

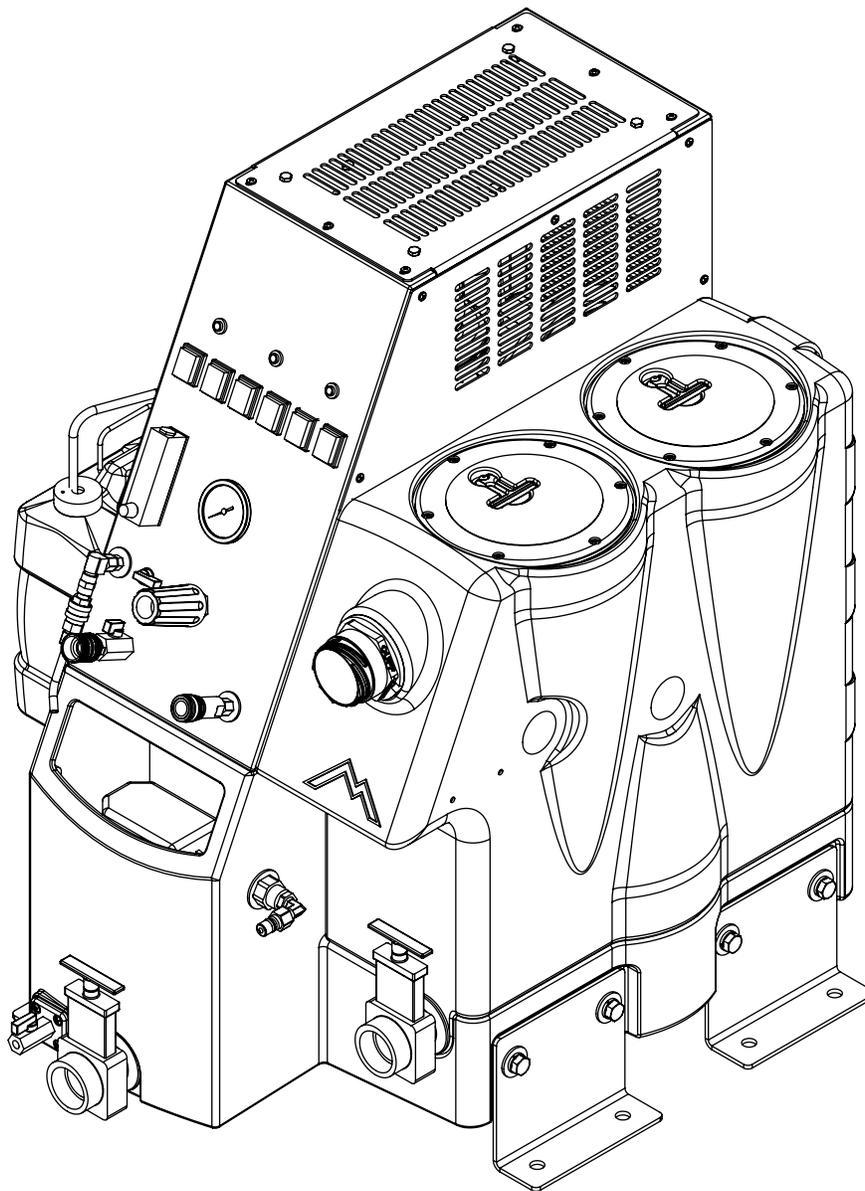


User Manual

# Escape<sup>®</sup> Plus

Model:  
ETM-LX-PLUS

REV. 2/16/23



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# Introduction

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***Dear Customer:***

Congratulations on the purchase of your new Escape® Plus Electric Truckmount. As technology continues to develop you can work confidently knowing that both Mytee and its employees are equally dedicated to developing with the industry and its advances.

Like any other piece of machinery or technology, the Escape® Plus also requires proper maintenance and care to keep the product working over extended use. Neglecting your machine, abusing it or not operating it properly can void its warranty and prevent the machine from performing to the quality and standard you'd expect out of the Mytee line.

If you have any warranty concerns or questions, please review this manual thoroughly or do not hesitate to contact your distributor. If there are questions regarding maintenance, replacement, or ordering parts please contact an authorized Mytee Service Center. To see an updated list please visit our website at <https://www.mytee.com/support/find-distributors/>.

Before using your Mytee product, please read this manual thoroughly.

