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Assembly Instructions	Instrucciones de Ensamblaje	Directives d'assemblage
Customer Service US:1-800-645-2986	Servicio de atención al Cliente México: 01.800.681.6940	Service à la clientèle Canada:888-645-2986

17" ELECTRIC AUTO FLOOR SCRUBBER
MODEL #: 641410

TECHNICAL SPECIFICATION	
Clean width	17"
Squeegee Width	30.7"
Work capacity	16000 sq.ft/hr
Pressure on the brushes	77lbs
Brush RPM	140
Brush motor	AC110 ~ 230/375
Suction motor	AC110 ~ 230/500
Solution tank	9.2 gallon
Recovery tank	10.5 gallon
Machine imensions (Excluding squeegee)	45"× 19" ×45"(L x W x H)
Cord	12AWG ST Cord, 82ft with GFCI plug
Machine weight	138.9lb

ORDER YOUR CLEANING CHEMICALS & PADS
Visit *www.globalindustrial.com* Or Call 1-800-645-1232

CLEANING CHEMICALS

Floor Cleaner Model 640404 (Case of 4)
Floor Stripper Model 640405 (Case of 6)
Multi Purpose Cleaner/ Degreaser Model 640407 (Case of 4)
Heavy-Duty Cleaner/ Degreaser Model 640406 (Case of 4)

PADS (Case of 5)
17" Scrubbing Pad - Model 261164GN
17" Buffing Pad - Model 261164RD

IMPORTANT INSTRUCTIONS

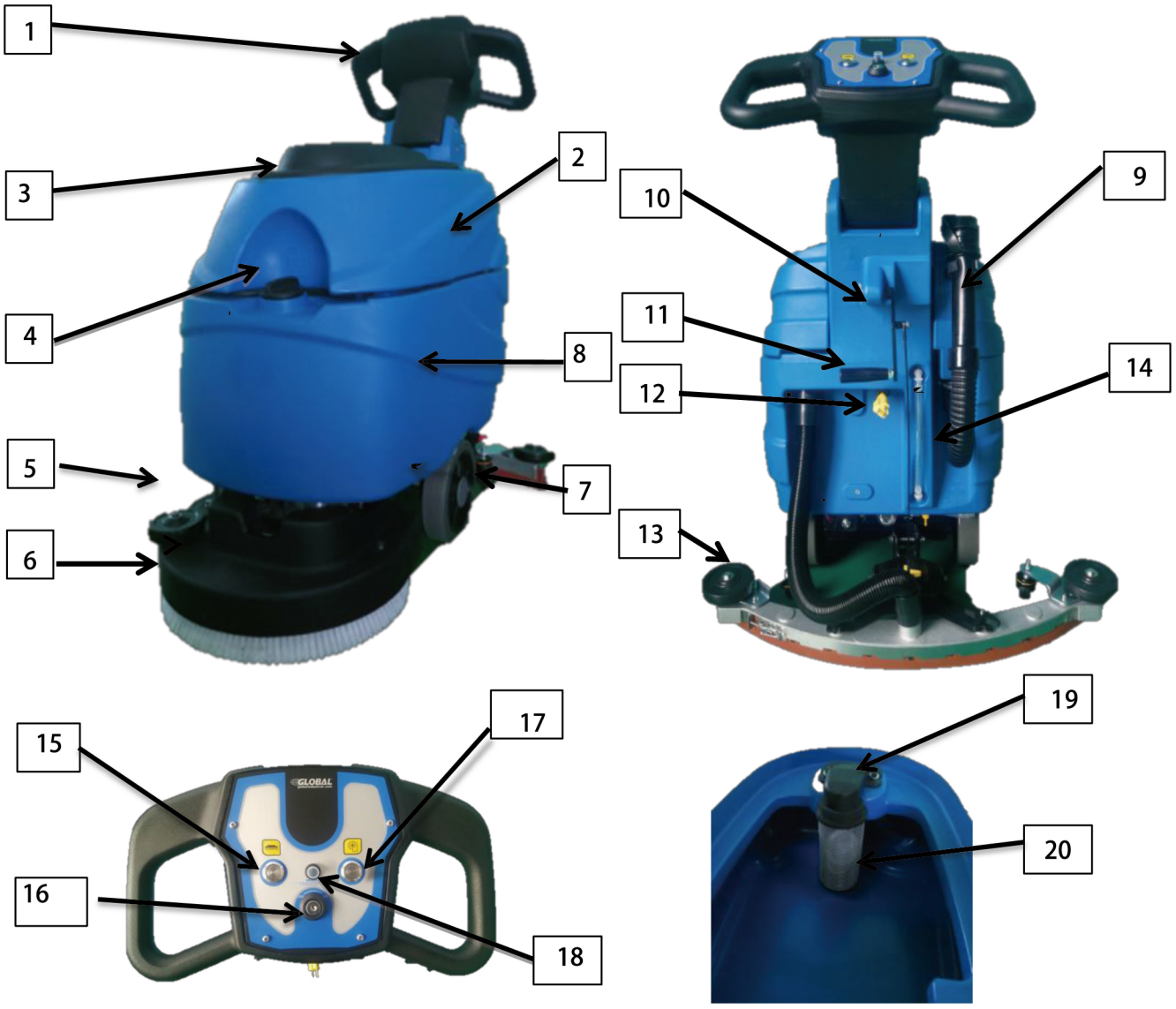
PLEASE READ THE INSTRUCTIONS CAREFULLY PRIOR TO USING THIS PRODUCT.
WARNING - to reduce the risk of fire, electrical shock, and/or injury/damage to persons or property:

