

Mud Sucker®
Diaphragm Pumps

B Series

Solids Crushing
Diaphragm Pumps

3B-EC™
Standard Piping

3B-EC™
In-line Piping

FEATURES

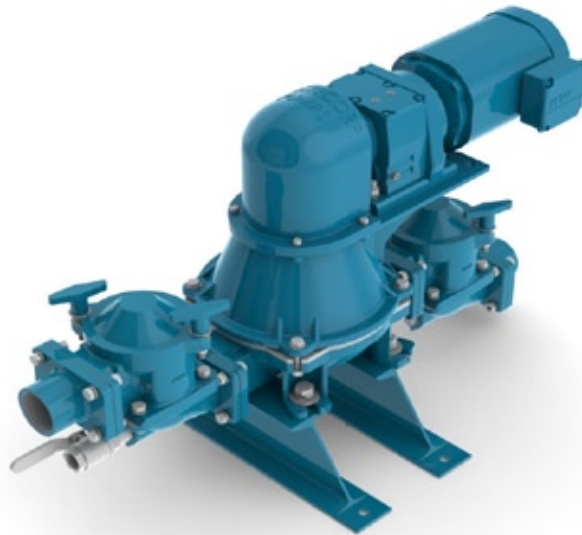
Severe duty grade valve chamber with steel core ball valves to crush solids.

Premium cast iron design for high wear life and long life cycles.

Stainless steel, cast iron or bronze valve seats available.

Available air chambers for pulsation dampening.

PROFESSIONAL



When You're Pumping Tough Solids, Your Pump Better Have Attitude.

Take your fluid handling application to the next level with the solids handling Mud Sucker B Series. This pump sucks up mud, refinery waste oil, agricultural waste, leachate waste, mining slurries, food processing waste and almost any solid. It then crushes it with an innovative dual ball valve design improving flow and drastically reduced clogging. With heavy duty cast iron components, premium drive systems and Wastecorp engineering bring the pump with attitude to your facility as a single unit or a multi-unit pump station today.

Pumping With The Right Equipment Makes All The Difference.



PROFESSIONAL PUMP DESIGN & ENGINEERING

Solids and slurry get crushed and transferred through the innovative dual valve chamber system.



DIAPHRAGMS DESIGNED FOR THE LONG HAUL

Santoprene diaphragms are designed for an improved seal and resist cracking under extreme conditions



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.

Manage consistent or varying solids levels easily.

Spend more time pumping and less on maintenance with high life cycle components

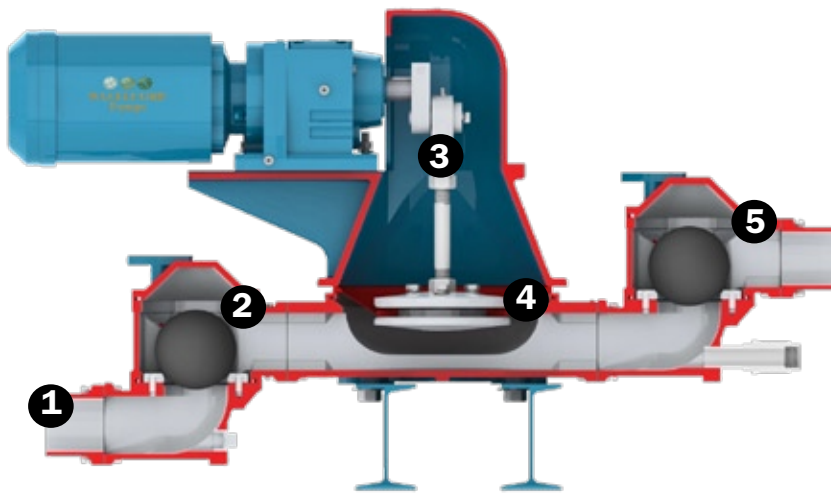
Simple component changes not only improve the flow of fluids but also cut your pump maintenance costs.

MUD SUCKER® DIAPHRAGM PUMPS THE PUMP WITH ATTITUDE.

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How it works



- 1** 3" inlet sucks in maximum spherical solids of 2.25".
- 2** Suction valve chamber crushes all kinds of debris laden waste or makes slurry more manageable.
- 3** Heavy duty pump rod design ensures consistent flow and performance.
- 4** High performance Santoprene diaphragms handle all sorts of fluids including waste oil, mining waste, coal slurry, raw sewage, landfill leachate and more.
- 5** The discharge valve chamber sends slurry and solids on their way with added solids crushing performance.

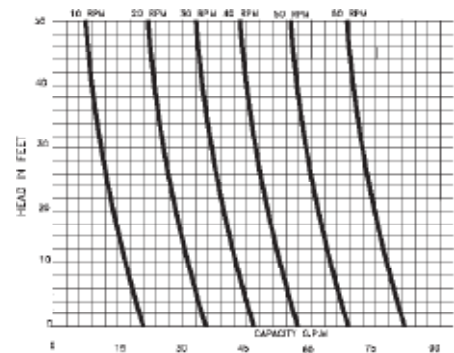
Performance Range

Max. capacity	80 GPM
Max. suction lift	25' vertical or 75' horizontal
Max. discharge head	50' vertical or 300' horizontal
Solids handling	2¼" dia or 50% by volume

Pump and Motor Specifications

Suction inlet/outlet size	3"x3"
Max. liquid temperature	104 °F (40 °C) continuous
Pump body casing	Cast iron (ASTM A356, Class 30)
Diaphragm	13" dia Santoprene® Neoprene Severe duty -25 °F to 212 °F
Ball valves	Urethane
Gearbox	Helical bevel cast iron housing with
Hardware	Zinc plated
Rod end bearing body	Cast iron, protective coated for corrosion resistance
Ball bearing	Cast iron, protective coating for corrosion resistance
Ultimate radial static load capacity	9,000 Lbs
Motor specification	3 hp, 1800 RPM, three phase; 60 Hz; 230/460V

Performance Curve



Mud Sucker Diaphragm Pumps®

Toll-Free North America 1.888.829.2783 Website <http://www.wastecorp.com>

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Mud Sucker B Series pumps are designed and specified to pump landfill leachate, agricultural waste, select manure pumping applications, mining waste, bauxite waste pumping, waste oil, biodiesel applications, coal slurry, tar sands applications, aquaculture, industrial fluids and more. Consult factory with flow rates and percentage of solids you are pumping before ordering. © Wastecorp, no reproduction without authorization.