SUBMITTAL DATA SHEET

Dewatering Pumps

Electric & DC Powered | Engine Driven

6” Engine | Trash Pump

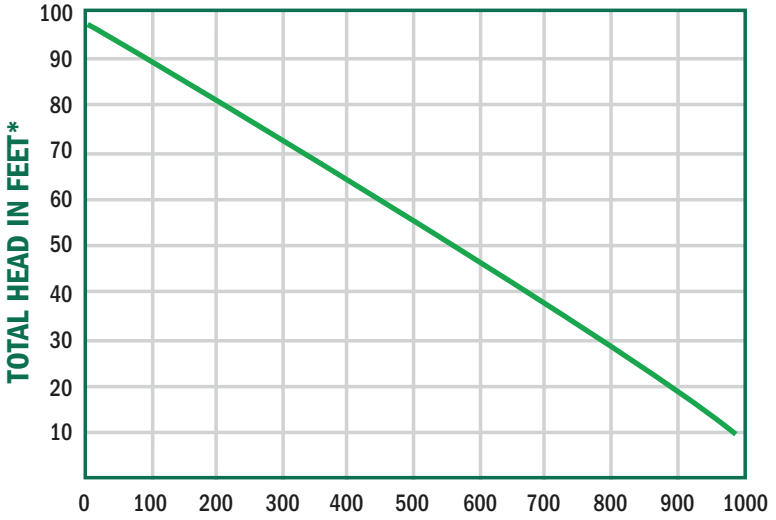


The A.Y. McDonald engine driven trash pumps are constructed of heavy duty sand cast aluminum with cast iron and stainless steel internal parts for wear resistance, and durability. Built-in slide mechanism features nylon and powder coated steel components that permit servicing, repairing, and cleaning entire pump without removing hoses or pump components from trailer.

Pumps are available with gasoline or diesel engine options; as well as trailer or skid mounted options.

Applications

Designed to handle applications which require high flow efficiency and solid handling capability. For use with non-flammable liquids which are compatible with pump component materials.



CAPACITY IN US GALLONS PER MINUTE @ 3600 RPM

***CONVERT TO PSI, DIVIDE BY 2.31 | LIQUID WATER SPECIFIC GRAVITY 1.0**

6” Trash Pumps

Model No.	Description/ Type of Pump	Ship Wt (lbs.)	Tank Size	Run Time	Maximum Solids Dia.	Base	Engine Type
06S24HTV	Honda OHV +++▲	1000 lbs.	20 gal.	9 hrs.	3”	Trailer	2 cycle air cooled
06S24HSV	Honda OHV +++▲	725 lbs.	20 gal.	9 hrs.	3”	Skid	2 cycle air cooled
06S27ITV	B&S Vanguard V-Twin OHV+++▲	1075 lbs.	20 gal.	9 hrs.	3”	Trailer	2 cycle air cooled
06S24YSV	Yanmar 3TNM72 Diesel+++▲	975 lbs	20 gal.	9 hrs.	3”	Skid	3 cycle liquid cooled
06S24YTV	Yanmar 3TNM72 Diesel+++▲	1250 lbs	20 gal.	12 hrs.	3”	Trailer	3 cycle liquid cooled

Solids Handling - 3” diameter

+++ Electric start, Battery not included - requires 12 Volt DC; BCI Group 24, Min 500 CCA battery

▲ Oil alert included

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

SUBMITTAL INFORMATION

- Cast aluminum casing and adapter
- Cast iron seal plate, volute, & manifold
- Stainless steel impeller
- Silicon carbide mechanical seal and Buna-N o-rings & check valve
- 6” NPT port size
- Self priming to 20’
- Solids handling to 3” diameter
- Includes seal wash feature for extended seal life
- 12 volt electric star
- Digital tachometer/hourmeter included
- Maximum temperature 180°F
- D.O.T. Approved Trailer - refer to your state and local codes for registration

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.

