

 **Advance**  
**Pacesetter 13 Low  
Speed Floor Buffer**



# Advance Pacesetter 13 Low Speed Floor Buffer Instruction Manual

[Home](#) » [Advance](#) » Advance Pacesetter 13 Low Speed Floor Buffer Instruction Manual 

## Contents

- [1 Advance Pacesetter 13 Low Speed Floor Buffer](#)
- [2 IMPORTANT SAFETY INSTRUCTIONS](#)
- [3 GROUNDING INSTRUCTIONS](#)
- [4 INTRODUCTION](#)
- [5 OPERATION](#)
- [6 TROUBLESHOOTING](#)
- [7 TECHNICAL SPECIFICATIONS](#)
- [8 Specifications](#)
- [9 Frequently Asked Questions](#)
- [10 Documents / Resources](#)
  - [10.1 References](#)



**Advance Pacesetter 13 Low Speed Floor Buffer**



## IMPORTANT SAFETY INSTRUCTIONS

This machine is only suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices other than normal residential housekeeping purposes. When using an electrical appliance, basic precautions should always be followed, including the following: Read all instructions before using.

### WARNING!

To reduce the risk of fire, electric shock, or injury:

- Do not leave the appliance when it is plugged in. Unplug the unit from the outlet when not in use and before servicing.
- To avoid electric shock, do not be exposed to rain. Store indoors.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only the manufacturer's recommended attachments.
- Do not use with a damaged cord or plug. If the appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use the cord as a handle, close a door on a cord, or pull the cord around sharp edges or corners. Do not run the appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliances with wet hands.
- Do not put any objects into openings. Do not use any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use with flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Connect to a properly grounded outlet only. See Grounding Instructions.

## SAVE THESE INSTRUCTIONS

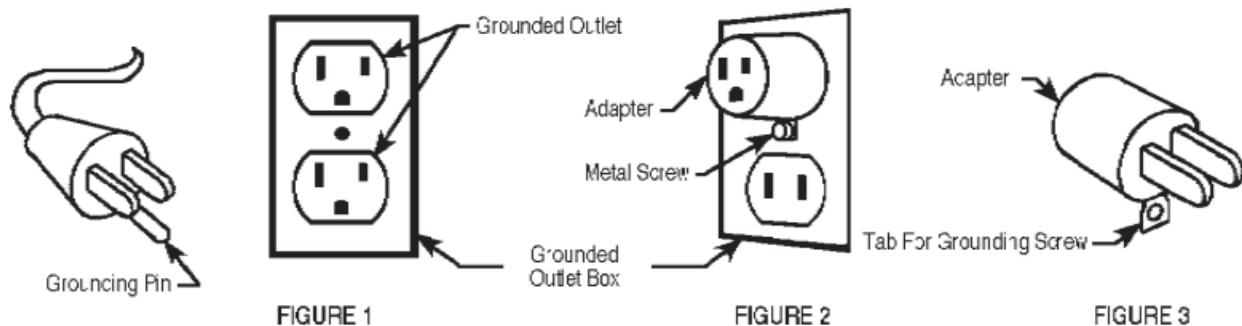
### GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should electrically malfunction, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance 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 and grounded in accordance with all local codes and ordinances.

#### 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 appliance. 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 Green/Yellow) wire in the cord is the grounding wire. When replacing a plug, this wire must be attached to the grounding pin only. Extension cords connected to this machine should be 12 gauge, three-wire cords with three-prong plugs and outlets. DO NOT use extension cords more than 50 feet (15 m) long.

#### PLEASE NOTE: FOR NORTH AMERICA ONLY



### INTRODUCTION

This manual will help you get the most from your Nilfisk-Advance floor machine. Read it thoroughly before operating the machine. This product is intended for commercial use; polishing, spray buffing, scrubbing, stripping and rotary carpet shampooing.

### PARTS AND SERVICE

Repairs, when required, should be performed by your Authorized Nilfisk-Advance Service Center, which employs factory-trained service personnel, and maintains an inventory of Nilfisk-Advance original replacement parts and accessories.

Call the Nilfisk-Advance dealer named below for repair parts or service. Please specify the Model and Serial Number when discussing your machine. (Dealer, affix service sticker here.)

### NAMEPLATE

The Model Number and Serial Number of your machine are shown on the Nameplate on the bottom of the machine. This information is needed when ordering repair parts for the machine. Use the space below to note the

Model Number and Serial Number of your machine for future reference.