*Sincerely,  
Mytee Customer Care Dept.*

	<b>Important Safety Information</b> .....	<b>4</b>
<b>1</b>	<b>At a Glance</b> .....	<b>6</b>
	1.1 - Technical Specifications.....	<b>6</b>
	1.2 - Included with the Escape® Plus .....	<b>6</b>
	1.3 - Escape® Plus Front View.....	<b>7</b>
	1.4 - Escape® Plus Rear View.....	<b>8</b>
	1.5 - Escape® Plus Switch Plate.....	<b>9</b>
<b>2</b>	<b>Machine Operation</b> .....	<b>10</b>
	2.1 - Powering the Escape® Plus .....	<b>10</b>
	2.2 - Connecting Vacuum & Solution Hoses .....	<b>10</b>
	2.3 - Transfer Pump and Auto-Fill.....	<b>10</b>
	2.4 - Chemical Injection .....	<b>10</b>
	2.5 - Using the Pump-Out .....	<b>10</b>
	2.6 - Operating the Escape® Plus .....	<b>11</b>
	2.7 - Emptying the Solution and Recovery Tanks.....	<b>11</b>
	2.8 - Preparing for Freezing Weather .....	<b>11</b>
<b>3</b>	<b>Machine Maintenance</b> .....	<b>12</b>
	3.1 - Opening the Unit for Maintenance .....	<b>12</b>
	3.2 - System Maintainer .....	<b>12</b>
<b>4</b>	<b>Troubleshooting</b> .....	<b>13</b>

# Important Safety Information

Please read and understand this manual completely before operating this machine.

## Grounding Instructions

This machine must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electrical shock. This machine is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed in accordance with all local code and ordinances. Do not remove ground pin; if missing, replace plug before use.



**DANGER**

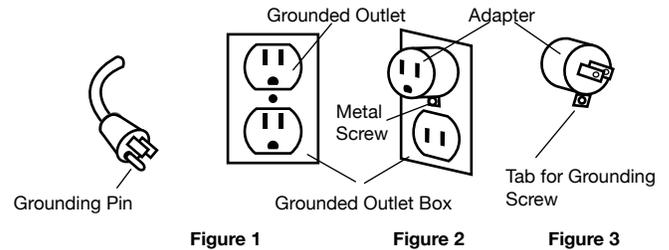
Improper installation of the equipment-grounding conductor can result in a risk of electric shock. Be sure to check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. If the plug will not fit in the outlet do not modify the plug or the machine's cord, instead have a proper outlet installed by a qualified technician.

This machine is for use on a nominal 120-volt circuit and with a grounding plug similar to the one in Figure 1 below. If a proper outlet is not available, follow the illustrations of Figure 2 & 3 to install a temporary-grounding plug. This temporary work-around should be used only until a proper outlet (Figure 1) can be installed by a qualified electrician. When and if this type of adapter is employed, screw the adapter's extended tab into place with a metal screw. However, grounding adapters are not approved for use in Canada.

Again, be sure to check the grounding pin for damages and replace if necessary.

The Green, or Green-Yellow, wire in the cord is the grounding wire. When replacing a plug, this wire must be attached to only the grounding pin.

DO NOT use extension cords.



Please Note for America use only.

## Parts and Service

Please contact Mytee service personnel or a Mytee authorized Service Center using Mytee original replacement parts and accessories if repairs need to be performed. When and if calling Mytee for support, please have your Model and Serial Number available for faster assistance.

## Name Plate

The Model and Serial Number are located on the lower half of the back of the machine near the power plug and will be required for ordering replacement parts. You can use the space provided in this manual to note down both for future referencing.

## Unpacking the Machine

When your new machine is delivered, please carefully inspect both the shipping carton and the machine for damages. If damage is evident, save both the shipping carton and machine so that the delivering carrier can inspect it. Contact the carrier immediately to file a freight claim if there has been any damage.

## Caution and Warnings

### Symbols

Mytee uses the symbols below to signal potentially dangerous conditions. Always read this information carefully and take the necessary steps to protect personnel and property.



**DANGER**

Is used to warn of immediate hazards that will cause severe personal injury or death.

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# Important Safety Information



## WARNING

Is used to call attention to a situation that could cause severe personal injury.



## CAUTION

Is used to call attention to a situation that could cause minor personal injury or damage to the machine or other property. When using an electrical appliance, basic precautions should always be followed, including the following: Read all instructions before using this machine. This product is intended for commercial use only.

