

Mud Sucker®
Diaphragm Pumps

2FA-DD
Series

Heavy Duty
Double Diaphragm Pumps

- 1.5FA-EC-DD™
- 1.5FA-M-DD™
- 2FA-EC-DD™
- 2FA-M-DD™

FEATURES

- 1.5" or 2" Connection size
- Pump up to 50 GPM
- Transfer spherical solids up to 1¼" or 50% by volume
- Pump up to 50' vertical or 300' horizontal
- 7" heavy duty diaphragm
- Multiple drive options and industry specific components



A Versatile, Heavy Duty Fluid Transfer Performer.
The New Mud Sucker 2" Double Diaphragm Series.

The Mud Sucker 2FA-DD Series is a heavy a duty double diaphragm pump engineered for dewatering, dredging, waste oil transfer and most multipurpose applications. You have a choice of single or three phase electric gas or diesel drive configurations and a variety of mounting configurations. Select from a variety of piping options and internal pump options for FDA compliant food processing applications.

Performance Range

Max. capacity	50 GPM
Max. suction lift	20' vertical or 75" horizontal
Max. discharge head	50' vertical or 300' horizontal
Solids handling	1.5" 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)
Diaphragm	7" dia. fabric reinforced Buna-N
Flapper valves	Fabric reinforced Buna-N
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 Options:	
Electric (standard)	2HP; 1Ph; 60Hz; 115/208-230V; 1800RPM TEFC constant speed helical gearmotor
Gas	5.5 hp , 3600 GPM , electric start (Wastecorp, Honda GX 160 or equivalent
Diesel	4.6 hp 3600 RPM, Hatz diesel or equivalent



2FA-MDD shown with optional diesel engine with wagon option.
Part # 60891-00

GENUINE OEM MUD SUCKER

OPTIONS & ACCESSORIES

Optional Genuine Add-On Hosing & Fittings

Part Number

Camlock Adapters, Male (Part F)	60477-00
Clear Swing Check Valve, 1.5" FNPT	60521-00
Discharge Lay flat Hose (Blue), Part C&E Camlocks, 1.5" x 50 ft length	60523-00
Non-Collapsible EPDM (Grn/Blk) Hose, Part C&KC Camlocks, 1.5" x 20 ft length	60713-00
Strainer, Sq Hole (Solids), 1.5" FNPT	61075-00
Strainer, Rd Hole (Non-Clog) 1.5" FNPT	60584-00

Optional Mud Sucker Add-On Electrical Accessories

Variable Frequency Drive with Keypad mounted directly on gear motor	Call
Manual Push Starter in NEMA 12 Enclosure with motor protection & pigtail	61492-00
Manual Push E-Stop Button Starter in NEMA 12 Enclosure with overload contactor, transformer & pigtail	61491-00

Optional Genuine Mud Sucker Spare Parts Kits

Flapper Valve Assembly	Call
Basic Spare Parts Kit (Diaphragm & Flappers Only)	61285-00
Comprehensive Spare Parts Kit (Diaphragm, Flappers, Weights and Hardware)	61284-00
Wagon mount kit with handle	60891-00

Mud Sucker® Diaphragm Pumps

Toll-Free: 1.888.829.2783 Email: info@wastecorp.com


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Pumps®
OEM Manufacturer