

Mud Sucker®  
Diaphragm Pumps  
**2B Series**

Solids Crushing  
Diaphragm Pumps

2B-EC™  
Electric

**FEATURES**

Available with a 1½" or 2" connection

Solids handling up to 1½"

Exclusive Wastecorp design

Few moving parts for low cost of ownership

Specialty drive systems available (air driven, hydraulic)

**PROFESSIONAL**



**WASTECORP.**  
Pumps®

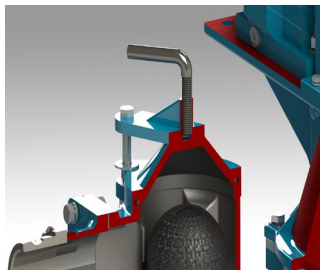
**PROFESSIONAL**



**PROFESSIONAL ELECTRIC DIAPHRAGM PUMPS. AUTHENTIC AND ORIGINAL.**  
**MEET THE MUD SUCKER® 2B SERIES.**

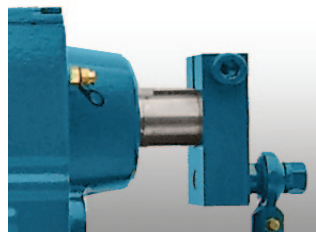
Forget about the cookie cutter approach to pump design, your pump should be designed for your needs. The Mud Sucker 2B Series Professional is unlike any 2" diaphragm pump on the market. With check balls to crush solids and an easy to maintain valve chamber, you get a light weight pump to transfer fluids up to 20 GPM. Your choices for drive options are endless including single or three phase electric, gas, air operated or hydraulic. The best part is, Mud Sucker pumps are manufactured close to home, so parts and service is always close by.

Professional Diaphragm Pumps for Solids Handling Applications.



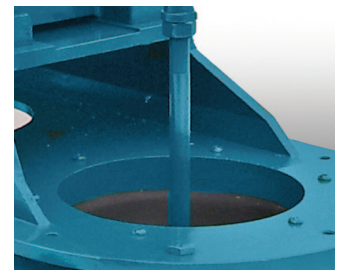
**PROFESSIONAL PUMP DESIGN & ENGINEERING**

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



**PREMIUM COMPONENTS**

Heavy duty shaft and crank are designed for heavy use applications and long life cycles.



**LIGHT WEIGHT PUMP BODY**

The Patented Mud-sucker design includes a marine grade aluminum pump body and velocity channel to enhance fluid transfer.

**WHAT THIS MEANS TO YOU.**

Solids move through the pump more easily making your pump efficient and productive.

You get what you pay for with the 2B Series, unlike throw away makes that cost good money but simply don't last.

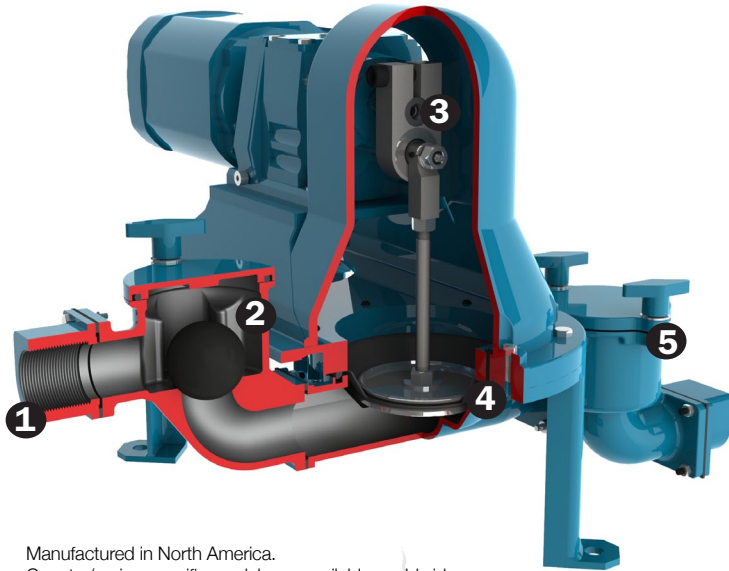
Maneuver your 2B Series around your job site easily with lighter weight components

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

**wastecorp.com**

## How The Mud Sucker® 2B Series Works

## Professional Electric Diaphragm Pumps



Manufactured in North America.  
Country/region specific models are available worldwide.