### To reduce the risk of fire, electrical shock, or injury:

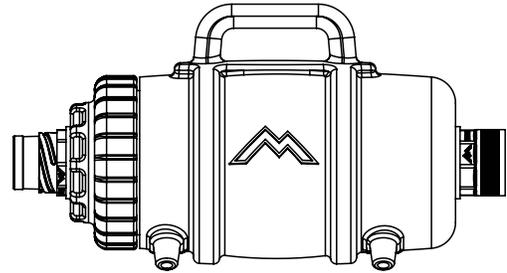
1. Read all instructions before using equipment.
2. Use only as described in this manual. Use only manufacturer's recommended attachments.
3. Always unplug power cord from electrical outlet before attempting any adjustments or repairs.
4. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
5. Do not pull or carry by cord. Do not close a door on cord or pull cord around sharp edges or corners.
6. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not use with damaged cord or plug. If cord is damaged, repair immediately.
8. Do not use outdoors or on wet surfaces and/or standing water.
9. Always unplug or disconnect the appliance from power supply when not in use.
10. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
11. Do not use in areas where flammable or combustible material may be present.
12. Do not leave the unit exposed to harsh weather elements. Temperatures below freezing may damage components and void warranty.
13. Use only the appropriate handles to move and lift unit. Do not use any other parts of this machine for this purpose.
14. Keep hair, loose clothing, fingers, and all parts of the body away from all openings and moving parts.
15. Use extra care when using on stairs.
16. To reduce the risk of fire or electric shock, do not use this machine with a solid-state speed control device.
17. The voltage and frequency indicated on the name plate must correspond to the wall receptacle supply voltage.
18. When cleaning and servicing the machine, local or national regulations may apply to the safe disposal of liquids which may contain: chemicals, grease, oil, acid, alkalines, or other dangerous liquids.
19. Do not leave operating unattended.

# 1 - At a Glance

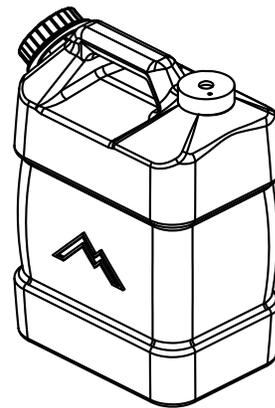
## 1.1 - Technical Specifications

<b>Solution Tank</b>	12 gallon capacity
<b>Recovery Tank</b>	12 gallon capacity
<b>Vacuum Motors</b>	Three exclusive Mytee® LX™ Vacuum Motors - 350 CFM, 17.5 in. Hg (approx.)
<b>Solution Pump</b>	1,200 PSI piston pump (regulated to 1,000 PSI), 2.2 GPM
<b>Pump-Out</b>	3.5 GPM
<b>Power Cord</b>	Single 5' 4-prong dryer plug
<b>Amp Draw</b>	30 amps @ 230V 60Hz
<b>Product Weight</b>	190 lbs.
<b>Product Dimensions</b>	37" x 25.5" x 38.5"