- Do not operate the machine unless trained and authorized
- This unit must be plugged into 3-Prong grounded outlet
- Flammable materials can cause an explosion or fire. DO NOT use flammable materials in tank or as cleaning agent in machine.
- Flammable materials or reactive metals can cause explosion or fire. DO NOT use to clean up flammable or combustible spills
- This machine is intended for commercial use. It is constructed for use in an indoor environment and is not intended for any other use.
- Extreme caution and supervision is necessary when used near children or unqualified personnel
- Do not operate the Unit if the cord/plug is damaged in any manner.
- Do not place objects on the Unit or allow objects to obstruct the inlet or outlet openings. Do not operate in close proximity to walls, curtains, etc.
- To reduce the risk of electric shock, do not expose unit or power cord to moisture.
- Always turn off and unplug the machine prior to assembling, performing routine maintenance, or when not in use.
- The use of attachments or accessories not recommended or sold by Global Industrial may cause personal injury and/or property damage.
- DO NOT attempt to fix the machine yourself. All repairs must be made by authorized personnel
- Do not modify the machine
- Avoid moving parts. Do not wear loose fitting clothing while using/servicing the machine
- Do not put any flammable materials into solution tank. This can cause an explosion or a fire. Only use approved cleaning chemicals. Contact Global Industrial (1-800-645-1232) for recommendations on proper Cleaning Solutions.
- Empty the Solution and Recovery tank before storing the machine
- This machine shall be stored indoors only
- Do not operate on inclines

⚠ Do Not Use Extension Cord

READ AND SAVE THESE INSTRUCTIONS

Machine Parts



1) Control Handle
2) Recovery Tank
3) Recovery Tank cover
4) Solution Tank cap
5) Head Assembly
6) Pad Driver or Brush
7) Wheel
8) Solution Tank
9) Recovery Drain
10) Squeegee Lift Lever
11) Power Plug
12) Vacuum hose
13) Squeegee Assembly
14) Water Level Indicator
15) Brush Button
16) Key Switch
17) Suction Button
18) Brush Motor Reset Breaker
19) Vacuum Intake
20) Float shut off

17” Electric Auto Floor Scrubber

⚠ WARNING

⚠ WARNING

Do not operate machine unless you have read and understand this manual.