EST. 1856 McDonald

A.Y. McDonald Mfg. Co.
P.O. Box 508
Dubuque, IA 52004-0508

Toll Free: 1-800-292-2737
Fax: 1-800-832-9296
Hours: 7:00 a.m. - 5:00 p.m., CST

sales@aymcdonald.com
www.aymcdonald.com

A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by:

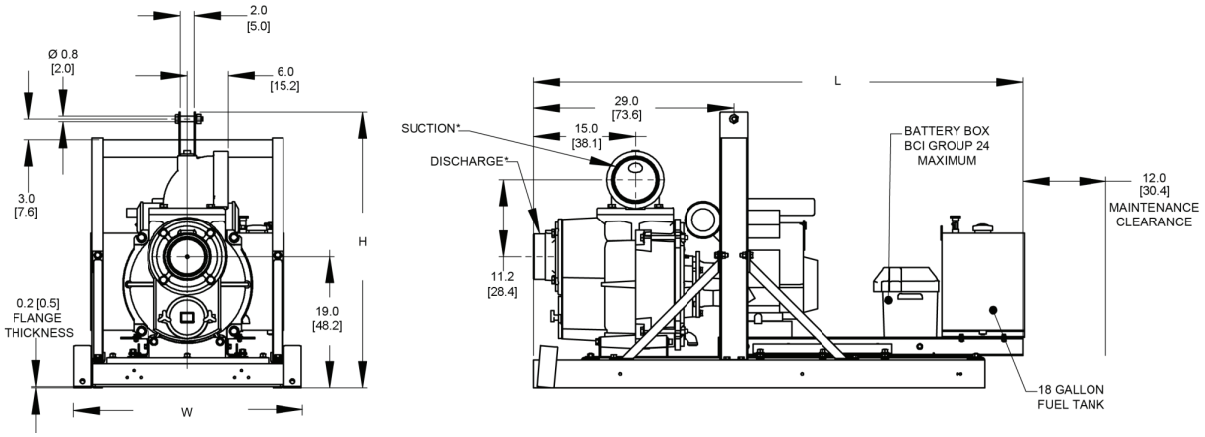
SUBMITTAL DATA SHEET

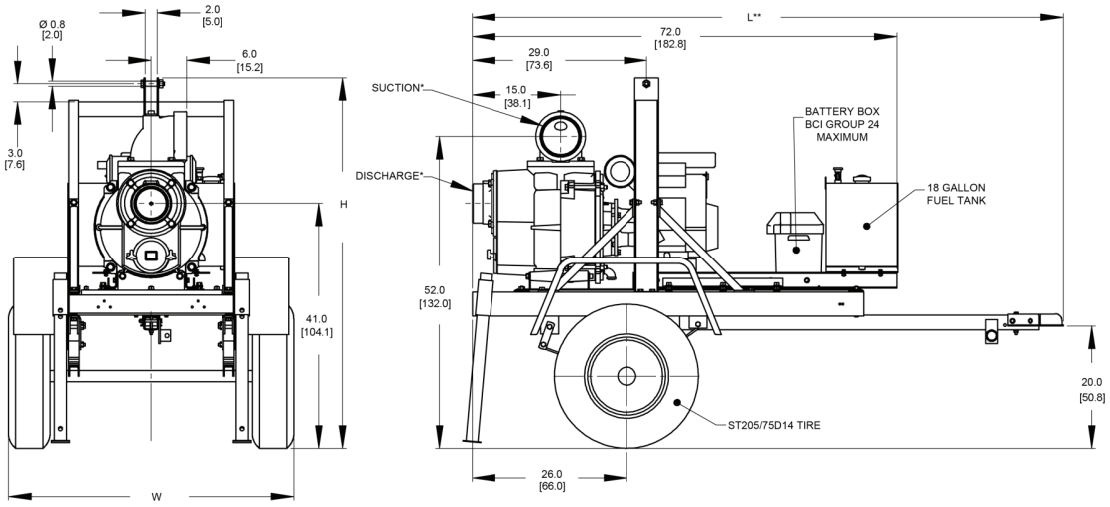
Dewatering Pumps

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6” Engine | Trash Pump







Dimensions

Model	L	W	H	Suct*	Disch*
06S24HTV	99.0	48.0	62.0	6	6
06S24HSV	71.0	33.0	40.0	6	6
06S27ITV	99.0	48.0	62.0	6	6
06S24YSV	71.0	33.0	40.0	6	6
06S24YTV	99.0	48.0	62.0	6	6

(*) Standard NPT pipe thread.

NOTE: Dimensions are in inches and have a tolerance of ±1/8’

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