## 1.2 - Included with the Escape® Plus

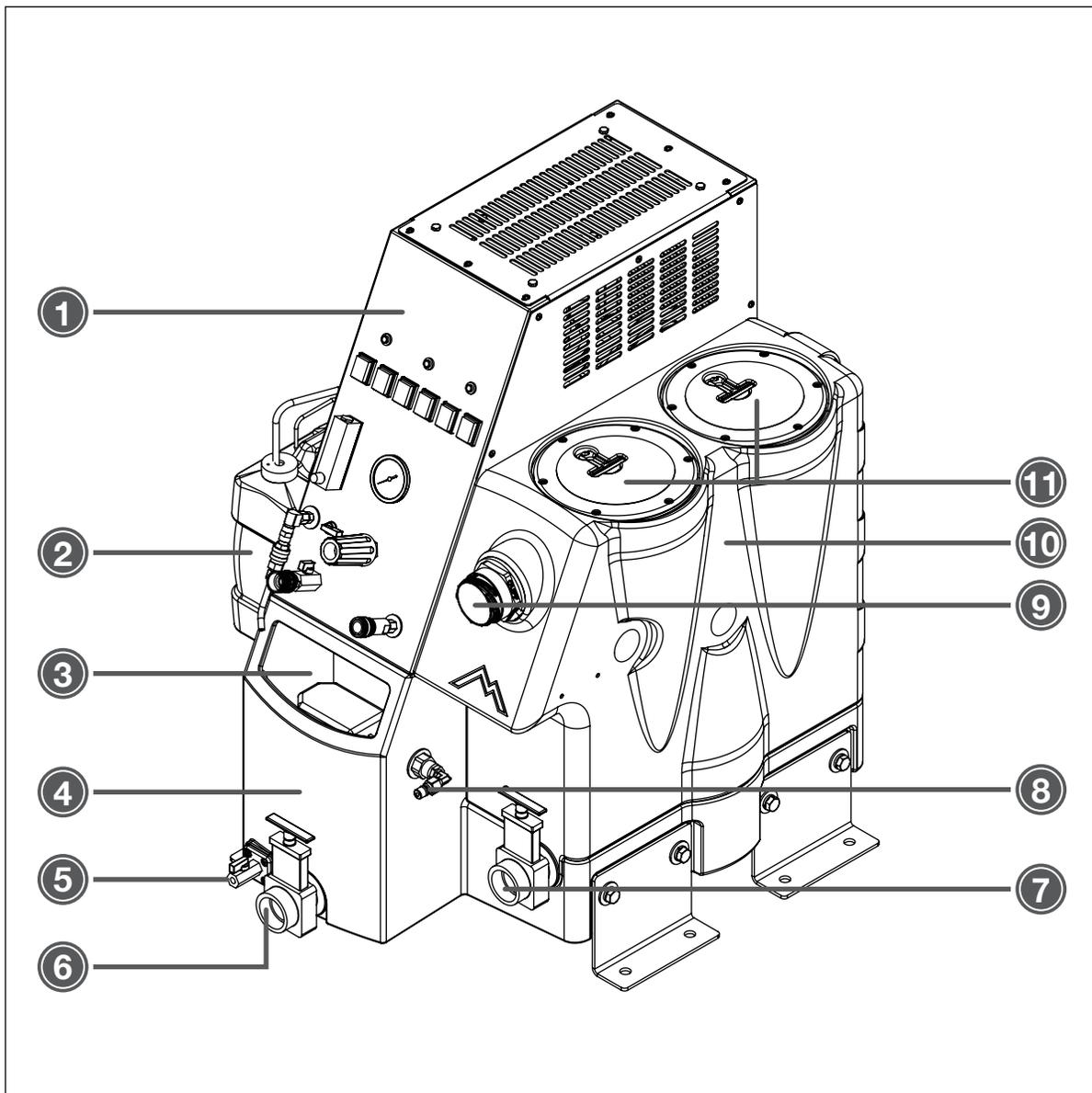


**F200 Lint Hog™ In-Line Filter**



**7 qt. Big Mouth™ Bottle**

## 1.3 - Escape® Plus Front View

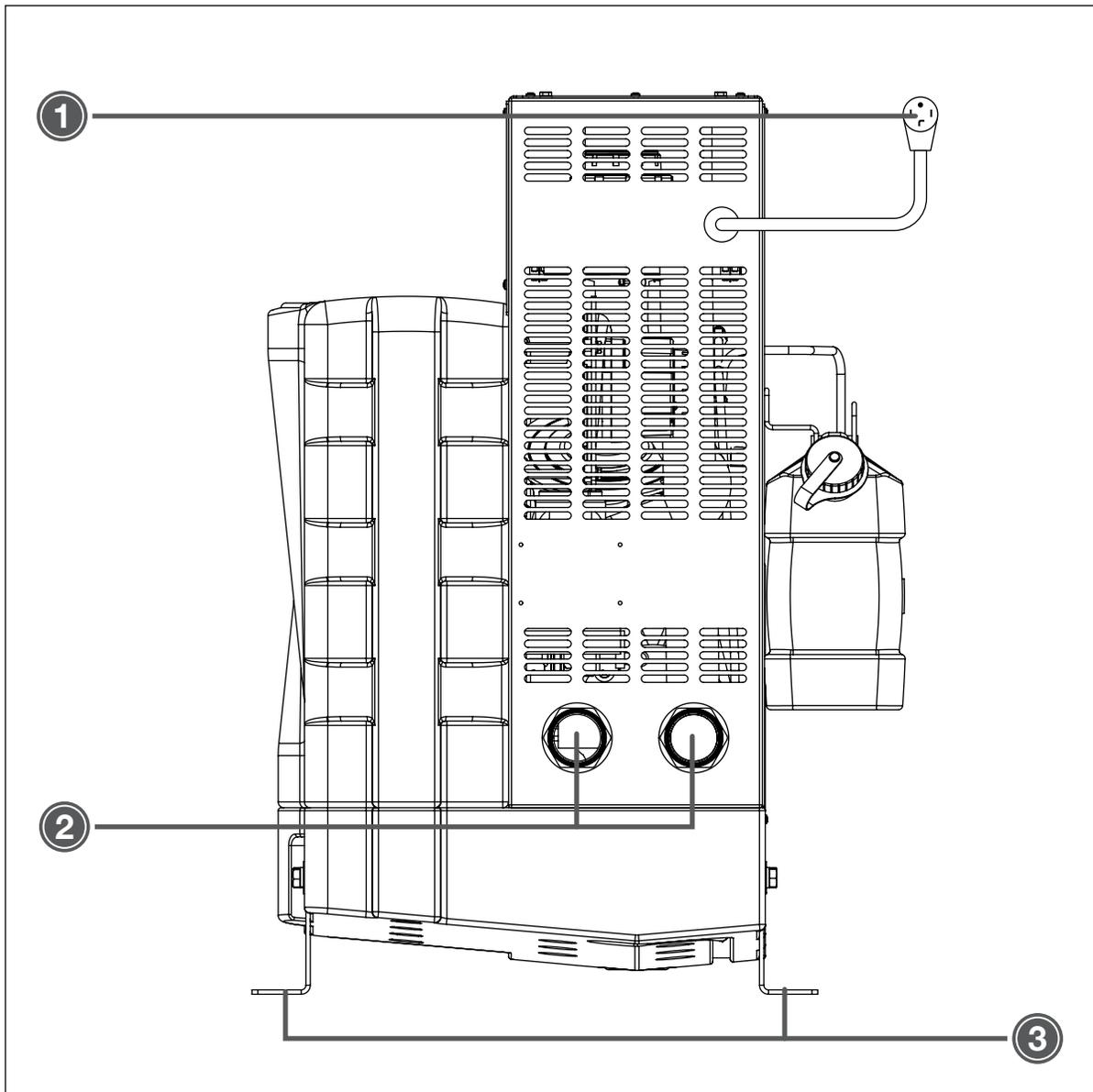


1. Switch Panel (see pg. 9)
2. 7 qt. Big Mouth™ Bottle
3. Solution Tank Opening
4. 12 Gallon Solution Tank
5. Winterizing Pump Drain Valve
6. Solution Tank Drain Valve

7. Recovery Tank Drain Valve
8. Auto Fill Hose Connection
9. Vacuum Hose Connection
10. 12 Gallon Recovery Tank
11. Recovery Tank Lids

