

ONYX

TECHNOLOGY POWERING A CLEANER FUTURE



JXi
BATTERY FLOOR BURNISHER

OPERATOR MANUAL

JXi FLOOR BURNISHER

This Guide provides necessary instructions on machine operation and maintenance. Before operation or use of this machine, please carefully read and understand this Guide.

TABLE OF CONTENTS

ONYX

TECHNOLOGY POWERING A CLEANER FUTURE

12605 Commerce Station Drive • Suite 700

Huntersville, NC 28078

704.827.9368

Website: <https://www.onyxsolutions.store/>

No further notice will be given for possible change of specification and parts.

Machine Information:

Please fill in when installing for future reference.

Model number: _____

Machine serial number: _____

Sales representative: _____

PO number: _____

Date PO placed: _____

Installation Date: _____

JXi

BATTERY FLOOR BURNISHER



Parts Ordering	4
Warranty Claims	4
Technical Support	4
Protect the Environment	4
Safety Instructions	5
Safety Precautions	6
Machine Components	7
Machine Installation	8
Battery Installation	8
How the Machine Works	9
Machine Setup	9-10
Pad Pressure Adjusting	10
Installing Dust Collection Bag and Filter	11
Machine Operation	12
Machine Maintenance	13
Notes	14

PARTS ORDERING

When ordering the replacement parts, please refer to the ONYX website at www.onyx solutions.com. Use of the published Illustrated Parts Lists (IPL's) to identify the correct part number required is required to support accuracy of parts ordering.

Machine IPL's can be found at the top of the SHOP page of the ONYX website. Before matching parts or accessories, please firstly determine your machine model and serial number. You can order parts and accessories from any authorized service center or dealer by telephone at 704-827-9368, or email us at sales@onyx solutions.com.

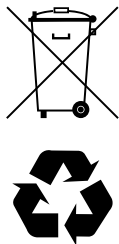
WARRANTY CLAIMS

ONYX Warranty Statement (policy) and Warranty Claim form can be found on the SUPPORT page of the ONYX website, <https://www.onyx solutions.store/support>.

TECHNICAL SUPPORT

Technical support is available by submitting a HELP TICKET on the CONTACT US page of the ONYX website, <https://onyx solutions.odoo.com/contact>.

PROTECT THE ENVIRONMENT



Please abandon the old machine components such as packaging material, battery, etc. and toxic liquid such as anti-freezing agent and oil according to your local regulations on waste disposal and on the premise of maintaining environmental safety. Please ensure to carry out the recycling well.



12605 Commerce Station Drive • Suite 700
Huntersville, NC 28078
704.827.9368

SAFETY INSTRUCTIONS

The following warning precautions are used throughout this manual as indicated in their description:



WARNING: To warn of hazards or unsafe practices which could result in severe personal injury or death.

FOR SAFETY: To identify actions which must be followed for safe operation of equipment.

The following information signals potentially dangerous conditions to the operator. Know when these conditions can exist. Locate all safety devices on the machine. Report machine damage or faulty operation immediately.



WARNING: To Reduce the Risk of Fire Explosion, Electric Shock or Injury:

- Read manual before operating machine.
- Do not use or pick up flammable materials.
- Do not use near flammable liquids, vapors or combustible dusts.
- Batteries emit hydrogen gas. Explosion or fire can result. Keep sparks and open flame away when charging.
- Disconnect battery cables and charger cord before cleaning and servicing machine.
- Do not charge batteries with damaged cord. Do not modify plug. If the charger supply cord is damaged or broken, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard. The use of incompatible battery chargers may damage the battery and potentially cause a fire hazard.
- Do not use outdoors or on wet surfaces. Store indoors. This machine is for dry use only.
- This machine is not suitable for picking up hazardous dust.
- Spinning pad, keep hands away.

FOR SAFETY:

1. Do not operate machine:
 - Unless trained and authorized.
 - Unless operator manual is read and understood.
 - Unless mentally and physically capable of following machine instructions.
 - Under the influence of alcohol or drugs.
 - While using a cell phone or other types of electronic devices.
 - If not in proper operating condition.
 - In outdoor areas.
 - In areas with possible falling objects.
 - In areas that are too dark to safely see the controls or operate machine.
 - Without dust bag and filters in place.
2. Before operating machine:
 - Make sure all safety devices are in place and operate properly.
3. When operating machine:
 - Use only as described in this manual.
 - Report machine damage or faulty operation immediately.

SAFETY PRECAUTIONS

- Wear closed- toe, non- slip work shoes.
- Reduce speed when turning.
- Keep hands away from spinning pad.
- Go slowly on inclines and slippery surfaces.
- Do not carry passengers on machine.
- Use care when reversing machine.
- Keep children and unauthorized persons away from machine.

4. Before leaving or servicing machine:

- Stop on level surface.
- Set the parking brake, if equipped.
- Turn off machine and remove key.

5. When servicing machine:

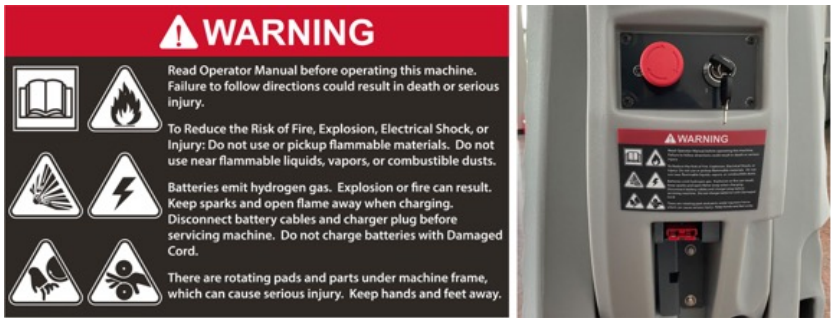
- Disconnect battery connection and charger cord before working on machine.
- All repairs must be performed by trained personnel.
- Use manufacturer supplied or approved replacement parts.
- Avoid moving parts. Do not wear loose clothing or jewelry and secure long hair.
- Do not disconnect the off- board charger's DC cord from the machine's receptacle when the charger is operating. Arcing may result. If the charger must be interrupted during charging, disconnect the AC power supply cord first.
- Do not use incompatible battery chargers as this may damage battery packs and potentially cause a fire hazard.
- Inspect charger cord regularly for damage.
- Keep work area well ventilated.
- Keep all metal objects off batteries.
- Wear personal protection equipment as needed and where recommended in this manual.