⚠ WARNING

Do not use your fingers to wipe or remove debris from the blades, as injury may occur.

⚠ WARNING

Flammable materials can cause an explosion or fire. DO NOT use flammable materials in tanks as cleaning agents.

⚠ WARNING

Always empty Recovery tank before filling solution tank

⚠ WARNING

Always empty and clean the recovery tank after using the machine.

⚠ WARNING

Do not fill the solution tank before emptying the recovery tank

⚠ WARNING

Before performing any maintenance on the machine, be sure that the power is turned off.

⚠ WARNING

Repairs are to be completed by Authorized Personnel/Service Centers only

⚠ WARNING

Do not put any flammable materials into solution tank. This can cause an explosion or a fire. Only use approved cleaning chemicals. Contact Global Industrial (1-800-645-1232) for recommendations on proper Cleaning Solutions.

⚠ WARNING

Foam must not enter the float shut-off screen, or damage can occur to the vacuum motor. Foam will not activate the machine’s float shut-off device.

PACKAGE CONTENTS:

1) Machine 2) Squeegee Assembly 3) Pad Driver

Machine Set-up/Operation Prior to Each Use

1) Always plug into grounded outlet rated 120V/60HZ
2) Check that squeegee assembly is properly installed
3) Check that Pad Driver is properly installed
4) The working surface is sufficient to support the weight of the machine
5) Always close Recovery Tank cover fully before use

GFCI(GROUND FAULT CIRCUIT INTERRRUMPTER) PLUG

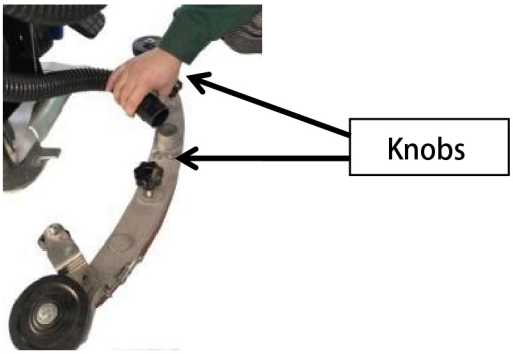
WARNING

Test the GFCI plug before use

1) Connect the GFCI plug to the wall outlet
2) Press the "rest button", the plug indicator light will be on , then press "test button”, the indicator light will be off with the "click" (trip) sound. Power will be off at this time.
3) Then press the "rest button" again, the plug indicator light will be on again. Power will be on at this time.

This test is complete and ready to be used.

SQUEEGEE INSTALLATION



Loosen the 2 knobs on the squeegee assembly.
Connect the vacuum hose to the Vacuum hole in the squeegee assembly

Align the knobs with the slots and tighten the knobs

17” Electric Auto Floor Scrubber

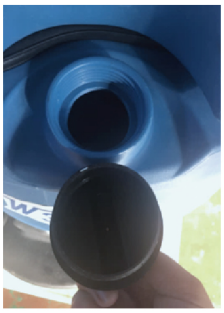
PAD DRIVER/BRUSH COUPLING

- Turn the machine off
- Place the pad driver/Brush under the head assembly.
- lower the head assembly to the floor by pushing the control handle forward
- Line up three studs on the pad driver/brush to the holes on the head assembly
- Turn the machine on
- Press the brush button , brush motor will start working, and the pad driver/brush will lock in completely

PAD DRIVER/BRUSH UNCOUPLING

Raise the head assembly by pulling the control handle backward , rotate the brush until it comes out of the brush-holder plate seat

SOLUTION TANK



- **Remove the solution tank cap and fill with clean water for regular cleaning surface. For deep and dirty surface,** Contact Global Industrial (1-800-645-1232) for recommendations on proper Cleaning Solutions.