# 1 - At a Glance

## 1.4 - Escape® Plus Rear View

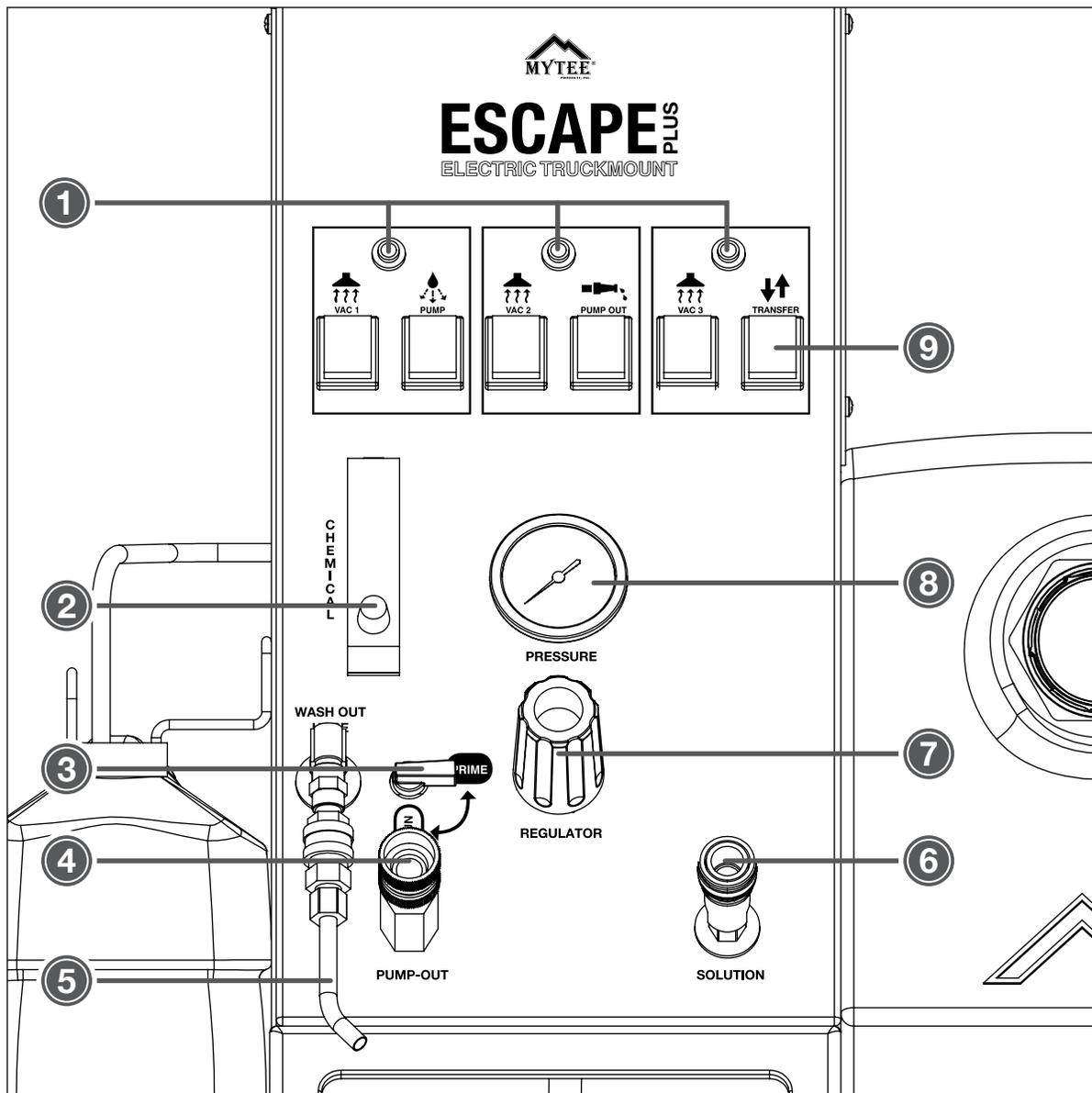


1. 5' Power Cord with 4-Prong Dryer Plug

2. Vacuum Exhaust Ports

3. Mounting Feet

## 1.5 - Escape® Plus Switch Plate

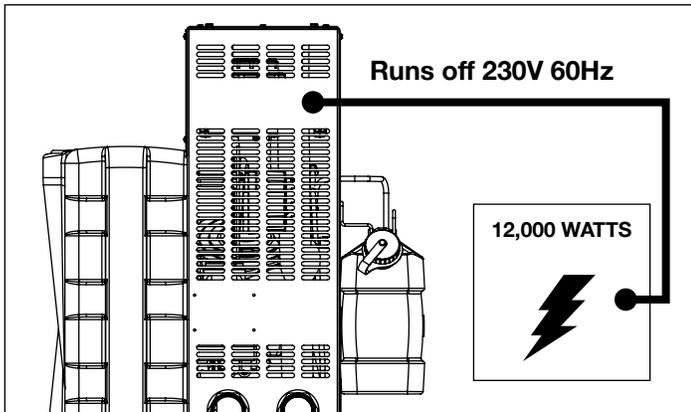


1. Circuit Breakers
2. Chemical Injection Knob
3. Prime Valve
4. Pump-Out Hose Connection
5. Wash Out Hose

6. Solution Hose Connection
7. Pressure Regulator
8. Pressure Gauge
9. Auxiliary Switch for 115V Transfer Pump

## 2 - Machine Operation

### 2.1 - Powering the Escape® Plus

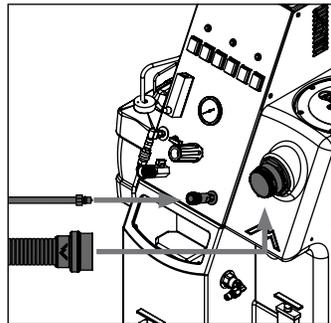


The Escape® Plus is designed to be mounted in a van and powered by a generator. The Escape® Plus runs off a minimum of 8,625 watts, however, Mytee recommends running the machine off a 12,000 watt generator.

The Escape® Plus requires a 230V 60Hz power source capable of providing 30 amps. ♦

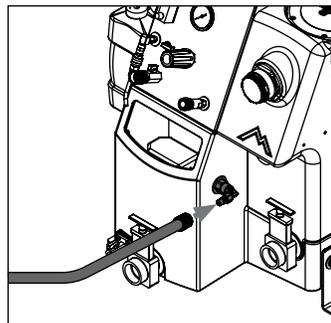
### 2.2 - Connecting Vacuum & Solution Hoses

The Escape® Plus features a 2" Cuff-Lynx™ vacuum hose connection as well as a standard 1/4" quick disconnect fitting for solution hoses. ♦

