PUMPS DESIGNED FOR ONE APPLICATION.

YOURS.

MUD-SUCKER

DIAPHRAGM PUMPS

THE PUMP WITH ATTITUDE.

MUNICIPAL | INDUSTRIAL | COMMERCIAL | MARINE | RECREATIONAL

®
Wastecorp Mud-Sucker® Pumps are positive displacement pumps designed to handle heavy debris laden water, wastewater, sludge and slurry encountered in food processing, mining construction petrochemical and other industries. Mud-Sucker pumps are engineered to like no other diaphragm pump on the market - built for strength and capacity.

From waste clean-ups to sewage disposal, the Mud-Sucker can pump over 10,000 gallons per hour of heavy waste or debris laden water. Wastecorp Mud-Sucker's are available in trailer mounted dolly style, stationary or cart style models with multiple piping configurations available to quickly conquer most fluid handling applications.

The rugged Mud-Sucker will lift up to 25 feet below the pump and discharge up to 50 feet above the pump, or up to 500 feet of horizontal head. Each model features a virtually clog free design that is capable of handling up to 2 ½” spherical solids. These pumps incorporate a check ball or a check flapper valve and are available in heavy duty single or double diaphragm models.

**Application Examples:**
- Municipal: Belt filter press, Centrifuge feed, Lagoon dredging, Portable clean-up, Scum transfer, Septage transfer, Thickened sludge
- Food Processing: Beef, Colostrum, Fruit & vegetable, Pork, Poultry, Seafood, Sugar refining, Tannery, Vegetable oil
- Metal slurry transfer, Mining waste, Paint transfer, Passified chemical sludge, Pharmaceutical, Polymer transfer, Pulp and paper, Raw latex, Ship bilge transfer, Waste oil sludge

**Your Pumping Application and Wastecorp's Mud-Sucker:**
THE PUMP WITH ATTITUDE.

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Check out our revolutionary pump tools that can increase productivity and reduce mess.
MUD-SUCKER DIAPHRAGM PUMPS

Discharge (Shown in open position)

Discharge flapper valve. (Shown in open position)

Flapper Valve or Ball Valve, Which Mud-Sucker Style Is Right For You?
Over 80 years have passed since the first walking beam style diaphragm pump rolled out from the factory. This pump design with its guided valve chamber system has stood the test of time and is still used in today’s modern plunger and diaphragm pumps to prevent clogging. Today, Wastecorp Pump uses the latest technology to empower your pumping application, with quality components and unmatched customer service.

Mud-Sucker Diaphragm Pumps are OEM designed and manufactured by Wastecorp Pumps in North America.
MUD-SUCKER DIAPHRAGM PUMPS

THE NEW 2FA SERIES

PUMP LIKE A PRO WITH MUD-SUCKER 2FA SERIES PUMPS. Designed for Marine, and multipurpose applications available in single and double diaphragm models. You choose from electric or engine drives.

The Mud-Sucker 2FA Series is designed for marine and multi-purpose applications. You choose between a 1½" or a 2" connection and electric, gas or diesel models. The 2FA features a heavy duty 7" diaphragm with a marine grade aluminum contoured velocity channel. This design improves the flow of fluids, providing a virtually clog free design.

The Mud-Sucker 2FA Series is Wastecorp's most compact self-priming design, with most models weighing under 80 Lbs. The 2FA is designed to pump debris laden liquid or slurries such as cruise ship or pleasure boat septic tank waste and vegetable oil. The 1½ & 2FA™ can be customized with your choice of fittings and adapters to suit your specific needs.

The Standard model features a single phase 1 HP; 1800 RPM, 60 Hz, 110-220V with helical parallel gear reducer.

A. Heavy duty shaft and crank arm designed for heavy use applications and long life cycles.
B. Marine grade aluminum pump body enhances fluid transfer.
C. Quick connect fittings designed to fit securely with hoses and attachments.

™
Premium Components

Wastecorp rubber/fabric-reinforced and thermoplastic (TPE) pump diaphragms offer a combination of performance and economic benefits. These products have superior flex fatigue resistance, excellent abrasion resistance, and good temperature resistance. Increased flex life results in less downtime, lower maintenance costs, and lower replacement costs for the pump user.

Did You Know?

The Mud-Sucker 2F Series is a popular pump to transfer vegetable oil in the production of biofuels.

Mud-Sucker® 2FA-EC™

• Standard single phase 1 HP; 1800 RPM, 60 Hz, 110-220V with helical parallel gear reducer

THE PUMP WITH ATTITUDE.

Mud-Sucker® 2FA-M™

• Featuring a Honda GX 100 3 HP engine
• Available with wheel kit
• Solids handling up to 1¼"

* See page 11 for the double diaphragm configuration.
The Mud-Sucker FA™ Series heavy duty diaphragm pump is available with a marine grade aluminum pump body, thermoplastic elastomer (TPE) diaphragm and various drive options. Wastecorp Pumps offers the FA™ series in two configurations: stationary or wheel mounted for easy mobility and portability around the job site.