- 1 1.5" or 2" inlet sucks in maximum spherical solids of 1.5".
- 2 Suction valve chamber crushes all kinds of debris laden waste or makes slurry more manageable.
- 3 Pump rod and crank arm ensures consistent flow and performance.
- 4 High performance diaphragms handle all sorts of fluids including waste oil, mining waste, coal slurry, raw sewage, food processing waste and more.
- 5 The discharge valve chamber sends slurry and solids on their way with added solids crushing performance.

### Performance Range

Max. capacity	20 GPM
Max. suction lift	20' vertical or 75' horizontal
Max. discharge head	50' vertical or 300' horizontal
Solids handling	1½" dia or 50% by volume

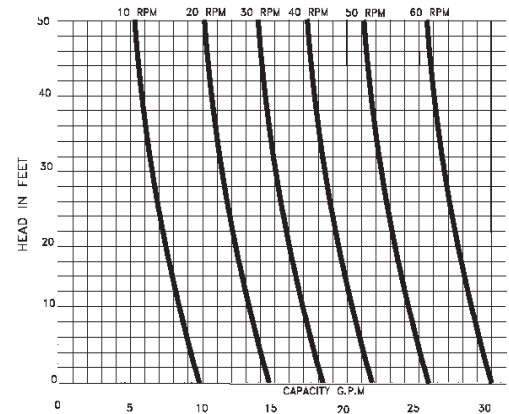
### Pump and Motor Specifications

Suction inlet/outlet size	1.5" or 2"
Max. liquid temperature	140°F (60°C) continuous
Pump body casing	Marine grade aluminum (ASTM A356, Class 30)
RPM speed of diaphragm	61
Diaphragm	7" dia. fabric reinforced Buna-N
Ball valves	2"
Gearbox	SEW Eurodrive or Siemens - cast iron housing with heat treated gears
Hardware	Stainless steel 316
Rod end bearing body	Carbon steel, protective coated for corrosion resistance
Ball bearing	Sintered steel, heat treated, oil impregnated
Ultimate radial static load capacity	9,000 Lbs

### Motor Specifications

Description	Part No.	Motor Option
Standard motor (TEFC)	62982-00	1 hp, 1800RPM/3/60/230-4
Single Phase (TEFC)	62982-10	1 hp, 1800RPM/1/60/115-2
12V DC Power	62982-40	1 hp, 1800RPM/12V DC TEFC
24V DC Power	62982-50	1 hp, 1800RPM/24V DC TEFC
Explosion Proof (Three phase), TEXP	62982-20	1 hp, 1800RPM/3/60/230-4
Explosion Proof (Single phase), TEXP	62982-30	1 hp, 1800RPM/1/60/115-2

### Performance Curve









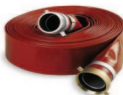

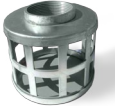









  
**WASTECORP.**  
**Pumps®**  
 OEM Manufacturer

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.



# ATTACHMENTS

Part no.	Description	Part no.	Description
	19022-00 <b>Recommended!</b> Pressure relief valve, bronze set at 40 psi		61315-00 Wheel mount kit with handles
	61686-00 Basic spare parts kit (diaphragm and flappers)		62538-00 Mobility package (stationary) lifting bars
	61688-00 Comprehensive spare parts kit (diaphragm, flappers gaskets, weights and hardware)		62742-00 Air chamber assembly. Pulsation dampening
	60718-00 Non-collapsible EPDM hose 2"x20'. Camlocks included		Various Wet section coatings for specific applications
	51333-10 Discharge hose, lay flat (brown) 2"x50'. Camlocks included		62301-00 SEW Movimot 24V key pad speed control
	34383-00 Stainer, sq. hole (solids) 2" FNPT		61492-00 Starter Control Panel w/ NEMA 12 protection
	61387-00 Universal sewer adapter assembly		61491-00 Transformer start/estop, w/ Nema 12 overload protection
	60536-00 Clear swing check valve 2" FPTxFPT		62974-00 3-way brass valve w/ aluminum camlocks
	60460-00 Camlock fitting 2" alum. male adapter MNPT		60506-00 The Gulper™ Suction tool No more bending