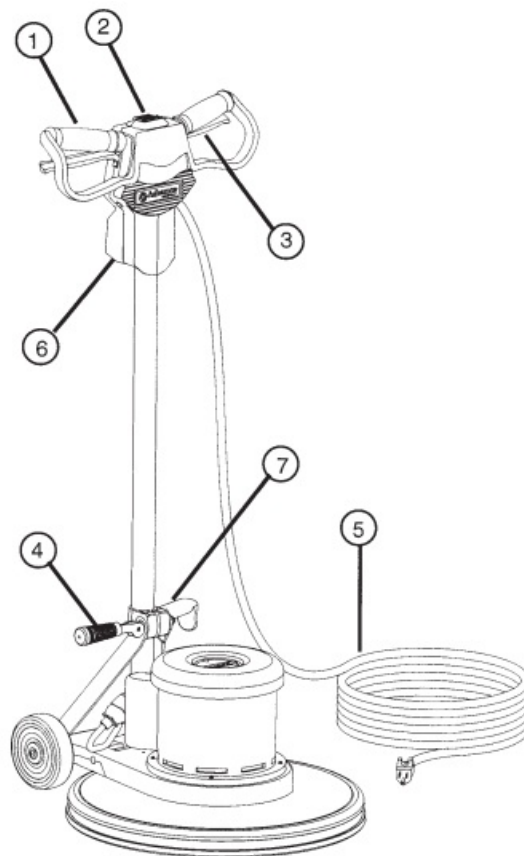
- MODEL NUMBER
- SERIAL NUMBER

### UNCRATE 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. Contact the Nilfisk-Advance Customer Service Department immediately to file a freight damage claim (phone number is provided on the back cover of this manual).

### KNOW YOUR MACHINE

**A**



**Pacesetter 13, 17, 20, 17HD, 20HD, 20TS, 20SD**

1. Operator Handle Grips
2. Switch Lever Safety Lock Button
3. Switch Levers – Squeeze – ON / Release – OFF
4. Handle Release Compression Lever
5. Power Cord
6. Operator Handle
7. Cord Hook

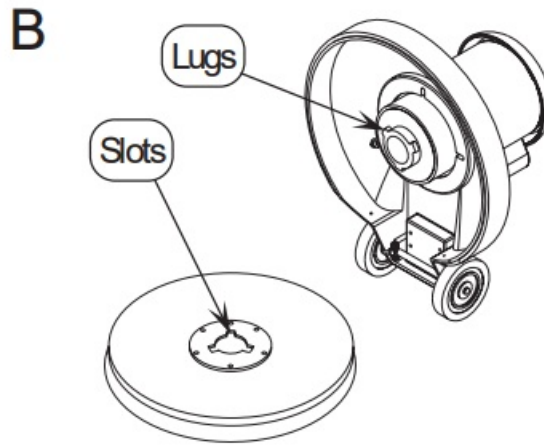
### WARNING!

This machine contains moving parts. To reduce the risk of injury, always unplug the power cord before servicing.

### (B)-INSTALLING THE BRUSH OR PAD HOLDER

Align the lugs with the corresponding slots in the brush or pad holder and turn the brush or pad holder

counterclockwise to lock it in place. To remove brush/ pad holder, give it a quick, hard turn clockwise.



**CAUTION!**

Using the wrong brush or pad on this machine can damage the floor or overload the motor.

**OPERATION**

1. Unwrap the Power Cord (5) and plug it into a properly grounded outlet.
2. Pull up on the Handle Release Compression Lever (4). Move the Operator Handle (6) downward until your arms are almost straight. Push down on the Handle Release Compression Lever (4) to lock it in place.
3. Lift up on the Operator Handle (6) until the brush (or pad) is flat against the floor.

**WARNING!**

Be prepared to control the machine as soon as the motor starts. Just a slight up or down movement of the Handle will make the machine move from side to side. Raise the Handle to go right. Lower the Handle to go left.

**CAUTION!**

Immediately start moving the machine back and forth. Keep the machine moving while the motor is running to avoid damage to the floor or carpet.

4. Hold one of the Operator Hand Grips (1) firmly, push the Safety Lock Button (2), and then compress the Switch Levers (3) to start the motor.

**NOTE:** When the Switch Levers (3) is released, the machine shuts off immediately.

**NOTE:** When spray buffing, check the pad every 15 minutes for dirt and wax build-up. If the pad is dirty, turn it over to expose the clean side or install a clean pad.

**AFTER USE**

1. Place the Operator Handle (6) in the upright position and unplug the Power Cord (5). Wrap the Power Cord (5) around the Operator Handle Grips (1) and the Cord Hook (7).
2. Remove the pad holder or brush from the machine. Clean the pad or brush and hang it up to dry. Allow buffing pads to dry completely before using again. Store brushes and pad holders separate from the machine. Never store the machine with the pad holder or brush on the machine.
3. Wipe the entire machine with a clean, damp cloth. Wipe the underside of the brush housing after wet use.
4. Inspect the entire machine and all accessories for damage. Perform any required maintenance or repairs before storage.
5. Store the machine in a clean, dry place with the Operator Handle (6) locked in the upright position.

## **TROUBLESHOOTING**

### **SWIRLS ON THE FLOOR AFTER SCRUBBING**

- The floor is not clean.
- Incorrect solution.
- Area not properly swept – debris in pad or brush.
- Improper pad or brush for the job.
- Moving the machine too fast.

