

De Wall MudMaster



Instructions
Instrucciones

INTRODUCTION

Congratulations on your purchase of a Mudmaster. As a drywall finisher I enjoyed the work except for mixing mud. I dreamed of a power mixer and pump but could not figure out how to get the bearing out of the tank. I knew the bearing would not last running in mud. The Mudmaster eluded me for years. When the solution came to me, I knew that in addition to mixing, the Mudmaster should dispense mud with a dependable rotor stator pump which would spray and fill the tools. The Mudmaster evolved from bolt on accessories to easy to use O-ring attachments. With one mix and pump knob and a simple toggle remote on/off switch the controls were also simplified. As we used the machine, we saw and felt the benefits. There was less back and shoulder fatigue from pumping and mixing, less mess from washing buckets and no splashing while mixing. It was so much more efficient to be able to roll the machine down the halls to the work instead of always having to go back to the buckets to mix the mud and fill the tools. We were able to load the tools, put in a new batch of mud to mix while we kept on working. The Mudmaster with its Rotor Stator Pump is a true production machine. The Mudmaster will spray acoustics, as well as knockdown and fine textures. Spraying is also simplified since the Mudmaster is already with you. We hope you will enjoy this truly versatile and labor saving machine. The Mudmaster is the only machine on the market that was built to be used throughout the entire finishing process. You will realize increased production and profits! **Most profitable results were obtained with 1-4 persons per machine.**

SAFETY WARNING AND PRECAUTIONS

READ ALL THE INSTRUCTIONS PRIOR TO USE

If you are not thoroughly familiar with operations of the MUDMASTER obtain advice from your supervisor, instructor or another qualified person.

1. Keep children away. Persons under the age of 18 should not be in the work area.
2. Be sure all cords are in working condition and properly attached.
3. Operate only on level surfaces.
4. Never leave the machine work area with the Mudmaster plugged into power.
5. Never tow a Mudmaster. The low speed wheels are not highway approved.
6. Stay alert. Do not operate when tired, drowsy or when using drugs or alcohol.
7. Do not overload the mixer. Mix one box of material at a time.
8. Always unplug from the power source before reaching into Mudmaster tank.
9. Never operate with the stand cover off.

OPERATION OF MUDMASTER

Most profitable results were obtained with 1-4 persons per machine.

MIXING

1. Turn both the speed control and the remote to off. Plug into the power source.
2. To mix, face the front of the machine.
3. Firmly grasp the mixer motor with the right hand. Raise the cover to the slot in the handle located on your right. Pivot the cover into the slot.
4. With the beater in the tank, empty one carton of drywall mud into the tank.
5. Pivot the cover back into position. Be sure the hook is behind the alignment rail on the left, lower cover over the beater.
6. Do not force the cover down. Turn the speed control on and off until cover is resting on the tank and beater begins to turn. Turn on and allow the mixer to run several seconds to preliminary mix the mud. See the water guide for suggestions. Add water to desired consistency.
7. Close the lid. Turn the mixer off when mud and water are completely mixed. You are now ready to dispense!

Note: It is very important to clean the mixer drive shaft tube between the mixer motor and the beater spike daily. Keep the vent holes clean and moist.

DISPENSING

CAUTION: Remember the mixer always runs when dispensing!

Insert the screen (except for spraying) into the desired attachment then connect to the outlet tube. Turn the speed control to the desired delivery speed.

CAUTION: To prevent accidents, always turn the machine to off when returning mud from the tools to the machine.

THE AUTOMATIC TAPER

Place the automatic taper on the gooseneck. Attach the remote to the panel. Set the remote panel toggle switch to on. Set speed control to desired fill speed. Place remote in the end of the automatic taper. Press lightly when filling, when full the remote will pop out and the Mudmaster will stop.

SPRAYING

Attach the 1" material hose and remote cord to machine. Attach the air hose to your compressor. Set the control panel remote toggle switch to on. Turn the switch at the gun to off. Set the speed control to the desired delivery speed. Turn on the switch at the gun to spray.

The Mudmaster with its Rotor Stator Pump is a true production machine. With 50F of 1" hose, the machine will spray a variety of textures. The pole gun shows its versatility from fine spray to knockdown and acoustic. Pistol type guns also work well as the remote switch is located on the hose. Your air supply will be important. Compressor should maintain 80 lbs., when air control valve on the spray gun is open. 5.5 hp Gas Torpedo type works well.

CLEANING

DO NOT USE PRESSURE WASHERS ON THE MUDMASTER.