The FA can transfer solids up to 2¼” making it an ideal pump for heavy duty municipal and industrial applications. Each unit is equipped with fabric reinforced neoprene flapper valves on both the suction and discharge, with steel weights designed to enhance fluid transfer of any kind.

Mud-Sucker® 3FA-M Series™
- Standard 5 hp gas or diesel engine
- Pump up to 80 GPM
- Solids handling up to 2¼”

Mud-Sucker® 3FA-EC Series™
- Standard 3 hp gas or diesel engine
- Pump up to 80 GPM
- Solids handling up to 2¼”

Guard removed for clarity
Uncover New Ways to Keep Maintenance Costs Down.

THE PUMP WITH ATTITUDE.

1. Long lasting neoprene diaphragm
2. Cross section improves flow of liquid and sludge.
3. Quick connections available to get your job done quickly.
4. Heavy duty flappers are low cost and easy to replace.
MUD-SUCKER DIAPHRAGM PUMPS

B SERIES

SEVERE DUTY PUMPING POWER. CRUSH DEBRIS LADEN WASTE WITH EASE.

Designed for mining, food processing, agricultural, construction, refinery sludge, petrochemicals and much more. Available in 3" and 4" connection sizes with pumping capabilities up to 110 GPM.

PROFESSIONAL

The heavy duty Mud-Sucker B Series Professional is designed for the toughest sludge and slurry based liquids known for public works and industrial applications.

The simple and proven design is equipped with an adjustable stroke eccentric, allowing the operator to alter the flow rate anytime.

Access to the pump interior is as simple as removing the valve chamber cover. With the B Series Professional, maintenance is easy and cost effective.

The Mud-Sucker B Series has one lubrication point to reduce maintenance. Plus, the Mud-Sucker is designed to work non stop and self primes up to 25 ft.

For Minimal Maintenance And A Long Life cycle, There is Simply No Other Pump Like a Mud-Sucker.

A. Ball valve design breaks apart up to 2 ¼" solids easily and transfers heavy sludge.

B. Heavy duty cast iron design enables you to pump the toughest sludge and slurry without high maintenance costs.

Mud-Sucker's Are Green Fuel Capable. Use up to 5% ethanol in our diesel engines.
THE PUMP WITH ATTITUDE.

Mud-Sucker® 3B-EC | 3B-M Series™
• Capacity up to 80 GPM
• 5 HP; 1750 RPM 3PH; 60 HZ
460V TEFC helical parallel gear motor
• 5 HP engine driven models
• 13” OD TPE diaphragm
• Heavy duty cast iron pump body

Mud-Sucker® 4B-M | 4B-EC Series™
• Capacity up to 110 GPM
• 5 HP; 1750 RPM 3PH; 60 HZ
460V TEFC helical parallel gear motor
• Up to 8 HP 3600 RPM engines
• 14 ¾” OD TPE diaphragm
• Heavy duty 5-1/8” urethane ball valve

ELECTRIC ENGINE IN-LINE DOLY TRAILER

Our choice of gas, electric or diesel drives.

A stronger seal surrounds the pump body and diaphragm.

Select from several diaphragm styles to suit the type of fluid you are pumping.

™
MUD-SUCKER DIAPHRAGM PUMPS

1. DD-SERIES

   DOUBLE THE PUMPING POWER. DOUBLE THE ATTITUDE.

   PUMP UP TO 280 GPM AND TRANSFER SOLIDS UP TO 2 ¼”.

   THE IDEAL PUMP FOR SEVERE DUTY MUNICIPAL, INDUSTRIAL
   AND COMMERCIAL MARINE APPLICATIONS.

   The 2”, 3” and 4” Mud-Sucker double diaphragm pump series incorporates the same
   design characteristics as the FA™ Series, but
   its double diaphragm configuration increases
   the operating capacity (US GPM) two-fold. This
   enables you to perform multiple fluid transfer
   tasks simultaneously.

   Versatile and powerful, you can mount the
   Mud-Sucker DD Series almost anywhere while
   pumping up to 280 GPM.

   The Mud-Sucker double diaphragm series is
   offered with your choice of fabric reinforced
   flapper valve design or heavy duty ball valve
   design. From clean water or debris laden
   liquids to thick slurries, the Mud-Sucker
   F-DD™ is engineered for years of trouble-free
   pumping with minimal replacement parts
   costs.

Mud-Sucker®  2FDD™

Wastecorp's 2” double pump out
models feature 2” suction/
discharge ports and are ideal for
marine, locomotive and multi-
purpose pumping.

