific application.

## SUCTION HOSE – GREEN PVC

### SPECIFICATIONS

Stemar green PVC hoses are rigid industrial grade hoses intended for heavy duty suction or discharging with marine sanitation, sewage, and wastewater pumping operations.

All Stemar rental hose products are individually pressure tested after each and every rental for quality assurance.

Stemar's standard setup for these hoses are C&E (male & female) aluminum camlock fittings.

Custom sizes and fittings are always available with enough lead time.



Inside Diameter (ID)	Length	Outside Diameter (OD)	Working Pressure (70° F)	Vacuum Rating (70° F)	Weight (lbs/ft)	Bend Radius	Temperature Range	Roughness Constant (Hazen-Williams)
2"	20'	2.32"	65 PSI	-28 inHG	.61	7	15°F TO 150°F	140
3"	20'	3.43"	55 PSI	-28 inHG	1.05	10	15°F TO 150°F	140
4"	20'	4.46"	50 PSI	-28 inHG	1.80	16	15°F TO 150°F	140
6"	10'	6.57"	40 PSI	-28 inHG	3.37	36	15°F TO 150°F	140

Stemar Tiger Tail hoses are rigid industrial grade hoses suitable for both heavy duty suction and discharge in marine sanitation, sewage, and wastewater pumping applications. All sizes of tiger tail hoses are suitable for a full vacuum, flexible and kink-resistant.



*Calif. Greenbook 2021 Section 3-12.5.2 Sewage Bypass and Pumping Plan. ...Bypass pump suction and discharge lines that extend into manholes shall be rigid hose or hard pipe. Lay-flat hose will not be allowed to extend into manholes...*

Stemar understands it is often not economical or feasible to use hundreds of feet of suction hoses as discharge hose. In order to be in compliance with above spec and utilize existing Lay-flat discharge hose Stemar recommends the use of a single Tiger Tail hose at the end of your discharge run where the hose meets the manhole, see above. (note: recommended vacuum breaker is not pictured).



## DISCHARGE HOSE - HEAVY DUTY

### *SPECIFICATIONS*



#### ***PT45 Rubber Cover Hose*** is

constructed of seamless synthetic nitrile rubber with high tensile synthetic woven yarn. The cover is abrasion and oil-resistant. Chemically resistant to acids, alcohols, alkalis, and hydrocarbons. Temperature range is -35°F to +200°F. Available in black or Hi-Visibility yellow.

#### **PT45 Black Hose Specifications:**

<b>Black Part #</b>	<b>Diameter</b>	<b>Service Test Pressure (psi)</b>	<b>Acceptance Test Pressure (psi)</b>
PT45-BK-24	1-1/2"	150	300
PT45-BK-28	1-3/4"	150	300
PT45-BK-32	2"	150	300
PT45-BK-40	2-1/2"	150	300
PT45-BK-48	3"	150	300
PT45-BK-64	4"	150	300
PT45-BK-80	5"	150	300
PT45-BK-96	6"	150	300

#### **PT45 Yellow Hose Specifications:**

<b>Yellow Part #</b>	<b>Diameter</b>	<b>Service Test Pressure (psi)</b>	<b>Acceptance Test Pressure (psi)</b>
PT45-YL-24	1-1/2"	250	500
PT45-YL-28	1-3/4"	250	500
PT45-YL-32	2"	250	500
PT45-YL-40	2-1/2"	250	500
PT45-YL-48	3"	250	500
PT45-YL-64	4"	250	500
PT45-YL-80	5"	200	400
PT45-YL-96	6"	200	400

**STEMAR** heavy duty discharge hoses are coupled with cast aluminum CxE camlock fittings for use with pumps in water, sewage, and light chemical applications in the underground utility construction industry.