Disconnect from power source. Disconnect mixer power cord from control panel. Remove cover and beater, protect motor from direct spray and wash with water. **Flush drive shaft between beater and motor thoroughly.** Set cover aside. Wash the beater. Wash exterior of machine protecting pump motor and control panel (although sealed) from direct spray. Tip machine forward on the base stand and tank. This will allow the tank to drain while washing the interior. Leave mud in the pump and pump inlet at the bottom of the tank. (Taping mud is the pump lubricant).

Never put petroleum based products in the pump. Damage will occur.

STORAGE

When storing for a few weeks or less, leave mud in the pump and exit tube. For extended storage periods, clean the machine thoroughly. Flush the pump and exit tube with water until clear. Mix 1 bottle of Mudmaster pump lube with 1 gallon of water (may be ordered online). Circulate through the pump. Pour off excess. (Pump lube may be reused)

MAINTENANCE

AFTER 2-3 YEARS OF USE:

1. Grease wheels.
2. Remove front stand cover and place small amount of grease on the chain. Adjust the chain by loosening the 4 motor bolts. Slide the motor to adjust. Chain should be snug but not tight. Tighten the bolts and replace cover.

TRANSPORTING

1. Always transport in the upright position.
2. If possible use a Mudmaster Carrier to transport machine.
3. When loading or unloading from a vehicle do not over lift, Get help.

TROUBLESHOOTING

MUD DELIEVERY SLOW:

1. Clean the screen in the outlet attachment.

MOTOR WILL NOT RUN:

1. Check power cords.
2. Power indicator light on back of the control panel will light when receiving power.
3. Check reset fuse button on the bottom of the control panel.

PUMP DOES NOT TURN AND FUSE BLOWS:

1. Unplug from power source.
2. Clean and inspect the tank and pump areas for problems.
3. Remove front stand cover.
4. Check the drive chain for alignment. With mud in the pump, turn the bearing shaft with a socket or wrench clockwise only, until free. Replace the cover and restart.

Do not use a pipe wrench to turn the motor shaft. Damage to the motor will result. Do not remove motor drive shafts. Motor damage will result.

**Call: 1-877-MUDMASTER
(683-6278)**

WARRANTY

Contact Mudmaster for parts removal and shipping instructions.

(877) 683-6278 or www.mudmaster.com

Mudmaster warrants this machine shall be free from electrical and mechanical defects for a period of one year from date of original purchase from an authorized dealer.

Mudmaster shall replace or repair the part at its option, without charge, subject to the terms of this warranty. This warranty does not apply to accidental damage, normal wear and tear, abuse, misuse, improper maintenance, tampering, shipping damages, power cords, tires, pump damage from petroleum products or other items or products other than premixed drywall mud. Purchaser is responsible for shipping and handling of any defective part to Mudmaster. Mudmaster will pay freight to return the repaired or replaced part.

Mudmaster, Inc.
1138 Lehner Ave
Escondido, CA 92026
Ph: (877) 683-6278
Fx: (760) 741-3092

Also, Mudmaster offers an extended warranty – call for details

**MUDMASTER
WATER GUIDE FOR BOX MUD**

**WATER GUIDE IS APPROXIMATE – VARIES WITH MANUFACTURES
AND BATCHES OF MATERIAL**

TAPER	FLAT	7 CUPS	1.66 LITERS
	ANGLES	9 CUPS	2.13 LITERS
SKIM	1ST COAT	4 CUPS	0.95 LITERS
	2ND COAT	5 CUPS	1.18 LITERS
NAILS	1ST COAT	3 CUPS	0.71 LITERS
	2ND COAT	3 CUPS	0.71 LITERS
METAL	1ST COAT	1.5 CUPS	0.35 LITERS
	2ND COAT	3 CUPS	0.71 LITERS
SPRAY	KNOCKDOWN	10 CUPS	2.37 LITERS
	LIGHT SPRAY	16 CUPS	3.78 LITERS

SUGGESTION – MEASURE WATER & MARK A COFFEE CAN

SPECIFICATIONS

110/120 Volts AC	50/60 Hz	RPM
Mixer Motor:	2.9 Amps DC at max load	60
Pump Motor:	4.3 Amps DC at max load	NA

Dimensions:

H = 47.5"
W = 21.5"
L = 21.5"

Dry Weight: 97LB

Axle Diameter: 5/8
Wheel: 16" Flat Free (wheel barrow type)
Tank Capacity: 7 gal
Outlet Tube: 1"