



# User Manual

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## C26R

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### Auto Ride-On Floor Scrubber, 26" Cleaning Path



Model 641811



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.
- The charger must be plugged into 3-prong grounded outlet.
- DO NOT use flammable materials in tank or as cleaning agent in machine.
- DO NOT use the machine to clean up flammable or combustible spills.
- Always turn off and unplug the machine prior to setting up the machine, performing routine maintenance, or when not using the machine.
- 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.
- 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.
- DO NOT operate on inclines.
- DO NOT use an extension cord
- DO NOT use your fingers to wipe or remove debris from the blades, as injury may occur.
- This machine is intended for commercial and indoor use only.
- Empty the Solution and Recovery tank before storing the machine.
- Always empty the recovery tank before filling solution tank.
- Store the machine indoors only.

## TECHNICAL SPECIFICATIONS

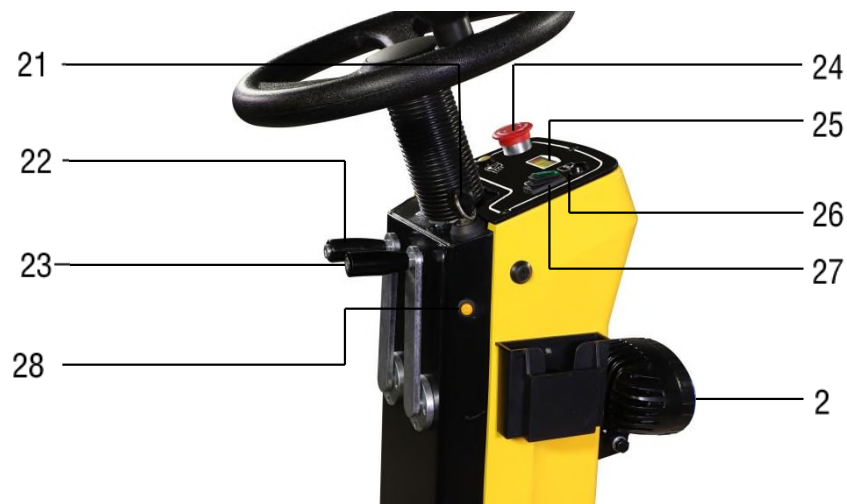
Cleaning Width	26"
Squeegee Width	33.8"
Working Capacity	37674 sq. ft/h
Brush Pressure	110 lbs.
Brush RPM	180 rpm
Brush Motor	24V/400W (2x Brushes)
Traction Motor	24V/300W
Drive Speed	0-3.11 mph
Suction motor	24V/500W
Solution Tank	23.78 gallons
Recovery Tank	26.42 gallons
Machine Dimensions (Excluding Squeegee)	54.9" x 29.5" x 46.9" (L x W x H)
Battery	2 x 120 Ah
Battery Weight	2 x 90.39lbs
Machine weight	505 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	 20" Scrubbing Pad - Model 20" Buffing Pad - Model

# MACHINE COMPONENTS





1) Steering wheel	11) Squeegee assembly	21) Key switch
2) Warning light	12) Front wheel	22) Squeegee lifting lever
3) Front cover	13) Drive wheel	23) Brush lifting lever
4) USB charger	14) Recovery tank cover	24) Emergency stop button
5) Headlight	15) Recovery tank hose	25) LCD display
6) Bumper	16) Solution tank	26) Menu button
7) Recovery tank	17) Suction hose	27) Forward/backward switch
8) Seat	18) Mobile phone holder	28) Horn switch
9) Solution tank cap	19) Drive pedal	
10) Water level indicator	20) Brush head assembly	

**PACKAGE CONTENTS**

- |                      |            |
|----------------------|------------|
| 1. Machine           | 2. Battery |
| 3. Squeegee Assembly | 4. Charger |
| 5. Pad Driver        | 6. Ramp    |

## MACHINE SETUP

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### INSTALLING THE BLUE WARNING LIGHT

