## Instructions for <br> 20-110 Deluxe Prep-Centerm

## MYTEE

## A

Please read before use.

STOP

Register your product at http://www.mytee. com/supportregister

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$\qquad$

Serial \# $\qquad$
Form \# ADP-20-110

## Dear Customer:

Congratulations on the purchase of your new 20-110 Deluxe Prep-Center ${ }^{\text {TM }}$. As you are already aware, the scene of the equipment world is becoming more high tech, and we at Mytee Products Inc. strive to keep you on the cutting edge with superior quality and technology.

Keep in mind that 20-110 Deluxe Prep-Center ${ }^{T M}$ is a machine, so neglect or abuse will cause unnecessary damage and void the warranty. However with simple maintenance the 20-110 will give quality performance for many years to come.

If warranty questions arise, please consult your user manual or get in touch with your distributor. If you have questions about maintenance, replacing parts or ordering parts, please call an authorized Mytee Products Inc. Service Center. To see an updated list, visit our website at www.mytee.com

Before you begin cleaning, please read your manual thoroughly.
Sincerely,
Mytee Customer Care Dept.

## Grounding Instructions

This machine must be grounded when being recharged. If it should malfunction or breakdown, 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 connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the machine. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120 -volt circuit, and has a grounding plug that looks like the plug illustrated in Figure 1 below. A temporary adapter illustrated in Figures 2 and 3 may be used~to connect this plug to a 2-pole receptacle as shown in Figure 2 if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (Figure 1) can be installed by a qualified electrician. The green colored rigid ear, tab or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw. Grounding adapters are not approved for use in Canada.

Replace the plug if the grounding pin is damaged or broken.
The Green (or GreenYellow) wire in the cord is the grounding wire. When replacing a plug, this wire must be attached to the grounding pin only.

DO NOT use extension cords.
Please Note for America use only



Grounded Outlet Box


Tab for Grounding Screw

Figure 1
Figure 2
Figure 3

## Parts and Service

Repairs, when required, should be performed by Mytee service personnel or Mytee authorized Service Center using Mytee original replacement parts and accessories. Call Mytee for repair parts or service. Please specify the Model and Serial Number when discussing your machine.

## Name Plate

The Model and Serial Number of your machine are shown on the Nameplate on the back panel of the machine. This information is needed when ordering repair parts for the machine. Use the space provided on the front cover to note the Model and Serial Number of your machine for future reference.

## Unpacking the Machine

When the machine is delivered, carefully inspect the shipping carton and the machine for damage. If damage is evident, save the shipping carton so that it can be inspected by the carrier that delivered it. Contact the carrier immediately to file a freight damage claim.

## 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.


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.

## WARNING

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.
10. Do not use in areas where flammable or combustible material may be present.
11. Do not leave the unit exposed to harsh weather elements. Temperatures below
freezing may damage components and void warranty.
12. Use only the appropriate handles to move and lift unit. Do not use any other parts of this machine for this purpose.
13. Keep hair, loose clothing, fingers, and all parts of the body away from all openings and moving parts.
14. Use extra care when cleaning on stairs.
15. To reduce the risk of fire or electric shock, do not use this machine with a solidstate speed control device.
16. The voltage and frequency indicated on the name plate must correspond to the wall receptacle supply voltage.
17. 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, alka-
lines, or other dangerous liquids.
18. Do not leave operating unattended.

## Filling the Solution Tank

1. Fill the solution tank with the approved cleaning solution.
2. Do not fill up the solution tank completely: 1 " should be left free at the top.
3. Typically, the solution should be a mixture of water and a cleaning chemical appropriate for the type of job.
4. Always follow the dilution instructions on the chemical container label.
5. The temperature of the cleaning solution must not exceed $70^{\circ} \mathrm{C} / 160^{\circ} \mathrm{F}$.

CAUTION
Use only non-flammable liquid in this machine.

## Setup

1. Remove vacuum tank, then fill solution tank. Fill solution with water or approved cleaning agent. For best results, fill with warm water $\left(140^{\circ}\right)$. Replace vacuum tank.


Flammable materials can cause an explosion or fire. Do not use flammable solutions or materials in tank(s).

FOR SAFETY: When using machine, follow mixing and handling instructions on chemical containers.

ATTENTION: If using powdered cleaning chemicals, mix prior to adding.
2. Attach solution hose (located front of machine). NOTE: Make sure the quick disconnect snap together firmly. As you do this, always inspect hoses for cracks or fraying. Do not use if hoses are damaged.
3. Attach other end of solution hose to wand.
4. Attach vacuum hose to recovery tank.
5. Plug machine's cord into a grounded wall outlet. FOR SAFETY: Do not operate machine unless cord is properly grounded. FOR SAFETY: Do not operate machine with the use of an extension cord.
6. Turn on pump. Key tool until you have a steady flow.
7. Release tool trigger. Turn on heater.
8. Wait 8-10 minutes for unit to pre-heat.
9. Re-key upholstery tool until hot water begins flowing.
10. Once hot water is flowing, release trigger and pre-heat an additional 4-5 minutes 11. Turn on vacuum motor.
12. Begin cleaning. Make two dry passes to every wet pass.
13. For floor cleaning, unplug tool and attach floor wand.
14. Work away from cords to avoid damage.
15. Use a defoamer in your recovery tank.
16. To clean heavily soiled areas, repeat cleaning from different directions.
17. When vacuum tank is full, empty tanks.
18. When work is complete, unplug cords and hoses.
19. Wrap and clean hoses. Clean all tanks.