- Lightweight aluminum pump
casing
- Choice of gas, diesel and
electric
- Solids handling up to 1¼”
- Pump up to 50 GPM
THE PUMP WITH ATTITUDE.

Mud-Sucker® B-DD™ (Ball Valve)
For high solids applications including mining, food processing petrochemicals and more. The B-DD Series is tested and proven for superior performance and wear resistance.
• 3 and 4" models available
• Up to 10 hp electric (single or three phase)
• 10 hp gas or diesel engine
• Pump up to 220 GPM
• Discharge head to 50 ft
• Solids handling up to 2 ¼"

Mud-Sucker® FM-DD™ (Gas or Diesel)
The Mud-Sucker FM-DD Series features an ultra low maintenance design. With few moving parts, the DD Series is designed to outlast in the most punishing conditions.
• Select from 2-4" gas models
• Pump up to 280 GPM
• Solids handling up to 2 ¼"

Mud-Sucker® FEC-DD™
The heavy duty FA-DD Series features a redesigned pump body to improve performance with a wider selection of piping configurations.
• Pump up to 280 GPM
• Solids handling up to 2½"
• Choice of electric, gas or diesel engines up to 13 HP

Convenient Electric Start Feature
Engine driven models start quickly to get your job done quickly.
MUD-SUCKER DIAPHRAGM PUMPS

13

BW SERIES

THE PROVEN PERFORMER FOR OVER 80 YEARS.

MUD-SUCKER WALKING BEAM DIAPHRAGM PUMPS IN 3"
OR 4" MODELS. PUMP UP TO 2 ¼" SOLIDS UP TO 110 GPM.

The Mud-Sucker 3BW™ and 4BW™ heavy duty walking-beam Series are designed to transfer the toughest food processing, pulp and paper, chemical and mining wastes.

Each pump is manufactured of cast iron components and use a single thermoplastic elastomer diaphragm, urethane ball valves with steel core and your choice of urethane, cast iron, bronze or stainless steel valve seats.

Heavy viscous slurry materials and debris laden liquids pass through these pumps with ease.

The 3" unit can pump up to 80 GPM, without adjustment or speed variations.

The 4" unit can pump up to 110 GPM, without adjustment or speed variations.

MUD-SUCKER WALKING BEAM PUMPS ARE AVAILABLE IN STATIONARY OR PORTABLE MODELS.

Mud-Sucker® 3BW-EC™ / 4BW-EC™

• 3-5 hp gear motors
• Ideal for chemical, food processing and municipal wastewater fluid handling.

LOW MAINTENANCE - HIGH PERFORMANCE

Mud-Sucker® 3BW-M™ / 4BW-M™

• Available 6.5-9  hp engines.
• Sturdy trailer frame designed for heavy duty use.
• Ball Valve design prevents most clogs by breaking up debris.

Optional fully enclosed pump body.
C. The Mud-Sucker BW-DD Series can go almost anywhere with trailer, stationary and skid mounted units available.

B. Convenient electric start feature available on all gas and diesel engine models. Engines are available up to 15 HP for the BW-DD Series.

A. The heavy duty cast iron construction of the BW-DD Series withstands heavy sludge and slurries in municipal and industrial applications.

NOTHING TOUGHER THAN A MUD-SUCKER.

T H E  P U M P  W I T H  A T T I T U D E .

BW-DD SERIES

THE 4" BW-DD CONQUERS REFINERY SLUDGE AND HEAVY INDUSTRIAL SLURRIES WITH EASE.

The 4BW-DD™ Series double diaphragm pumps are specified for heavy duty sludge pumping applications; including chemical, oil and the food processing industry (hog, beef, fruit, poultry, fish, tanneries and canneries).

The 4BW-DD™ series of pumps incorporate the same specifications as the 4BW series, with the exception of its double diaphragm arrangement, which increases the operating capacity (U.S. GPM) two-fold. The double diaphragm design also ensures smoother, higher volume, constant non-clog operation with consistent fluid transfer under severe conditions. This extreme duty series performs simultaneous suction and discharge cycles with each stroke. The 4BW-DD™ is the workhorse for industrial landfills, mining slurry and heavy viscous operations utilizing a 4" connection to move the effluent fast.

™

DOUBLE DIAPHRAGM WALKING BEAM PUMPS

4BW-EC-DD
• 5 - 7.5 HP gear motors with reducer available.
• Ideal for chemical, food processing and municipal wastewater fluid handling.

