

ELECTRAK 7

Dual 1.5 HP Motors

- Installation**
- Operation**
- Maintenance**

**Meyer Machine & Equipment, Inc.
351 Main Street
Antioch, IL 60002**

**(800) 728-3828
(847) 395-2970
(847) 395-2972 Fax
www.meyermachine.com**

ELECTRAK 7

I.O.M. MANUAL

Safety:

- Do not operate this equipment until you have read this manual and fully understand the machines' operation.
- Never operate the vacuum without a hose on the inlet.
- Never operate the vacuum without the side panel of the fan housing mounted and the filters in place.
- Never place your hands, arms or any body parts near the fan inlet or discharge while the fan is in motion. The fan can cause severe and permanent injuries to bodily parts.
- Never attempt any maintenance while the fan is rotating.
- Prior to any maintenance, push the red stop push button and remove the plug from the wall. This will eliminate the possibility of accidental start up.
- Exercise caution when moving your vacuum up & down ramps. The modules of this machine weigh in excess of 150 lbs. and can cause injury if moved improperly.
- Do not transport the vacuum without properly securing the vacuum in your vehicle.
- Do not continue to operate a vacuum that has an out of balance condition. This will be apparent by the machine shaking violently. Operating a machine that is out of balance could result in damage to the machine or injury to the operator.
- Never operate the machine unless you are 100% familiar with how to stop the vacuum.

ELECTRAK 7

I.O.M MANUAL

Installation:

Upon receipt of your power vacuum and equipment, double check your packing list against the actual materials received. Note any discrepancies and/or damage to the freight on the trucker's freight bill. Any claims will have to be processed through the freight company and they will require documentation.

Unpack your **ELECTRAK 7** power vacuum using caution not to damage the machine. Each module is packaged separately. As you unpack each box check the items off on your packing slip to insure you received everything that is listed

Your machine is made up of 3 separate modules; a pre-filter module, blower module and a hepa module. These units are all designed to connect together to form the **ELECTRAK 7**. Roll the blower module up to the back of the pre-filter module and latch the 4 spring loaded clamps. Then roll the hepa module up to the back of the blower module then latch the 4 spring loaded clamps.

ELECTRAK 7

I.O.M MANUAL

Operation:

Prior to operating your **ELECTRAK 7** power vacuum, there are a few necessary points that must be checked.

- Machine is properly plugged in
- Inlet hose is firmly in place
- Filters are all installed
- Pre-filter module is clamped on
- Make sure you know how to stop the machine

NOTE: Never operate your vacuum without proper inlet connections.

Once you have checked the items above, you are ready to proceed with starting the vacuum.

The standard **ELECTRAK 7** requires 115 volts single phase power with two 15 Amp circuits. The unit is supplied with 2 separate cords with plugs on them. You must plug each cord into an outlet that is on a separate circuit from the other. Each motor will draw 15 Amps and therefore they must be on separate circuits.

Press the green start button; this will engage the start circuit and the motors will run. If either the primary module or the HEPA module is unclamped then the safety switch will shut down the motor. NEVER operate the machine without having the modules properly clamped together. When both cords are plugged in, your machine is ready to start. Turn the speed control dial down to 0 so that the machine will start at the lowest speed. When the vacuum comes up to speed, you may increase the speed while watching the ammeter to not exceed the 15 amp circuit that the machine is plugged into. If you are plugged into 20 Amp circuits, then you can run the machine up to 19 Amps.

To shut down the vacuum, press the stop button, and then remove the plugs from the wall outlets. This will eliminate the possibility of the machine re-starting.

ELECTRAK 7

I.O.M MANUAL

Maintenance:

Your **ELECTRAK 7** power vacuum, as well as the rest of your equipment, will last for many years if properly maintain the equipment.

**NOTE: ALWAYS FOLLOW THE SAFETY GUIDELINES AS OUTLINED.
READ PAGE 1 OF THIS MANUAL PRIOR TO DOING ANY MAINTENANCE.**

The pressure gauge on your **ELECTRAK 7** is measuring the total vacuum. By reading this and analyzing the readings we can determine when to change the filters. You should remember that the machine with all new filters will produce approximately 3.6" H₂O static pressure. As each of the filters start to load up with material the pressure will begin to climb. By changing the filters on a regular basis you will be changing the less expensive pre-filters and you will be prolonging the life of the more expensive filters.

The spare filters for your machine are:

	<u>Part No.</u>
Pre-Filter disposable bag	GBD005
Secondary Filter 231/2" x 231/2" x 22" bag, 95% efficient	FTB024
Hepa Filter 231/2" x 231/2"x111/2" Hepa	FTH024

On the following page there is a wiring diagram that indicates how the motor and control panel are interfaced together. Do not attempt to open the control panel unless you are qualified to do such work.

DO NOT OPEN THE CONTROL PANEL UNLESS YOU ARE QUALIFIED TO WORK ON ELECTRICAL CONTROLS.

If your vacuum shuts itself down, it is probably because you overloaded the motors starter. Check your power source to make sure that you have 115 Volts of power with at least a 15 Amp circuit available. Unplug the machine to make sure there is no power to the control panel. Make sure that the control panel is closed and the screws tightened. Reconnect the power cord to the power source. Make sure you have the HEPA module and the primary filter module in place, then go ahead and press the green pushbutton to restart the machine.

NOTE: All warranty repairs must go through Meyer Machine & Equipment, Inc. prior to any service work being done. Work not authorized by Meyer Machine will not be covered under warranty.