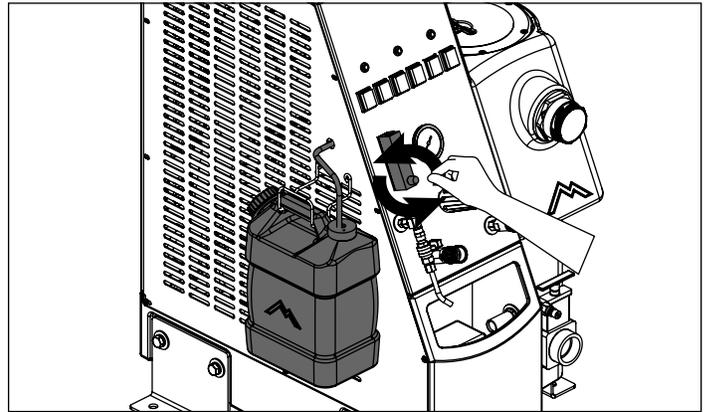


### 2.3 - Using the Auto-Fill

The auto-fill fitting is on the front of the machine just to the right of the solution tank opening. To use the auto-fill, just connect a garden hose to the auto-fill fitting and turn on the water. The float will shut off the auto-fill when the tank is full. ♦



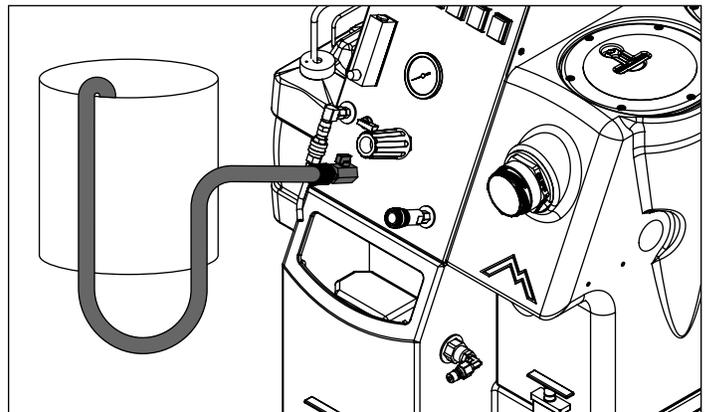
### 2.4 - Chemical Injection



Fill the included 7 qt. bottle with chemical concentrate of your choice. With a cleaning tool connected, switch on the pump and pull the trigger on your tool to keep water flowing. Turn the chemical injection knob counter-clockwise to open the valve. This allows chemical to siphon into the line. Turn the knob until you see the bubble reach the desired gallons per hour of chemical. Follow chemical manufacturer's instructions for correct ratio.

**IMPORTANT:** If chemical injection will not be used, make sure the chemical injector is closed by turning the knob all the way clockwise. ♦

### 2.5 - Using the Pump-Out



Connect a garden hose to the pump-out fitting on the front of the machine. The other end of the hose can be placed in a holding tank for recovered water. Switch on the **PUMP-OUT** and open the ball valve. Recovered water

## 2 - Machine Operation

will automatically be pumped from the Escape® Plus's recovery tank to your holding tank. ♦

### 2.6 - Operating the Escape® Plus

#### The Switch Plate:

**VACUUMS:** These switches control each vacuum motor individually.

**PUMP:** This switch controls the solution pump.

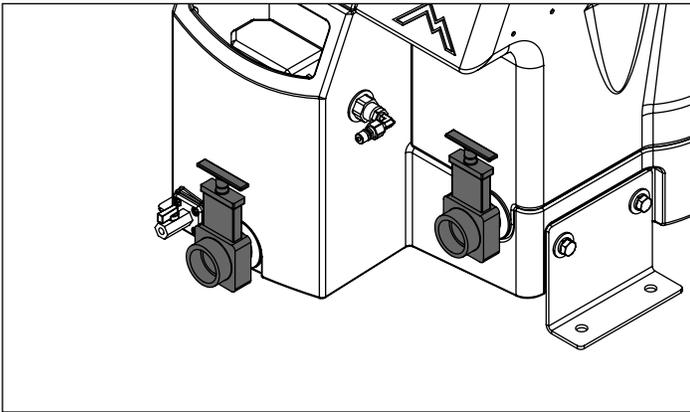
**PUMP-OUT:** This switch controls the auto pump-out.

