



# Instructions Manual

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## C20E

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### 20" Electric Auto Floor Scrubber



Model 641745



AVAILABLE EXCLUSIVELY AT GLOBAL INDUSTRIAL  
GLOBALINDUSTRIAL.COM

US: 1-800-645-2986

Canada: 888-645-2986

## WARNINGS

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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
- Always turn off and unplug the machine prior to assembling, performing routine maintenance, or when not in use.
- This machine is intended for commercial and indoor use.
- DO NOT operate the unit if the cord/plug is damaged.
- DO NOT place objects on the unit or allow objects to obstruct the inlets or outlets.
- To reduce the risk of electric shock, DO NOT expose unit or power cord to moisture.
- DO NOT attempt to fix the machine by yourself. All repairs must be made by authorized personnel.
- DO NOT modify the machine.
- DO NOT touch moving parts. DO NOT wear loose fitting clothing while using or servicing the machine.
- Empty the Solution and Recovery tank before storing the machine.
- Always empty Recovery tank before filling solution tank
- Store the machine indoors only.
- DO NOT operate on inclines.
- DO NOT use an extension cord
- DO NOT use your fingers to remove debris from the squeegee blades, as injury may occur.
- 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.

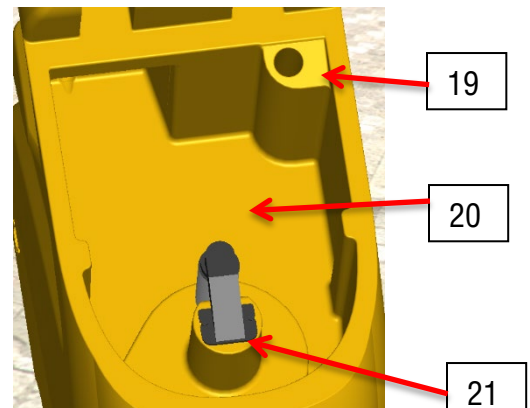
# TECHNICAL SPECIFICATIONS

Cleaning width	20"
Squeegee width	30.7"
Work capacity	18800sq.ft/hr.
Brush pressure	99.2lbs
Brush RPM	180
Brush motor	120V/375W/6.25Amp/60HZ
Suction motor	120V/1200W/10Amp/60HZ
Solution tank	11.9 gallon
Recovery tank	14.53 gallon
Machine dimensions(Excluding squeegee)	46" x 21.5" x 38.39 "(L x W x H)
Packing size	50.47" x 26" x 45.67"(L x W x H)
Cord	12AWG ST Cord, 82ft with GFCI plug
Machine weight	277.7 lbs.

## ORDER YOUR CLEANING CHEMICALS & PADS

CLEANING CHEMICALS				PADS (Case of 5)	
					
Floor Cleaner Model	Floor Stripper Model	Multi Purpose Cleaner/Degreaser	Heavy-Duty Cleaner/Degreaser Model		

# MACHINE COMPONENTS



- |                         |                             |                          |
|-------------------------|-----------------------------|--------------------------|
| 1) Recovery tank cover  | 9) Recovery Tank Drain      | 17) ON/OFF Key           |
| 2) Body/Solution Tank   | 10) Water Level Indicator   | 18) Vacuum ON/OFF button |
| 3) Solution Tank Cap    | 11) Power Cord              | 19) Vacuum hole          |
| 4) Head Assembly        | 12) Squeegee Assembly       | 20) Recovery tank        |
| 5) Rubber Skirt         | 13) Vacuum hose             | 21) Vacuum Intake        |
| 6) Pad Driver/Brush     | 14) Head Assembly Pedal     |                          |
| 7) Solution Tank Filter | 15) Squeegee assembly Lever |                          |
| 8) Water Flow Lever     | 16) Pad/Brush ON/OFF button |                          |

## MACHINE SET UP

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### Package Contents:

- 1) Machine
- 2) Squeegee Assembly
- 3) Pad Driver/Brush

### 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 can support the weight of the machine
- 5) Always close Recovery Tank cover fully before use

### GFCI (Ground Fault Circuit Interrupter) plug



### **⚠️ WARNING**

Verify that the GFCI plug works properly before each use.

