

Mud Sucker®  
Diaphragm Pumps  
**BW Pumps**

Electric Walking  
Beam Style  
Diaphragm Pumps

3BW-EC™  
4BW-EC™

**FEATURES**

Cast iron connecting rod with split bearing insert.

5 1/8" urethane ball valves for the ultimate in solids handling diaphragm pumps.

Quick opening valve covers with o-ring and hand knobs.

Available air chambers for pulsation dampening.

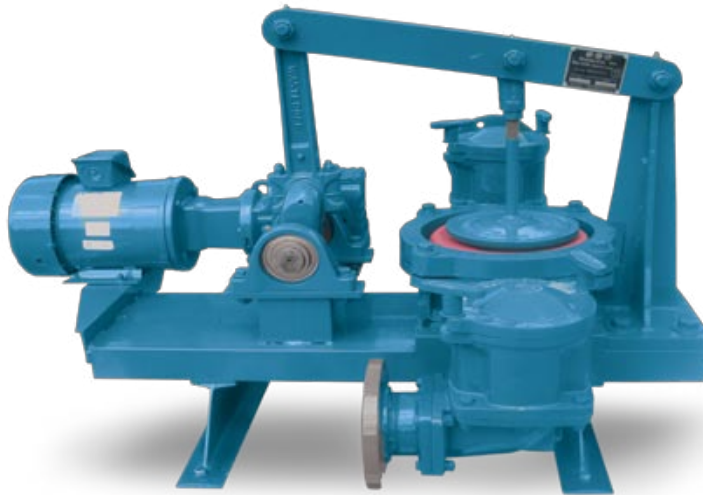
A proven design for over 80 years.

**PROFESSIONAL**



**WASTECORP.**  
**Pumps®**

**PROFESSIONAL**



## Heavy Duty Municipal or Industrial Slurry Pumping? **No Problem.**

Pumping municipal sewage and industrial slurry isn't like it used to be. Volumes have increased and the solids and debris laden waste have become tougher to pump. The walking beam diaphragm pump was invented for the purpose of transferring tough waste for professional applications. With low wear components and customized options available, solve your government wastewater handling needs or industrial slurry problem with the Mud Sucker electric walking beam diaphragm pump series.

**Pumping With The Right Equipment Makes All The Difference.**



**VERSATILE MOUNTING**

The BW Series pumps can be mounted to a concrete pad or a facility floor. Your choice.



**DESIGNED FOR EXTREMES**

These diaphragm pumps have been engineered for modern sewage treatment problems like higher volumes and increased solids.



**COMPONENT FOR YOUR SPECIFIC APPLICATION**

Corrosive fluids, slurry consistencies and solids percentage need specific components to get the job done right. Wastecorp has them.

**WHAT THIS MEANS TO YOU.**

No need to reconfigure your existing set up. Piping changes are similar to many other pump technology.

You get the right pump the first time, without the hassles.

Simple component changes not only improve the flow of fluids but also cut your pump maintenance costs.

**MUD SUCKER® DIAPHRAGM PUMPS THE PUMP WITH ATTITUDE.**

**wastecorp.com**

# BW Series

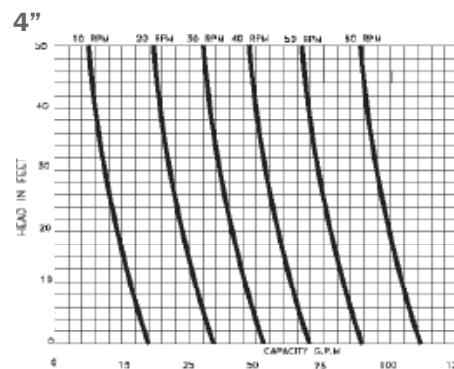
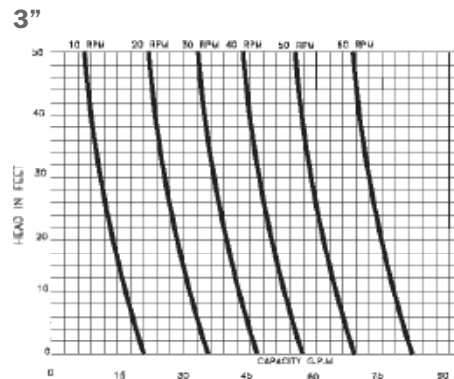
## Performance Range

**3"/4"**

Max. capacity	80 GPM / 110 GPM
Max. Suction lift	25' vertical or 100' horizontal
Max. discharge head	50' vertical or 500' horizontal
Solids handling	1 $\frac{3}{4}$ " / 2 $\frac{1}{4}$ "

## Pump and Motor Specifications

Suction inlet/outlet size	3" x 3" / 4"x4"
Max. liquid temperature	210°F (99°C) continuous
Pump body casing	Cast iron (ASTM A48, Class 30-35)
Diaphragm	14 $\frac{3}{4}$ " dia thermoplastic elastomer (red) Severe duty -25°F to 212°F Optional: Neoprene
Ball valves	5-1/8" diameter polyurethane with steel core
Gearbox	Helical worm gear motor SEW Eurodrive or equal
Valve Seat	Cast iron (ASTM A48, Class 30-35) Optional bronze or stainless steel
Connecting rod	Cast iron (ASTM A48, Class 30-35)
Motor Specification	5 hp; 1750 RPM, 3 hp; 60 Hz; 230/460V TEFC SEW Eurodrive helical worm gear motor



## Spare Parts

14 $\frac{3}{4}$ OD diaphragm	16369-00
Valve seat (cast iron)	36022-02
Machine screws	33216-00
Valve seat gasket	36026-00
Valve seat (cast iron)	36022-02
Walking beam	15707-00

## Mud Sucker Diaphragm Pumps®

Toll-Free North America  
1.888.829.2783

Website  
<http://www.wastecorp.com>

Worldwide  
201.445.2882

E-mail  
[info@wastecorp.com](mailto:info@wastecorp.com)

  
**WASTECORP.**  
**Pumps®**  
**OEM Manufacturer**

The pump depictions are not meant to be used or relied upon as a substitute for the safety and use information that is published in the respective operator's manual. Before operating your diaphragm pump, read, understand and follow all instructions in the manual and on the pump. Specifications and programs are subject to change without notice. Images may not reflect dealer inventory and/or unit specifications. Wastecorp, Mud Sucker and globes are trademarks of Wastecorp, WPCI Environmental Brands. No reproduction of this document without permission. © Wastecorp.