## Pre-Operation

1. Vacuum carpet and upholstery and remove other debris.
2. Perform machine setup procedures.
3. Inspect power cord for damage.

## Operation

1. Turn pump switch on.
2. Pull up on tool lever to release air in the line. Hold lever until a steady flow of water comes out of the wand.
3. Once pump is primed and there is pressure in the solution line, turn on heater switch (if model is equipped with heater) and wait a few minutes for water to heat up. 4. Once water is heated, turn on vacuum and begin cleaning.

Note: When cleaning upholstery, always check manufacturer's cleaning instructions.

## CAUTION

1. Work away from outlet and power cord to prevent cord damage.
2. Use a recommended foam control solution in the recovery tank to prevent vacuum motor damage. Periodically check for excessive foam buildup in solution tank, and recovery tank.
3. To clean heavily soiled areas, repeat cleaning path from different direction.
4. When vacuum tank is full, it is time to empty the dirty water from the recovery tank, and refill solution tank.
5. After cleaning, relieve water pressure from tool before disconnecting hose

Squeeze trigger for five seconds after turning main power switch off.

## After Use

1. Unplug.
2. Empty solution tank and rinse it with clean water.
3. Inspect hoses and replace if damaged.
4. Remove recovery tank and empty. Clean filter.
5. Inspect solution filter. Clean or replace if damaged.
6. Store the machine in a clean, dry place.
7. Open recovery tank cover to promote air circulation.
8. Do not expose to rain. Store indoors.

## Chemical Dispensing

The Prep Center comes standard with four chemical dispensing bottles. They are powered by an air compressor (not included). Hook your shop air source to the rear air inlet, and use the regulator on the front of the unit to adjust the air to desired pressure (between 5 and 40 PSI .)
To fill:

1. Turn off or disconnect air compressor.
2. Pull trigger on one of the guns until all air in system is purged. IMPORTANT - If this step is skipped bottle may be ejected or damaged while being removed. Bodily injury could also result.
3. Open chemical tank door.
4. Unscrew tank from block.
5. Remove tank and fill with desired chemical.
6. Reinstall tank - you must make sure the top of the tank seals to the gasket in the white block, or air will leak from the system. Improperly tightened bottles may be ejected by the compressed air.
7. Close door, and re-activate compressed air.

To spray:

1. Select the gun that corresponds to the desired chemical.
2. Use twist cap on nozzle to adjust spray pattern and distance.
3. Pull trigger to spray.

## Air Blower Attachment

The Prep Center features an air-blower on the control panel. Note that the vacuum motor must be running for the blower to operate. Hook you blower hose to the blower port, and then use the two provided tools for a variety of tasks:

## Air purging:

Use the cone shaped nozzle to blow out vents, crevices, and more in the vehicle. Interior drying:
Roll the included window attachment up in the window of the vehicle for hot air interior drying.

## Exterior drying:

Use the cone shaped attachment to dry windshields and body panels.

## Maintenance Schedule

| Maintenance item | Daily | Once a week |
| :--- | :--- | :--- |
| Clean and inspect Tanks | $x$ |  |
| Clean and inspect Hoses | $x$ |  |
| Check power supply cable | $x$ |  |
| Clean machine with all purpose cleaner and cloth | $x$ |  |
| Check spray nozzles |  | $x$ |
| Flush solution system with Mytee system maintainer |  | $x$ |
| Remove and clean float shut-off screen from tank |  | $x$ |
| Inspect vacuum hoses for holes and loose cuffs |  | $x$ |
| Inspect machine for water leaks and loose hardware |  | $x$ |

## Trouble Shooting

## There is no power.

1. Plug machine in proper outlet.
2. Check circuit breaker; reset circuit breaker, other items should not run on the
same circuit as machine. Outlet must be a $20-\mathrm{amp}$ circuit.
3. If the wire from power cord has become disconnected from terminal block
reattach wire.

## Pump does not work properly.

1. Snap quick disconnects firmly together.
2. Check solution tank; may be empty.
3. Jets clogged, remove jet and flush clean.
4. Filters clogged, remove filters and rinse clean with water.
5. Heater is blocked; flush out with Mytee's system maintainer.
6. If brass check valve is stuck replace valve.
7. Check pump wire. May need to reconnect wire.
8. Switch plate switch may need to be replaced.
9. If pump motor brushes are worn, replace pump.
10. If solution tank is empty, fill solution tank up with a premixed detergent.
11. If pump is pulsating, tighten all hoses. Check for leaks.
12. Bad pressure switch, replace with new pressure switch.