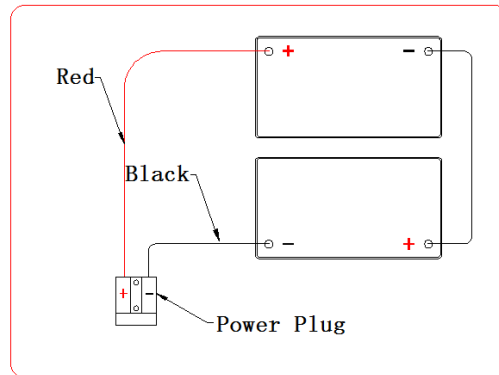
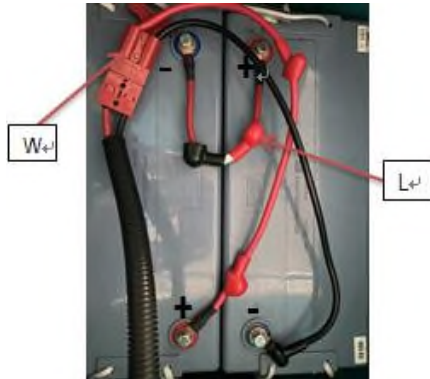


Use hardware (screw M8x40 black zinc, washer 8x16x1.6 black zinc, lock washer, M8 black zinc, and nut M8 black zinc) to fix the blue warning light on the bracket at the front. Match up and connect the blue warning light connector to the connector on the machine.

### **⚠ WARNING**

**RISK OF EXPLOSION:** A highly explosive gas mixture is produced when charging batteries. Avoid creating fires, sparks, smoke, and short circuiting when handling cables and electrical equipment. Use only Global Industrial approved chargers with an automatic shutoff circuit, deep cycle charging, output current of 10-20 amps, and output voltage of 24 volts.

- Wear eye protection while charging.
- Keep the battery compartment open when charging the machine.
- For best performance, keep batteries charged at all times. Do not let them sit in a discharged condition.
- Do not place battery charger on wet surfaces or in a puddle while in operation.
- Battery acid is highly caustic, always wear protective gloves and eye protection.
- Do not tilt battery as acid may flow out of the vent openings.
- Keep acid and batteries away from children.

**CONNECTING THE BATTERIES**

1. Connect the batteries in series, using the jumper cables (L) supplied to the poles "+" and "-".
2. Connect the power plug (W) cable to the other pair of "+" and "-" poles of the battery pack to obtain 24V voltage.

**CHARGING THE BATTERIES**

1. Disconnect the power plug.
2. Connect the battery connector cable to the charger.
3. Connect the charger to the power supply.

<b>Red on or flashing</b>	= Fault
<b>Yellow flashing</b>	= No battery connected
<b>Yellow on</b>	= Normal charging
<b>Green on</b>	= Fully charged

**SQUEEGEE ASSEMBLY INSTALLATION**

1. Loosen the two knobs on the squeegee assembly.
2. Connect the vacuum hose to the vacuum hole on the squeegee assembly.
3. Align the knobs with the slots and tighten the knobs.

**PAD DRIVER/BRUSH UNCOUPLING**

1. Turn on the machine and ensure the brush/pad head is in the raised position.
2. Press the **MENU** button for 5 seconds.
3. The LCD display screen will display the following:

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Unload 1
Bru-0
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4. Hold the **MENU** button again for 3 seconds. The brush will begin to automatically remove the brush/pad.

**PAD DRIVER/BRUSH COUPLING**

1. Place the brush/pad driver under the head assembly.
2. Put down the brush lifting lever, hold the side of the brush with both hands, turn the brush, make the pin stuck into the waist groove. Press the forward button, step down on the drive pedal. The brush motor will begin to rotate and complete the brush coupling.
3. Lift the brush lifting lever.





**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 through the water level indicator.



Solution Tank Cap



Water Level Indicator


**MACHINE SETUP PRIOR TO EACH USE**

- Be sure to connect the 24V battery.
- Check that squeegee assembly is properly installed.
- Check that pad driver is properly installed.
- The working surface is sufficient to support the weight of the machine.
- Always close recovery tank cover fully before use.

# Operation Instructions

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## OPERATION

- Turn on the key switch
  - Display information when active**  
Brand: C26R  
Software Version: VER.XX
  - Display information when working**  
Battery Level:  (flashes at low battery)  
Short pressing “MENU”, shows the battery voltage.

## TRACTION DRIVE (This machine is equipped with electronic traction control)

- Set the direction switch to forward and step on the drive pedal to drive forwards.
- Set the direction switch to backward and step on the drive pedal to drive backwards.
- Adjust the speed by changing the pressure applied to the pedal.
- The machine cannot move backwards when the squeegee is down.