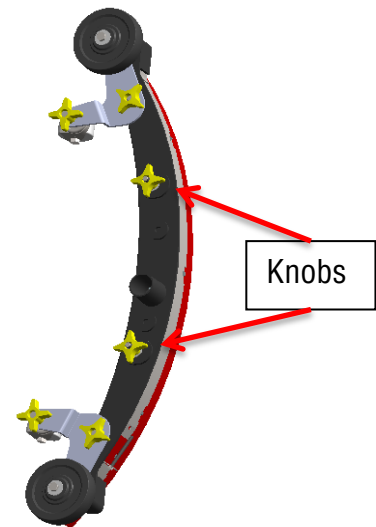
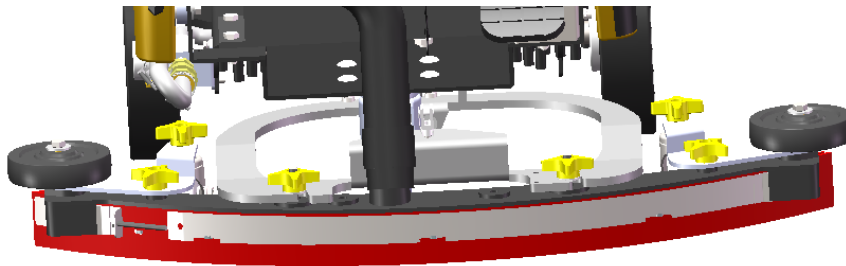
- 1) Connect the GFCI plug to the wall outlet
- 2) Press the "rest button." The plug indicator light will turn on. Then press the "test button." The indicator light will turn off with the "click" (trip) sound. The power is now off.
- 3) Then press the "rest button" again. The plug indicator light will turn on. The power is now on.



- 4) Confirm that the power cord plug and the GFCI plug are locked by the plug lock before using the machine. The GFCI is ready to be used.

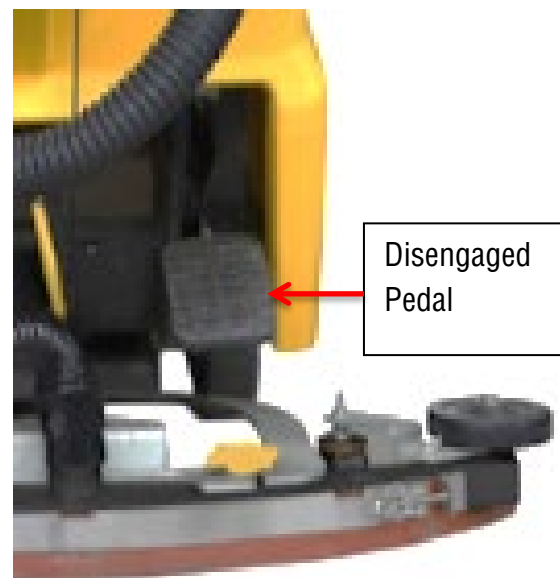
## SQUEEGEE INSTALLATION

- 1) Disconnect the power.
- 2) Loosen the 2 knobs on the squeegee assembly.
- 3) Connect the vacuum hose to the vacuum hole in the squeegee assembly.
- 4) Align the knobs with the slots and tighten the knobs.



## Pad Driver/Brush Installation

- 1) Disconnect Power.
- 2) If using a pad driver, attach the appropriate pad to the pad driver surface.
- 3) Place the pad driver/brush under the head assembly.
- 4) Lower the head assembly to the floor by stepping on the foot pedal and disengaging it.
- 5) Line up three studs on the pad driver/brush to the holes on the head assembly and lock it by turning clockwise.
- 6) Power on the machine.
- 7) Turn on the pad driver/brush with the pad driver/brush button so that the pad driver/brush locks in completely.
- 8) To remove the pad driver/brush, disconnect the power and wiggle the pad driver/brush back and forth clockwise/counterclockwise until it becomes loose.

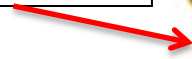


## SOLUTION TANK

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Water Level  
Indicator

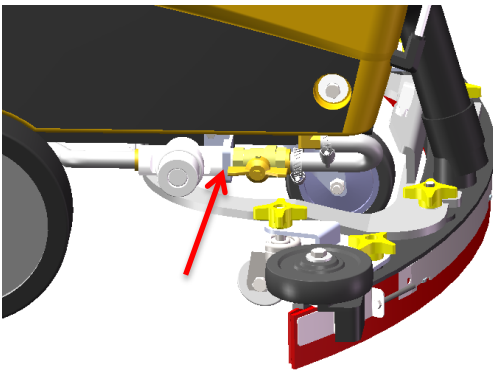


Remove the solution tank cap and fill with clean water for regular cleaning surface. For deep and dirty surface, Contact Global Industrial (1-800-645-1232) for recommendations on proper Cleaning Solutions. Check water level indicator for water level.