### **SWIRLS ON THE FLOOR AFTER DRY BUFFING**

- Moving the machine too fast.
- The floor finish is too soft.
- Area not properly swept – debris in pad or brush.
- Improper pad or brush for the job.

### **CIRCLES ON THE FLOOR**

- The machine is standing still while the brush or pad is running.

### **FLOOR FINISH REMOVED**

- Improper pad... too aggressive.
- The solution is too strong.

### **MACHINE WOBBLER DURING OPERATION**

- Defective pad... one side is more dense than the other.
- The machine is left sitting on the brush or pad for an extended period of time causing bristles or pads to “take a set”.
- The pad is not “seated” properly into pad holder bristles.
- Warped block on brush or pad holder – replace.

### **THE MACHINE DOES NOT RUN**

- Check the plug for proper connection – on the machine and at the wall outlet.
- Check the building circuit breaker.
- Call for service.

## **TECHNICAL SPECIFICATIONS**

### **TECHNICAL SPECIFICATIONS (as installed and tested on the unit)**

Model	Pacesetter™ 13	Pacesetter™ 17	Pacesetter™ 20	
Model Number	01282A	01290A	01370A	
Motor	1 hp	1 hp	1 hp	
Transmission	Two-Planetary	Two-Planetary	Two-Planetary	
Clutch Plate	NP-92	NP-92	NP-92	
Pad/Brush Speed	175 rpm	175 rpm	175 rpm	
Pad/Brush Size	13" (33 cm)	17" (43 cm)	20" (51 cm)	
Wheels	5" (13 cm)	5" (13 cm)	5" (13 cm)	
Cord Length	50' (15 m)	50' (15 m)	50' (15 m)	
Height w/Handle	46" (117 cm)	46" (117 cm)	46" (117 cm)	
Weight (w/cord)	81 lbs. (36.8 kg)	83 lbs (37.7 kg)	87 lbs (39.5 kg)	
<b>Construction:</b>				
Handle Tube	Tubular Steel	Tubular Steel	Tubular Steel	
Base	Die-Cast Aluminum	Die-Cast Aluminum	Die-Cast Aluminum	
Model	Pacesetter™ 17HD	Pacesetter™ 20HD	Pacesetter™ 20TS	Pacesetter™ 20SD
Model Number	01330A	01410A	01440A	01460A
Motor	1.5 hp	1.5 hp	0.9/1.5 hp	1.75 hp
Transmission	Triple-Planetary	Triple-Planetary	Triple-Planetary	Triple-Planetary
Clutch Plate	NP-92	NP-92	NP-92	NP-92
Pad/Brush Speed	175 rpm	175 rpm	180/320 rpm	175 rpm
Pad/Brush Size	17" (43 cm)	20" (51 cm)	20" (51 cm)	20" (51 cm)
Wheels	5" (13 cm)	5" (13 cm)	5" (13 cm)	5" (13 cm)
Cord Length	50' (15 m)	50' (15 m)	50' (15 m)	50' (15 m)
Height w/Handle	46" (117 cm)	46" (117 cm)	46" (117 cm)	46" (117 cm)
Weight (w/cord)	91 lbs (41.1 kg)	95 lbs (43.2 kg)	81 lbs (36.8 kg)	102 lbs (46 kg)
<b>Construction:</b>				
Handle Tube	Tubular Steel	Tubular Steel	Tubular Steel	Tubular Steel
Base	Die-Cast Aluminum	Die-Cast Aluminum	Die-Cast Aluminum	Die-Cast Aluminum

- **Phone:** [800-989-2235](tel:800-989-2235) [800-989-6566](tel:800-989-6566)
- **Fax:** 02005 Nifisk-Advance, Inc.

## Specifications

- **Models:** Pacesetter 13, 17, 20; 17HD, 20HD; 20TS, 20SD
- **Intended Use:** Commercial use in hotels, schools, hospitals, factories, shops, and offices
- **Functions:** Polishing, spray buffing, scrubbing, stripping, and rotary carpet shampooing

## Frequently Asked Questions


### Q: Can this machine be used for residential purposes?

A: No, this machine is only suitable for commercial use in specific settings like hotels, schools, hospitals, factories, shops, and offices.

### Q: What functions can this machine perform?

A: The machine is designed for polishing, spray buffing, scrubbing, stripping, and rotary carpet shampooing.

## Documents / Resources

	<p><a href="#">Advance Pacesetter 13 Low Speed Floor Buffer</a> [pdf] Instruction Manual 01282A 13, 01290A 17, 01370A 20, 01330A 17HD, 01410A 20HD, 01440A 20TS, 01460A 20SD , Pacesetter 13 Low Speed Floor Buffer, Pacesetter 13, Low Speed Floor Buffer, Speed Floor Buffer, Floor Buffer</p>
--	--

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.