## Heater does not work properly.

1. If sensor mounted on the heater has popped, reset sensor by pushing in button.
2. Heating element may need to be replaced.
3. Worn out automatic sensor needs to be replaced with new sensor.
4. Replace switch if switch on switch plate is bad.
5. Reconnect heater wire if has become disconnected.

## Vacuum motor does not work properly.

1. If switch on switch plate is bad, replace switch.
2. Connect hose tightly if hose is not connected tightly to upholstery tool or machine.
3. Clean upholstery tool if upholstery tool is clogged with hair, carpet fibers and/or debris.
4. If vacuum tank lid is not on tightly, secure the vacuum tank lid on tightly.
5. If vacuum tank lid or the vacuum tank is cracked, replace lid or tank.
6. If vacuum hose is cracked or split, replace vacuum hose.
7. Empty the vacuum tank of all wastewater if ball float is shut off.
8. Replace vacuum motor if vacuum motor armature is worn out.
9. If water is coming out of the vacuum motor, use a low foaming detergent.

## Machine Specifications

| Solution Tank | 6 gallons |
| :---: | :---: |
| Recovery Tank | 6 gallons |
| Vacuum | Single 3-stage low amp |
| CFM | 100 |
| Water Lift | $130^{\prime \prime}$ |
| Pump PSI | 120 |
| Pump GPM | 1.3 |
| Heater | $1,200 \mathrm{~W}-210^{\circ} \mathrm{max}$. |
| Power <br> Consumption | $20 \mathrm{amps} @ 115 \mathrm{~V} \mathrm{60Hz}$ |
| Machine Weight | 135 lbs. |
| Machine <br> Dimensions | $28.5^{\prime \prime} \times 31^{\prime \prime} \times 50 "$ |
| Power Cord | $25^{\prime} 12 / 3$ |

## 230V Configuration Information

| Model Number | $20-110-230$ |
| :---: | :---: |
| Power <br> Consumption | $10 \mathrm{amps} @ 230 \mathrm{~V} 60 \mathrm{~Hz} / 50 \mathrm{~Hz}$ |

## FAQs

Q: What comes standard with the 20-110?
A: The 20-110 comes with 25' Vacuum/Solution Hose (8100), 25' dry vacuum hose (H369), dry claw (PC87), crevice tool (PC86), window attachment (PC88), blower attachment (A919), and four 25' chemical dispensers with hoses and guns, interior and exterior drying attachments with hose, a 3" Stainless Steel Upholstery Tool (8400) and two hose hangers (H375).

Q: Where do I plug the machine in?
A: The 20-110 requires a 20A grounded circuit. Please note: GFI outlets may trip before the breaker setting.

Q: Are the pumps re-buildable for the 20-110?
A: Yes, both the seals and the pistons have repair kits available.
Please see the pump manual that shipped with your machine for the maintenance schedule.

Q: Is there anything I can do to increase the expected life of my machine? A: Run a System Maintainer through the system to keep the hoses, pump, and heater clean and free of debris.

## 20-110 DELUXE PREP CENTER™



## ACCESSORIES



8400-3" Stainless Steel Upholstery Tool


PC86-Crevice Tool


PC87-Dry Claw


H369-25' Dry Vac Hose


8100-25' Vac/Sol Hose


PC88 - Window Attachment


A919-Blower Attachment

## 20-110 DELUXE PREP CENTER™



After the machine has been plugged into a 20 amp grounded outlet. Turn on pump. Squeeze cleaning tool trigger until it releases a steady flow.


Turn on vacuum motor and begin cleaning. For best results make two dry passes to every wet pass.


Release tool trigger. Turn on heater. Wait 8-10 minutes for unit to pre-heat. Once heated, squeeze cleaning tool trigger again until hot water begins flowing. Once hot water is flowing, release trigger and pre-heat an additional 4-5 minutes.



Inlet for shop air connection. Unit will regulate shop air to proper PSI.


Hook up vacuum recovery hose to vacuum inlet.


1. Vacuum recovery tank - empty when full, keep filter and ball float clean.
2. Solution tank - fill with fresh water and cleaning solution.



Pneumatic compressed air quick connect, 40 PSI max outlet pressure.

## BLOWER OUTLET



Hook up blower hose for vehicle drying.

TOP TRAY


On board tool and chemical storage.

## 20-110 DELUXE PREP CENTER ${ }^{\text {TM }}$ PARTS \& PRICING




## 20-110 DELUXE PREP CENTER ${ }^{\text {TM }}$ PARTS \& PRICING



## 20-110 DELUXE PREP CENTER ${ }^{\text {TM }}$ WIRING DIAGRAM



NOTES

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