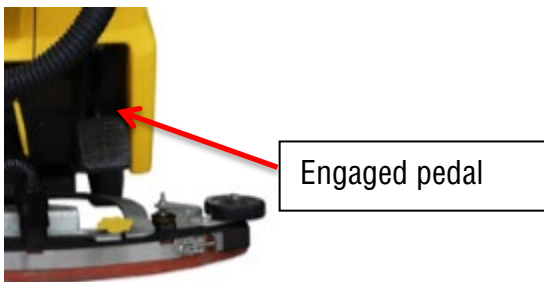
## OPERATION

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- 1) Turn the Key to ON position.
- 2) Lower the head assembly to the floor by stepping on the foot pedal and disengaging it.
- 3) Lower the squeegee assembly by lowering the squeegee assembly lever.
- 4) Press vacuum ON/OFF button to turn on the vacuum.
- 5) Press Brush ON/OFF button on to turn on the brush.
- 6) The machine is ready to use.



- 7) Adjust the water flow with the water flow lever.
- 8) When finished, turn off both brush and vacuum buttons.



- 9) Raise the head assembly from the floor by stepping on the foot pedal and engaging it.
- 10) Raise the squeegee assembly by raising the squeegee lever.

## Machine Storage

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



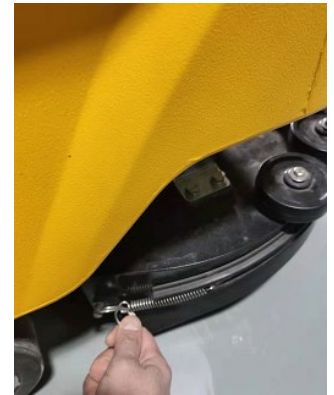
## DAILY MAINTENANCE

- 1) Wipe the whole machine with clean/damp cloth.
- 2) Empty the solution tank by opening solution drain plug location on the bottom.
- 3) Drain and rinse out recovery tank with clean water.
- 4) Clean the vacuum filter by removing the vacuum intake cap.
- 5) Remove the Pad Driver/Brush and Squeegee assembly and clean with clean water.



## MONTHLY MAINTENANCE

- 1) Flush out solution tank with clean water.
- 2) Remove the clear cap and the solution tank filter. Clean the filter with clean water.
- 3) Clean rubber skirt on the brush head assembly by removing the spring lock.
- 4) Motors should be checked 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 assembly installations).



Unlock the spring lock and slide out the blades. Replace with new blades and re-assemble.

## TROUBLESHOOTING

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Problem	Cause	Solution
No Power	<ul style="list-style-type: none"> <li>• Unit not plugged in</li> <li>• Open circuit breaker</li> </ul>	<ul style="list-style-type: none"> <li>• Plug the unit</li> <li>• Turn on the circuit breaker</li> </ul>
Little or no solution flow	<ul style="list-style-type: none"> <li>• Water flow tap closed</li> <li>• Clogged solution tank filter</li> <li>• Empty solution tank</li> </ul>	<ul style="list-style-type: none"> <li>• Open water flow tap</li> <li>• Clean solution tank filter</li> <li>• Fill the solution tank</li> </ul>
Poor water pickup	<ul style="list-style-type: none"> <li>• Squeegee clogged</li> <li>• Squeegee blades worn</li> <li>• Squeegee not mounted correctly</li> <li>• Vacuum hoses have a hole or are loose</li> <li>• Vacuum hose may be clogged</li> <li>• Drain hose stopper is loose</li> <li>• Recovery tank is opened</li> <li>• Recovery tank is full</li> <li>• Float shut off is clogged</li> <li>• Vacuum motor is loose</li> </ul>	<ul style="list-style-type: none"> <li>• Clean debris off squeegee with damp towel</li> <li>• Install new squeegee blades</li> <li>• Confirm that the squeegee assembly is securely fastened to the machine and not loose fitting</li> <li>• Check hose connections and make sure they are tight. Replace hose if damaged.</li> <li>• Check hose for debris and remove any clog.</li> <li>• Tighten drain plug.</li> <li>• Confirm the clear recovery tank lid is securely in place</li> <li>• Drain recovery tank</li> <li>• Remove float shut off from inside recovery tank and remove any debris</li> <li>• Tighten vac motor mounting screws. DO NOT overtighten screws as this could or damage the machine.</li> </ul>



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