- **Check water level indicator for water level**

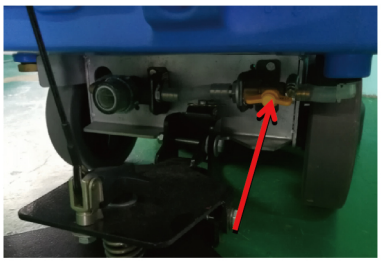
- Check water level indicator for water level

OPERATION INSTRUCTION

- Turn the key to the ON position

- Push the control handle forward to lower the head assembly to the floor

- Lower the suction and squeegee assembly by lowering the squeegee lift lever
- Press the brush button switch to turn on the brush
- Press the suction button switch to turn on the vacuum
- The machine is ready for use



Adjust the water flow with the water flow lever
When finished

- Press brush button again, brush motor will shut off , then raise the head assembly from the floor by pulling the control handle backward

Raise the squeegee assembly by raising the squeegee lever , Press the vacuum button, and the vacuum motor will shut off after a delay.

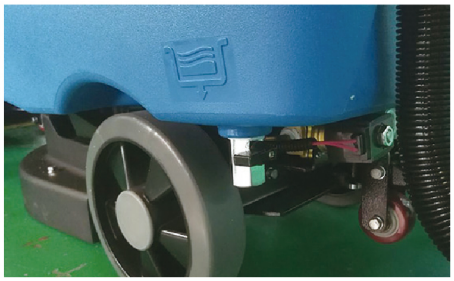
MACHINE STORAGE

- Store the machine indoor in a dry location
- Always store the machine with the squeegee and pad/driver raised off the floor
- Always drain the solution and recovery tank fully before storing, especially when storing in a cold location

MAINTENANCE

Daily Maintenance

- Wipe the whole machine with a clean/damp cloth

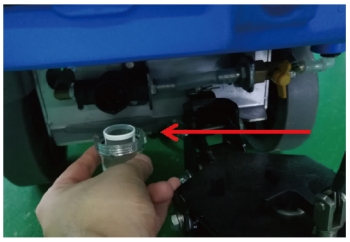


- Empty the solution tank by opening the solution drain valve location on the bottom

- Drain and rinse out recovery tank with clean water
- Remove the Pad Driver/Brush and Squeegee assembly and Clean with clean water

MONTHLY MAINTENANCE

- Flush out solution tank with clean water



- Remove the clear cap and the solution tank filter. Clean the filter with clean water
- Motors should be tested every 250 hours. Turn on/ off both Pad/Brush and Vacuum motor to ensure

the motors are working properly

SQUEEGEE RUBBER BLADE REPLACEMENT

- Remove the squeegee assembly from the unit (refer to squeegee installation instructions)

- Unlock the spring lock and slide out the blades

- Replace with new blade and re-assemble.

TROUBLESHOOTING

Problem	Cause	Solution
No Power	-Unit not plugged in -Open circuit breaker	-Plug the unit -Turn on the circuit breaker
Little or no solution flow	-Water flow tap closed -Clogged solution tank filter -Empty solution tank	-open water flow tap -clean solution tank filter -fill the solution tank
Poor water pick up	-Squeegee clogged	- Clean debris off squeegee with damp towel
	-Squeegee blades worn	- Install new squeegee blades
	-Squeegee not mounted correctly	- Confirm that the squeegee assembly is securely fastened to the machine and not loose fitting
	-Vacuum hoses have a hole or are loose	- Check hose connections and make sure they are firm. Replace hose if damaged.
	-Vacuum hose may be clogged	- Check hose for debris and remove any clog.
	- Drain hose stopper is loose	- Tighten drain plug.
	- Recovery tank is opened	- Confirm the clear recovery tank lid is securely in place
	-Recovery tank is full	- Drain recovery tank
	- Float shut off is clogged	- Remove float shut off from inside recovery tank and remove any debris
	- Vacuum motor is loose	- Tighten vac motor mounting screws. DO NOT overtighten or damage may occur.