4BW-M-DD
• Available 9-15 HP engines
• Also available as a skid mounted model with a diesel engine.
MUD-SUCKER DIAPHRAGM PUMPS

- Up to 3” x 3” sizes available
- Pump up to 80 GPM
- Discharge head to 50 TDH

HYDRAULIC PUMPS

- Hydraulic motor requirements: 8.5-12 GPM at 1600 PSI

AIR DRIVEN PNEUMATIC PUMPS

- Air consumption – up to 35 ACFM at 56 cycles/min - 85 PSI
- 1 ½”-3” models available
- Pump up to 80 GPM
- Discharge head up to 50 TDH

SLUDGE SUCKER® GROUT PUMPS

- 18 – 25 GPM at 12 PSI pressure
- Dimensions: 23” x 12” x 20”
- Large hopper/funnel
- Contoured lever action handle
- Ideal for heavy duty public works applications

SLUDGE SUCKER® HAND PUMPS

- Size: 1” or 1 ½” inlet / outlet
- Reinforced buna flapper valve
- Available in bronze or marine grade aluminum with standard stainless steel fittings

Keep Your Mud-Sucker® Operating Like New With genuine maintenance kits.

CASE IN POINT...

Wastecorp’s Sludge Sucker® Hand Pump Series pump out trenches, manholes and telephone land line infrastructure projects for cable operators, telephone and wireless operators and public utilities worldwide.

Wastecorp offers FLEET PRICING for 50 or more units. Call us to find out more.

®

WASTECORP’S NEW MUD-SUCKER SPECIALTY PUMP LINE CATERS TO SPECIFIC APPLICATIONS AND PUMP REQUIREMENTS.
THE PUMP WITH ATTITUDE.

Honey Wagon Sanitation Systems
FEATURING WASTECORP MUD-SUCKER PUMPS. FROM 50 GALLON - 1000 GALLON AND BEYOND. FOR MORE INFORMATION VISIT http://www.wastecorp.com/mudsucker/marine.html

Single Axle
• Select from 150-300 gallon sizes
• Features a Mud-Sucker® gas or electric 2FA Series pump
• Convenient rear discharge valve
• Heavy duty tank reduces odors

Rinse Tank Sanitation System
• Features a separate 55 gallon rinse tank to sanitize hoses and attachments
• 150 gallon primary waste holding tank
• Choose from 1½” - 2” Mud-Sucker Pumps
• Heavy duty axle and hose systems

Dual Axle - Severe Duty
• Select from 500, 800 and 1000 gallon sizes
• Heavy duty flapper check valve keeps waste moving quickly
• Engineered for high sewage and slurry content
• Ideal for high volume marine or recreation applications
Hose Assembly
Everything You Need To Get Your Job Done.
• Select from 25' or 50' packages
• Superior abrasion & crush resistance
• Premium hose resists kinking
• Premium suction tool and fittings
• Improved double helix design allows for added flexibility & durability even in sub-zero temperatures

Get a precision fit for collapsible and crush proof hoses. Components designed to improve your pump flow.

Pump Strainers
Pump strainers improve flow by preventing debris from entering your pump. Choose from a variety of solids strainers, skimmers, pipe and more.

Foot Valve
Wastecorp foot valves feature a built-in strainer to help you transfer sewage and slurry.
• Sizes available from 2”- 6”

Couplings and Quick Connect Fittings
Wastecorp offers a wide variety of couplings and fittings that provide a secure fit to your hose and pump.

Severe Duty Discharge Hose
• Sizes available up to 300 ft
• Temperature range from 5°f - 170°f
• Designed for agricultural, marine, construction, industrial, mining, irrigation applications and more
• Ultraviolet inhibitors reduce aging and weather checking
• Made with factory-installed poly weld cuffs
THE PUMP WITH ATTITUDE.

Wastecorp Universal RV Adapter
Allows for quick removal of holding tank wastewater (brown and black) from any recreational vehicle. The Universal RV adapter now features a check valve to prevent backflow, giving you the most sanitary pump out ever.

Ball Valve Lifting Tongs
Never Touch a Check Ball Again!
This heavy duty ball lifter is designed to last a lifetime. Made of heat treated steel with large grip handles, lifting tongs are a valuable tool for any pump operator needing to remove ball valves from Mud-Sucker® B Series™ and DD Series™ (ball valve style) pumps. The extended handle and finely ground points firmly grip the ball to ensure easy and precise removal or adjustment.

A WASTECORP INNOVATION
SUCTION TOOLS
The Pump Mover.
Maneuver any Mud-Sucker® trailer mounted pump without the help of a vehicle.

Always Thirsty
for Debris Laden Liquids.
The Gulper is a sanitary way to remove water, wastewater and debris for industrial facilities, fishing vessels, recreational boats, marinas, hotel and resort properties and much more. Connects to any 1½”-3” hoses and most pump makes.

Simple to Use
Once completed, simply push back on the handle to release the seal.

New! Check Valve
The heavy duty check valve prevents back-flow and improves suction for quick and sanitary fluid transfer.

OUR BEST SELLING ACCESSORIES
SAVE 10% WITH YOUR NEW MUD-SUCKER PUMP ORDER.
MAKE YOUR JOB EASIER.