## USING THE PAD DRIVER/BRUSH

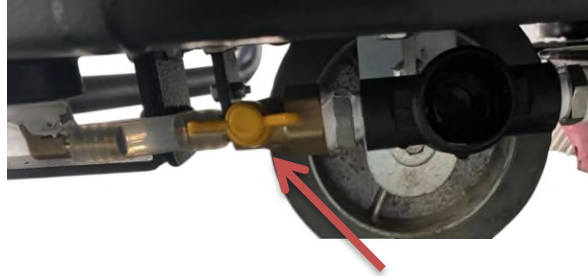
- Press the forward or backward button, lower the brush with the brush lifting lever. The brush motors will activate.

## USING THE VACUUM

- Lower the squeegee with the squeegee lifting lever. The vacuum will activate.
- To turn off the vacuum, lift the squeegee lifting lever. The vacuum will stop after 10 seconds.

### WATER FLOW

- Press the Water Flow button to adjust the level of the water flow. WF0 is no flow. WF3 is the largest water flow. The solenoid valves and pumps start when the brush motor starts.
- Water flow can also be adjusted with the ball valve.



### **Before turning off the machine, complete the following steps:**

1. Shut off the brush motor and raise the brush off the floor using the brush lifting lever.
2. Lift the squeegee using the squeegee lifting lever. The vacuum motor will turn off within 15 seconds.
3. Empty and clean the recovery tank.

## **MACHINE STORAGE**

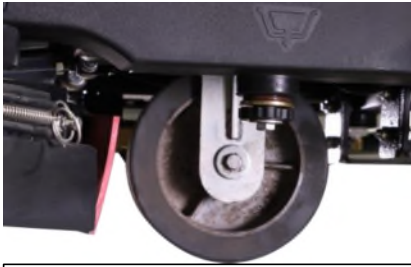
- Store the machine indoors in a dry location with the squeegee and pad/driver raised off the floor.
- Always drain the solution and recovery tank fully before storing, especially when storing in a cold location.

## DAILY MAINTENANCE

### WARNING

Before performing any maintenance on the machine, make sure that the power is turned off or the batteries are disconnected. Repairs are to be completed by authorized service centers only. Any repairs by unauthorized persons will void warranty.

1. Wipe the whole machine with a clean/damp cloth.
2. Empty the solution tank by opening the solution tank drain pipe. Note that the solution will begin immediately coming out following this.
3. Drain and rinse out recovery tank with clean water.
4. Clean the vacuum filter by removing the vacuum intake filter cap. Remove the pad driver/brush and squeegee assembly and clean with clean water.
5. Check the remaining battery percentage and charge it if the battery is low.



Solution Tank Drain



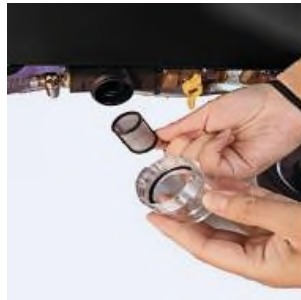
Recovery Tank Drain



Filter

## 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 the rubber skirt on the brush head assembly by removing the spring lock.
4. Motors should be checked every 250 hours of use. Turn on/off both pad/brush and vacuum motor to ensure the motors are working properly.



Spring lock

## BATTERY MAINTENANCE

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- Keep the top of the battery and the terminals free from corrosion. A mix of baking soda and water solution helps keep the batteries corrosion free. **DO NOT ALLOW THE BAKING SODA/WATER SOLUTION TO ENTER THE BATTERY CELLS.**
- Use a wire brush with the baking soda solution to properly clean the battery posts and connections.
- Check battery connections for wear and loose terminals. Replace if necessary.

### DISPOSAL

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- Old batteries must be disposed of in compliance with the local specific regulations.
- Never dispose of old batteries with municipal waste.

