

Mud Sucker®  
Diaphragm Pumps

# 3FA -M Series

Heavy Duty  
Diaphragm Pumps

3FA-M™

3FA-M-C™

## FEATURES

3" Connection size

Pump up to 80 GPM

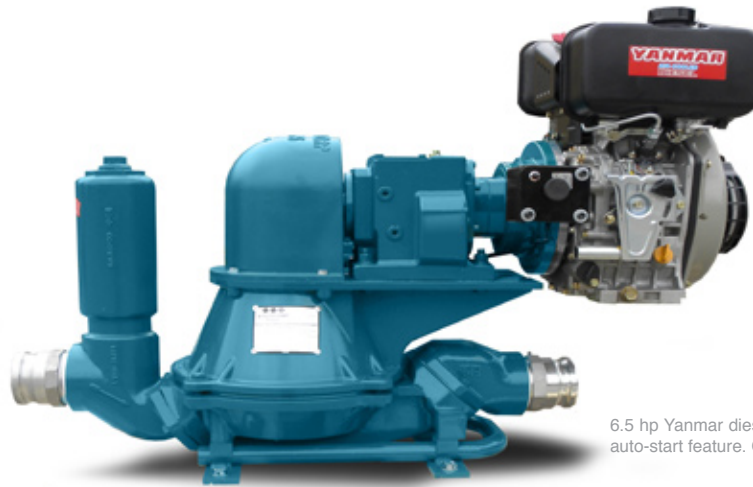
Transfer spherical solids up to  
2 1/4" or 50% by volume

Pump up to 50' vertical or 300'  
horizontal

13" heavy duty diaphragm

6.0/6.5 gas or diesel engines

WASTECORP.  
Pumps®



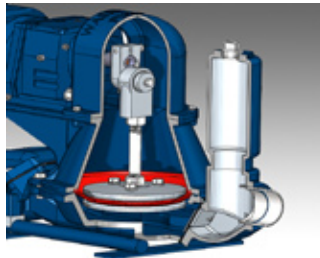
6.5 hp Yanmar diesel engine model shown with auto-start feature. Gas engine also available.

## Power and Performance for The Long Haul.

When considering your outdoor fluid handling application, make sure you have the right equipment to get tough fluids moving along smoothly. The right pump should have advanced components and materials to see your application through from start to finish. Technology is getting smarter and so are the next generation diaphragm pumps from Wastecorp.

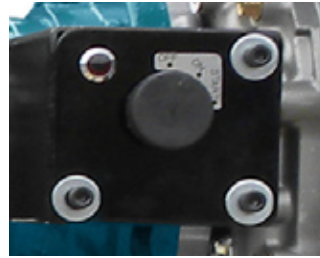
The new Mud Sucker 3FA-M engine driven 3" diaphragm pump features our exclusive **Contoured Velocity Channel** which aids in moving tough fluids through the pump body and enhancing overall performance. We worked with leading chemical companies to offer high wear components like Santoprene® diaphragms and fabric reinforced flapper valves. This helps to move tough fluids while reducing downtime for maintenance. Take your pumping application to the next level with the all new engine driven Mud Sucker 3FA-M.

### Make Pumping Tough Fluids Easier



#### EXCLUSIVE CONTOURED VELOCITY CHANNEL

Only with Mud Sucker pumps do you get an industry exclusive velocity channel that enhances the flow of fluids and reduces clogging.



#### AUTO-START FEATURE

The 3FA-M is available with an optional electronic start feature on most gas and diesel models.



#### DESIGNED FOR THE TOUGH STUFF

Tough fluid handling jobs call for better equipment and the 3FA-M delivers. Plus, you get more attachment options than ever before.

### WHAT THIS MEANS TO YOU.

The pump adapts to your unique fluid handling environment. Experience increased productivity and less downtime.

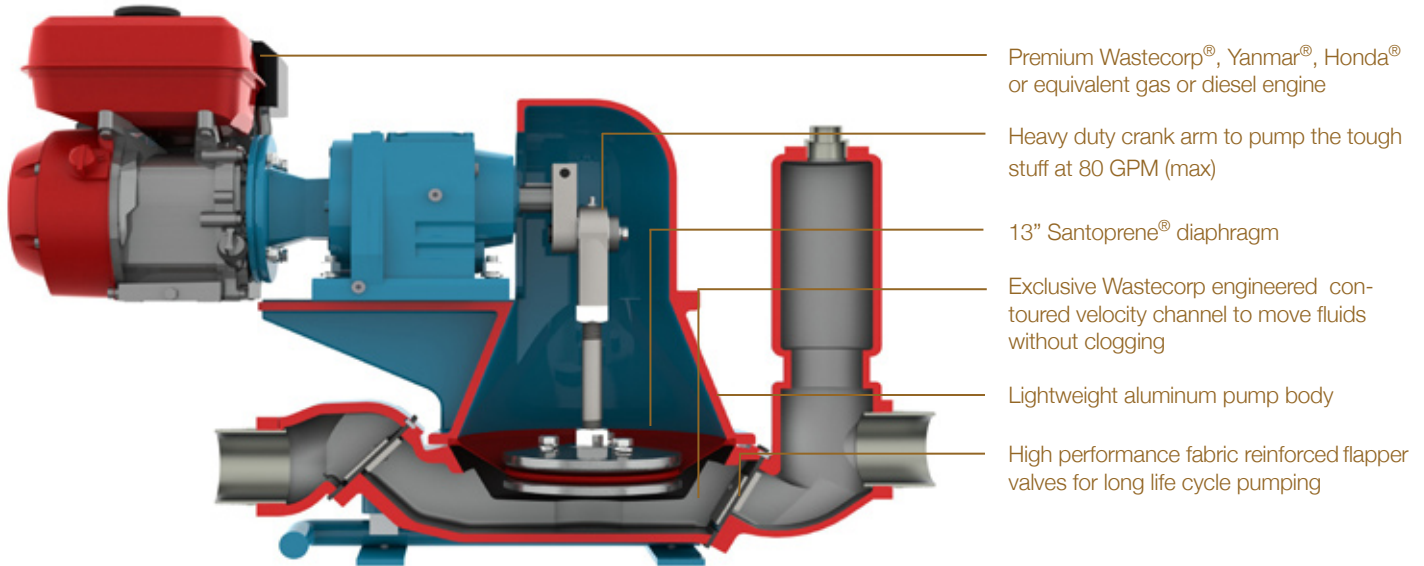
Start your pump out quickly with your choice of gas or diesel engine.

