

## Sewage Ejection Pumps

Heads to 100'  
Flows to 800GPM

### ***Vertical Submerged Non-Clog Sewage Ejector Pumps***

Weinman Type M-VS sewage ejection pumps are designed for industrial, commercial, and municipal pumping of sewage, sludge and trash. The submerged sewage ejectors are built in a wide range of pump sizes for a variety of applications. Auxiliary equipment is offered to assure the right model for your particular installation.

#### ***Accessories***

**Float Switch** Weinman Sewage Ejectors are furnished with Square D Type GG-2 float switch. It is mounted on an elevated stand and equipped with movable rod and copper float measuring 6 inches in diameter by 9 inches long. Float switch can be optionally furnished with Water Tight Type DW or explosion Resisting Type DR enclosures at additional cost.

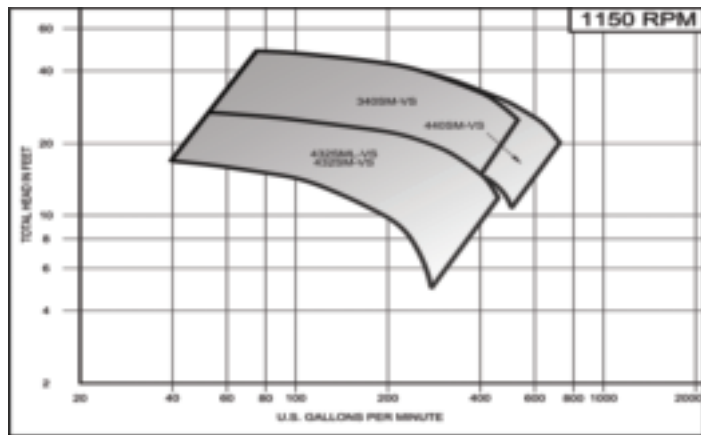
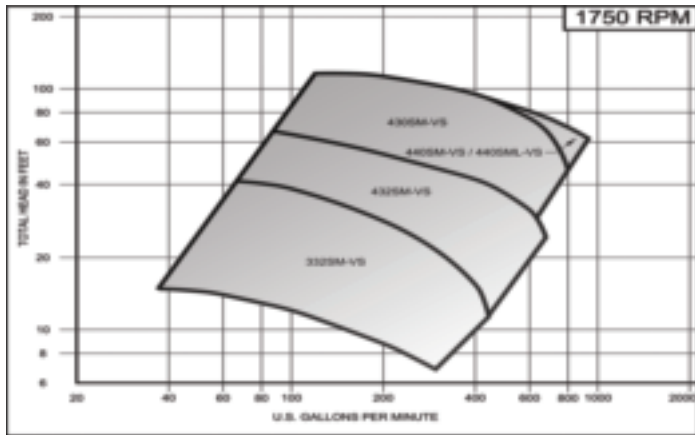
**Rubber Bearings** Cutless water lubricated bearings can be used where bearings are submerged or water or liquids can be piped for lubrication and loads and temperatures are not injurious to rubber.

**Mechanical Alternator** Weinman Duplex Pumps are generally furnished with Square D 9038 Type AG mechanical alternator in place of the two float switches. Alternator can be furnished with Water Tight Type AW or Explosion Resisting Type AR enclosures at additional cost.

**Optional: High Water Alarm** Available with switch only, switch and horn, or switch, horn and reset button. Senses static head pressure between media with bellows mounted in NEMA 1 enclosure. Trips microswitch on 2-3" fluid rise with no moving parts in the fluid.



# Weinman 800 Series



- Flexible Coupling**
  - Woods coupling is standard. Using a flexible rubber sleeve instead of conventional spider, it absorbs misalignment and torsional shock. Requires no lubrication or adjustment once installed and aligned.
  - Adjusting nut allows impeller clearance to be changed.
- One Piece thrust collar with cap** transmits the thrust load from the shaft to bearing, sealing out dirt and moisture.
- Grease Fittings and Lines** allow bearings to be lubricated from above.
- Packing Gland** prevents leakage of gases or liquid along shaft. Grease lubricated.
- Drive Shaft**
  - Ground and polished steel or sufficient size to prevent whipping. Steel or optional stainless steel available.
- Bottom Bearing**
  - Replaceable bronze grease lubricated bearing gives adequate support to impeller at all times.
  - May be converted to optional "Graphitor" or rubber "Cutless" without special bearing housing.
- Shaft Sleeve**
  - Renewable sleeve eliminates wear on shaft... reduces maintenance costs.
- Impeller**
  - Conventional enclosed non-clog type, with repelling vanes on back shroud to prevent packing of solids behind impeller.
- Motor**
  - NEMA type C flange-face motor mounts on driver pedestal without adapter or fittings.
- Float Switch or Mechanical Alternator**
  - Heavy duty 2 pole switch or mechanical alternator is mounted on cast iron stand.
- Thrust Bearing**
  - Grease lubricated angular contact-type ball thrust bearings carries both axial and radial loads.
- Column and Shaft**
  - Lengths standardized to cover most sump depth requirements.
- Perfect Alignment** is provided by tenon fit between column and mating parts.
- Column** to discharge pipe spacing is in two sizes and allows for standardization of sizes and shape of basin covers.
- Float**
  - Moveable copper float slides on non-corrosive float rod with adjustable stops. Eliminates need for high clearance over the float switch stand.
- Extra Heavy Duty Casing** of close-grained cast iron for long, corrosive-resistant underwater service.



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