6. When transporting the machine:

- please shut down the machine.
- please do not transport the machine with the battery on.
- please transport the machine with the aid of the others.
- please use the suggested handling apron when handling the machine from the truck or trailer.
- use the rope to fix the machine on the truck or trailer.

SAFETY LABELS

The safety labels appear on the machine in the locations indicated. Replace labels if they are missing or become damaged or illegible.



MACHINE COMPONENTS

1. Handle

2. Start Bail

3. Cup Holder

4. Battery Compartment Hood

5. Battery Compartment Hood Latches

6. Dust Collection Compartment

7. Burnishin Motor

8. Head Tilt Lock/Release Knob

9. Bumper Wheel
10. Burnishing Head

11. Skirt

12. Head Lifting Handle

13. Panel

14. Emergency Stop

15. Main Power On/Off Switch

16. Battery Charger Socket

17. Caster

18. Burnishing Head Lifting Pedal



MACHINE INSTALLATION

Machine Unpacking

Uncrating Machine

1. Carefully check machines for signs of damage. Report damages at once to carrier.
2. Check accessories. Contact distributor for missing items.
 - Pad holder (pre-installed)
 - Polishing Pad (pre-installed)
 - Off-board battery charger
 - Dust bag (pre-installed)
 - Filter (pre-installed)
3. To uncrate the machine, remove straps, wheel blocks and shipping brackets. Using the ramp carefully back the machine off the pallet. Make sure the burnishing head is in the raised position.

BATTERY INSTALLATION

1. Park the machine on a level ground, turn off the machine and removed the key.
2. Unlatch the battery compartment hood latches and lift the hood backwards.



3. Connect the cables to the battery posts as shown. Connect the machine's black(-) battery cable last. Use insulated tools when working near batteries.



HOW THE MACHINE WORKS

The machine is powered by a 36V battery pack. The burnishing process is accomplished by a high- speed rotating pad with applied pressure and forward motion creating a smooth polished floor finish. The pad pressure can be adjusted for floor type and floor condition. The pad pressure is mechanically adjusted. The burnishing function is controlled by a start bail at the control console.

MACHINE SETUP

Installing Burnishing Pad

1. Park the machine on a level ground, turn off machine and remove the key.
2. Step down the head lift pedal to raise the head off floor. Pull the head lift handle upward until head locks into the pad change position.



3. Install the burnishing pad on pad driver and Secure pad with center-lock. Do not operate machine without pad center-lock installed.



MACHINE SETUP

4. Pull the head lock knob to release the head from the pad change position.



PAD PRESSURE ADJUSTING

To increase down pressure, move the pin to the next hole towards the motor. To decrease the down pressure, move the pin in opposite direction.



INSTALLING DUST COLLECTION BAG AND FILTER

- 1. Park the machine on a level ground, turn off the machine and remove the key.
- 2. Remove the cover from the dust collecting bag compartment. Press the two cover tabs to remove cover.



3. Install dust bag and filter as shown. Replace cover.



4. The filter required to be replaces every 200hrs of use.

MACHINE OPERATION

Pre-Operation

- Sweep floor and remove any obstructions.
- Scrub floor from any soil buildup.
- Check that the floor surface is dry.
- Do not use machine with spray buffing solution.
- Select proper burnishing pad.
- Check condition of burnishing pad.
- Check dust collection bag for fullness.
- Check vacuum hose connection at bag compartment.
- Check machine for proper operation.

OPERATING THE MACHINE

1. Lower the burnishing head to the floor by releasing the burnishing head lift pedal.



2. Release the parking brake lever if equipped.



3. Turn the key to the on (I) position.

MACHINE OPERATION

4. Push down the start bail, the machine will start working.



- 5. To stop burnishing, release the start bail. The machine stops burnishing when the bail is released.
- 6. To transport the machine from one location to another, raise the burnishing head to the transportation position.

EMERGENCY SHUT-OFF BUTTON

Push the emergency shut- off button in the event of an emergency . This red button shuts off all power to machine. To regain power, turn the button clockwise and restart the key. Only use this button in the event of an emergency. It is not intended for routine machine shutdown.



MACHINE MAINTENANCE

To keep the machine in good working condition, simply perform the following maintenance procedures.

AFTER DAILY USE

1. Flip the pad over or change to a new pad.
2. Check the dust bag for fullness. Replace the bag when it is almost full.
3. Check vacuum hose. Clean hose as necessary.
4. Charge batteries.

AFTER EVERY 50 HOURS OF USE

1. Check the dust skirt for wear or damage. Replace if worn or damage.
2. Clean the burning head and pad motor.
3. Clean the machines.

AFTER EVERY 200 HOURS OF USE

1. Cleaning the battery, check for loose battery cable connection.
2. Clean or replace the filter if it is necessary.

NOTES

[illegible]



12605 Commerce Station Dr • Suite 700
Huntersville, NC 28078
704.827.9368



onyxsolutions.com