**TRANSFER:** This switch controls the Transfer Pump (if installed).

#### Adjusting the Solution Pump PSI:

Turn the pressure regulator clockwise to increase the PSI (up to 1,000) and twist counter-clockwise to decrease PSI. ♦

### 2.7 - Emptying the Solution and Recovery Tanks

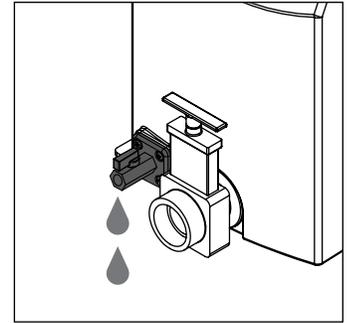


The Escape® Plus features tank drain valves on the recovery and solution tanks. The pump-out can also be used to empty the recovery tank. ♦

### 2.8 - Preparing for Freezing Weather

**Read this if you're in a cold climate.**

Freezing temperatures can cause damage to the internal components of the Escape® Plus if there is excess water in the system. If freezing temperatures are expected, be sure to drain all the water from both tanks and use the winterizing pump drain valve on the front of the machine to drain any excess water from the pump. ♦



# 3 - Machine Maintenance

In order to keep the Escape® Plus running smoothly and reduce the risk of damage to the machine and subsequent downtime, Mytee recommends following the maintenance schedule below:

Maintenance Item	Daily	Weekly
Clean and inspect tanks.	X	
Clean and inspect hoses.	X	
Check and clean internal filters.	X	
Check power supply cables.	X	
Clean machine with all-purpose cleaner and cloth.	X	
Check spray nozzles.	X	
Flush solution system with Mytee System Maintainer.		X
Run clean water through the chemical injection system.		X
Inspect vacuum hoses for holes and loose cuffs.		X
Inspect machine for water leaks and loose hardware.		X

## 3.1 - Opening the Unit for Maintenance

To open your Escape® Plus for maintenance, make sure the 7 qt. bottle is removed and, with a Phillips screwdriver, remove the screws holding the side panel on. Place the side panel off to the side. ♦

## 3.2 - System Maintainer

Weekly flushing of the solution system with Mytee® System Maintainer helps keep lines clean and prevents chemical build-up, improving pump life, performance and pressure.

### How to use System Maintainer:

1. Mix 1-quart 3601 System Maintainer with 1-quart of warm water.
2. After thoroughly mixing, pour this solution into the

solution tank.

3. Turn the pump on and run solution through your cleaning tool. NOTE: The jet should be removed from the cleaning tool in order to prevent clogging due to loosening of deposits in line.
4. After running all of the solution through the machine, fill the tank with clean, warm water. Run the water through the machine to clear the solution completely out of the tank & lines. ♦

## 4 - Troubleshooting

Issue	Possible Cause	Solution
Machine is not turning on.	Power cord unplugged.	Plug the power cord into a grounded 20 amp outlet.
	Circuit breaker tripped.	Reset breaker in.
	Faulty switch or power cord.	Contact a Mytee Service Center.
Vacuum not producing suction.	Vacuum tank is full.	Empty vacuum tank.
	Vacuum hose blockage.	Check for blockages in vacuum hoses inside and outside machine.
	Clogged filter in vacuum tank.	Clean out filter regularly.
	Hose cuffs are loose and causing air leakage.	Tighten all hose cuffs regularly as may loosen over time.
Blows water out exhaust.	Lid on tank is loose and is causing air leakage.	Make sure the lid is tight.
	Foam building up inside vacuum tank.	Use a defoaming solution in vacuum tank.
Vacuum makes loud grinding noise.	Debris has been sucked into the vacuum motor chamber. Usually results from dry vacuuming.	Replace the vacuum motor. To avoid repeat problem, DO NOT dry vacuum with your extractor.
Pump is running but there is no spray.	Empty tank.	Fill the tank.
	Blockage or kink somewhere in the line.	Locate where the blockage is and repair accordingly.
	Pump valves are clogged or damaged.	Examine valves and clean or replace.
Low PSI.	Worn nozzle.	Replace nozzle with a new one of the same size.
	Leak in high pressure hose or connections.	Check hose and connections. Replace as needed.
	Filter is clogged.	Clean filter.
	Pump valves are clogged or damaged.	Examine valves and clean or replace.
Pump pulsated when spraying.	Filter is clogged.	Clean filter.
	Pump valves are clogged or damaged.	Examine valves and clean or replace.
Pump motor does not operate.	Blown circuit breaker.	Replace circuit breaker. Check circuit for wire or component damage.
Leaks seen under pump	Pump seals are worn.	Replace with new plunger and seals.
No water flow from pump-out.	Filter is clogged.	Clean the filter.
	Kinked hose inside the machine.	Open the machine and check hoses. If any hoses are kinked, undo the kink.
Pump-out doesn't turn on.	Obstructed float switch.	Check float switch. Clear any obstructions.
	Clogged pump.	Clean around the pump-out with clean water.

# NOTES



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