Helps you stay productive with pump technology and attachments designed with you in mind.

MUD SUCKER® DIAPHRAGM PUMPS THE PUMP WITH ATTITUDE.

[wastecorp.com](http://wastecorp.com)

## Mud Sucker® Diaphragm Pumps



Premium Wastecorp®, Yanmar®, Honda® or equivalent gas or diesel engine

Heavy duty crank arm to pump the tough stuff at 80 GPM (max)

13" Santoprene® diaphragm

Exclusive Wastecorp engineered contoured velocity channel to move fluids without clogging

Lightweight aluminum pump body

High performance fabric reinforced flapper valves for long life cycle pumping

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

### Performance Range

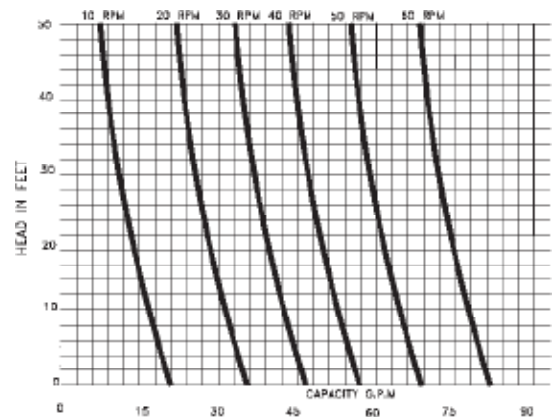
Max. capacity	80 GPM
Max. suction lift	25' vertical or 75' horizontal
Max. discharge head	50' vertical or 300' horizontal
Solids handling	2.250" dia or 50% by volume

### Pump and Motor Specifications

Suction inlet/outlet size	3"x3"
Max. liquid temperature	140 °F (60 °C) continuous
Pump body casing	Marine grade aluminum (ASTM A356, Class 30)
Diaphragm	13" dia TPE Santoprene® Severe duty
Flapper valves	Fabric reinforced Buna-N (viton optional)
Gearbox	Cast aluminum housing with heat treated gears
Hardware	Zinc coated
Rod end bearing body	Cast iron, protective coated for corrosion resistance
Ball bearing	Sintered steel, heat treated, oil impregnated
Ultimate radial static load capacity	9,000 Lbs
Motor specification	6.5 hp, 3600 RPM, gas engine with re-coil start

\* Consult factory if fluid temperature exceeds 140 °F

### Performance Curve



**WASTECORP.**  
**Pumps®**

**OEM Manufacturer**

## Mud Sucker® Diaphragm Pumps

Toll-Free: 1.888.829.2783 Email: [info@wastecorp.com](mailto:info@wastecorp.com)

Mud Sucker 3FA Series pumps are specified for the following industries and applications: Federal and military, agricultural, aquaculture farming, farms, food processing, oil, gas, shale, select chemicals, pulp and paper mills, marine pumping applications, waste oil pumping, landfills, dewatering, biodiesel production, public works and others. Mention your application to your technical support representative at the time of order. Before operating your diaphragm pump, read, understand and follow all instructions in the manual and on the pump. Specifications and programs are accurate at the time of publication but 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

Enhanced pump out productivity with your Mud Sucker can be as easy as adding a few simple accessories. So if you need to suck up dirt and debris, need a mess free pump out, or have a heavier duty dewatering application, the right accessories can enhance your fluid handling one step further.



## GULPER

Take control of your waste clean up with the Gulper suction tool. Fits any Mud Sucker FA Series pump and includes a back flow stop device preventing mess.



## ROLL CAGE

If your 3FA will travel to multiple job sites the lightweight roll cage increases safety and pump protection



## WHEEL KIT

Take your Mud Sucker mobile with heavy duty, light weight wheel kits.



## DISCHARGE HOSE

Available in premium brown or blue in various lengths.



## SUCTION HOSE

Crush proof hosing available for industry specific applications (includes couplings). Variety of lengths available.



## COUPLINGS

Male and female couplings to attach your Mud Sucker to virtually any hose or pump out system.



## STRAINERS

Industry and application specific strainers available in over 100 models.



## PUMP STATIONS

Multi unit pump stations for multiple processes.



## CONTROL PANELS

Complete packaged pump control panel systems for a variety of applications.