## SQUEEGEE RUBBER BLADE REPLACEMENT

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



2. Loosen the knobs and slide out the blades.
3. Replace with a new blade and reassemble.



## TROUBLESHOOTING

PROBLEM	Cause	Solution
No power	<ul style="list-style-type: none"> <li>• Not connected to the power.</li> </ul>	<ul style="list-style-type: none"> <li>• Connect to the battery.</li> </ul>
Little or no water yield	<ul style="list-style-type: none"> <li>• Water valve closed.</li> <li>• The filter is clogged.</li> <li>• The water tank is empty.</li> </ul>	<ul style="list-style-type: none"> <li>• Open the water valve.</li> <li>• Clean the filter.</li> <li>• Add the water into the water tank.</li> </ul>
Poor water absorption	<ul style="list-style-type: none"> <li>• The suction hole of squeegee is blocked.</li> <li>• The squeegee blade is damaged.</li> <li>• The suction squeegee is not installed correctly</li> <li>• The suction hose is damaged or loose.</li> <li>• The suction hose is blocked.</li> <li>• The cap of the drain pipe is loose.</li> <li>• The cover of drain tank is opened.</li> <li>• The drain tank is full.</li> <li>• Vacuum motor inlet is blocked.</li> <li>• Vacuum motor is loose.</li> </ul>	<ul style="list-style-type: none"> <li>• Clean the suction squeegee.</li> <li>• Replace the squeegee blade.</li> <li>• Make sure the suction squeegee is installed correctly.</li> <li>• Replace the suction hose or re-install the suction hose and tighten it.</li> <li>• Check the hose and remove the blocked things.</li> <li>• Tighten the cover of the drain pipe.</li> <li>• Make sure the cover of the drain tank is closed and sealed.</li> <li>• Empty the drain tank.</li> <li>• Check the vacuum motor inlet, remove the blockage and clean the filter cotton.</li> <li>• Tighten the mounting screws of</li> </ul>

		the motor. Overtightening the screws can damage the motor.
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## TROUBLESHOOTING: ERROR CODES

Error code	Problem	Solution
F1	Ems Active	Release emergency stop switch
F2	Brush Error	1. Check the brush motor and its related circuits 2. Replace the controller
F3	Vacuum Error	1. Check the brush motor and its related circuits 2. Replace the controller
F4	Brush Open	Brush motor is open or not connected
F5	Vacuum Open	Vacuum motor is open or not connected
F6	Dirty Water Full	Drain dirty water tank
F7	Clean Water Empty	Fill clean water tank
F8	Battery Low	Charge
F9	Battery Very Low	Charge
F10	Traction Error	1. Check the traction motor and its related circuits 2. Replace the electronic brake
F11	Traction SRO	1. Reboot, do not step on the accelerator 2. Check the pedal accelerator
F12	Brake Open	E-Brake is disconnected or open
F13	Brake Error	1. Check the electronic brake 2. Replace the electronic brake
F14	Valve Error	1. Check the solenoid valve and pump 2. Replace the solenoid valve or pump
F15	Pump Error	1. Check the solenoid valve and pump 2. Replace the solenoid valve or pump
F16	Valve Open	Valve or pump is open or not connected
F17	Pump Open	Valve or pump is open or not connected
F20	Comm. Error	1. Check the communication line 2. Update the software 3. Replace the controller
F21	Self-Test NG	1. Check the circuit (probable wiring issue) 2. Check the accelerator 3. Update the software 4. Replace the controller
F22	Over Temp	1. Controller temperature is >70°C



Error code	Problem	Solution
		2. Check the load current
F23	EEPROM Error	1. Parameter setting issue. Update parameter 2. Replace the controller
F24	Battery High	1. Battery voltage is too high 2. Parameter Setting error. Update parameter 3. Replace the controller
F25	Tract Carbon	1. Traction motor runtime is greater than set time limit 2. Motor time not zeroed after changing motor carbon
F26	M-Bru Carbon	1. Brush motor runtime is greater than set time limit 2. Motor time not zeroed after changing motor carbon
F27	Blow. Carbon	1. Vacuum motor runtime is greater than set time limit 2. Motor time not zeroed after changing motor carbon
F29	Vehi Type Err	Beeper is open or disconnected
F30	Sit in Seat	Please sit in seat
F33	HCL0 Open	1. Check wiring of HCL0 module 2. Check whether the waterway is working properly
F34	Change HCL0	Replace the HCL0 module, and clear the HCL0 running time manually
F36	Lease Expire	Contact the factory or dealer
F37	M/C Locked	Contact the factory or dealer
F38	IoT_Comm_Err	Connect IoT module
F39	HCL0 Error	Check wiring of the HCL0 module
F40	Pedal Error	1. Check the pedal wiring 2. Replace the pedal 3. Replace the controller
F41	Trac Open	Check the wiring of the drive motor
F42	BAT CAN Err	Check the lithium battery CAN cable is connected