

# Eagle Power



## SD2000 FLOOR BURNISHER

### OPERATION & PARTS MANUAL

## **SPECIFICATIONS**

Length:	33.75 inches
Width:	21 inches
Height:	50 inches
Weight:	69 pounds
Pad Speed:	2000
Pad Diameter:	20 inches
Drive Motor:	1.5 HP, 120V, 15A, 50/60 HZ
Power Cord:	14-3 ST, 75 feet

## **SAFETY**

### **Read and understand the manual before operating this machine.**

Do not operate in explosive areas or use near flammable liquids or gases.

Attach only to properly grounded outlet.

Do not expose to rain. Store indoors.

Do not operate the machine with a damaged cord or plug.

Do not block or disconnect the safety lever.

Do not leave the machine plugged in while unattended.

Unplug the machine before servicing.

Do not put fingers under the pad or pad holder.

Unplug the machine before installing or removing the pad.

Use only with Hi Speed Burnishing pads.

## **OPERATING INSTRUCTIONS**

**Check machine for damage to cord or plug.**

**Use only Hi Speed Burnishing pads 20" or 19" diameter.**

### **To install or change the pad:**

1. Unplug the machine.
2. Tip the machine back on the wheels.
3. Remove the center-lock
4. Center the pad on the pad driver.
5. Replace the center-lock and tighten securely.

### **To operate the machine:**

1. Plug into a grounded outlet.
2. Release the handle and lower it.
3. The handle can be locked into a comfortable position for the operator or used free floating.
4. Press the safety lever and squeeze the trigger to start the machine.
5. Do not operate in one place as damage to the floor could result.
6. Do not operate the machine with the handle in upright position.
7. Remove the pad after every use.
8. Store the machine tilted back on the transport wheels.
9. Use only new or clean pads and reverse them as needed.

## **Maintenance**

To maintain appearance - wipe the machine with a damp cloth after use.

**WARNING** - Unplug the machine before servicing.

### **CHECK EVERY 250 HOURS OF USE.**

1. Check the motor brushes for wear or excessive arcing.
2. Check belt tension.
3. Check the cord and electrical system.
4. Check the safety lockout on the trigger.
5. Check wheels and bearings.

## PARTS LIST

Fig.	Part #	Description	QTY
1	N310122	Switch box, handle	1
1	N310121	Cover, switch box	1
1	N210102	Switch	1
1	N310124	Handle tube 7/8 x 16"	1
1	N310118	Grips	2
1	N310120	Trigger, switch	1
1	N310119	Safety lock	1
1	N110149	Spring	1
1	N110163	Clip, spring	1
1	N310103	Cord, 75' - 14-3	1
1	N210105	Cord, handle 14-3	1
1	N210106	Grommet 3/8 ID	1
1	N310125	Handle, weldment	1
1	N110150	Screw 1/4-20 x 3/4	2
1	N110115	Nut, 1/4-20 Nylok	2
1	N110140	Screw 1/4-20 x 1 3/4	4
1	N210109	Wire, ground	1
1	N210110	Wire nut	2
1	N110146	Wire tie	1
1	N110116	Screw #6	2
1	N110159	Decal, Safety	1
1	N110105	Serial Tag	1
1	N110171	Decal, Made in USA	1

Fig	Part #	Description	QTY
2	N310102	Pulley, 1600 RPM	1
2	N310103	Pulley, 2000 RPM	1
2	N110155	Spacer, .75 ID	1
2	N310105	Pulley, pad drive	1
2	N110145	Spacer, pulley brgs	1
2	N110102	Bearing	2
2	N310109	Bracket, pulley mt.	1
2	N310123	Belt, 1600	1
2	N310134	Belt, 2000	1
2	N110119	Washer, flat 5/16 USS	1
2	N110120	Washer, lock 5/16	1
2	N110152	Bolt, 5/16-18x1" Hex	1
2	N110123	Washer, flat 3/8	8
2	N110124	Washer, lock 3/8	8
2	N110126	Bolt, 1/8-16 x 1/25	5
2	N110127	Nut, 3/8-16	1
2	N110125	Bolt, 3/8-16 x .75	4
2	N110165	Bolt, 3/8-16 x 1"	1

## ILLUSTRATION



Fig 1

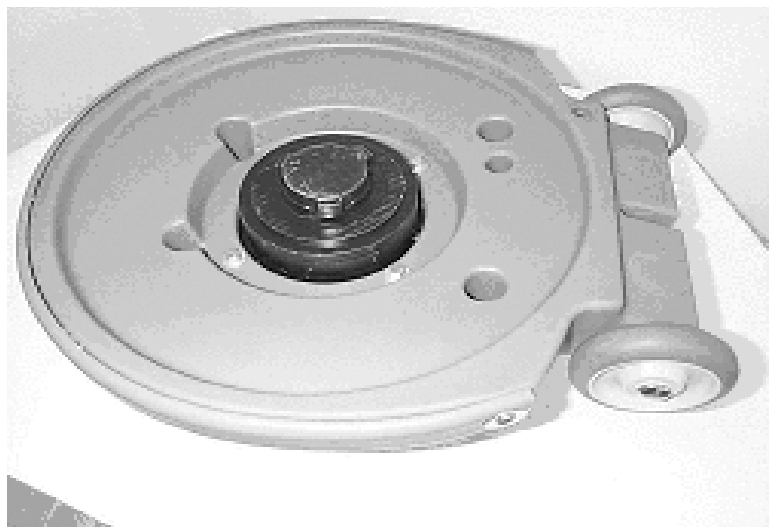


Fig 2

## PARTS LIST

Fig	Part #	Description	QTY
3	N310101	Base, high speed	1
3	N210101	Motor, 1.5 HP	1
3	N310114	Wheel 5"	2
3	N310112	Wheel 4"	2
3	N310132	Axel, 1/2" x 12 3/8"	1
3	N310115	Axel, 1/2" x 13.875"	1
3	N310116	Axel, 1/2" x 17.25"	1
3	N110144	Caps, axel 1/2"	6

Fig	Part #	Description	QTY
4	N310129	Handle cam lock	1
4	N110111	Bolt, adj. 5/16-18 cam	1
4	N110112	Washer, oval	1
4	N110148	Nut, 5/16-18 Nylock	2
4	N310128	Cord hook	1
4	N310130	Bracket, handle	1
4	N110114	Pin 1/4 x 3/4	1
4	N110164	Washer, spring 1/4"	1
4	N110151	Cap, push 1/4"	1
4	N110169	Washer, spring 3/8"	1
4	N110168	Washer, spring, 1/2"	7
4	N110103	Washer, nylon	7

Fig	Part #	Description	QTY
5	N310117	Cover, motor, gray	1
5	N210108	Hour meter	1
5	N110141	Screw 1/4-20 x 1"	4
5	N110142	Washer 1/4 flat	4
5	N110143	Washer 1/4 lock	4
5	N310111	Bumper	1
5	N110150	Screw 1/4-20 x 3/4	1
5	N110130	Washer, fender 1/4"	1
5	N310106	Pad driver assy.	1
5	N110166	Screw 5/16-18 x 1.25	1

## ILLUSTRATION



**Fig 4**



**Fig 5**

# Eagle Power

## Warranty Policy

### Limited Warranty

**Eagle Power Products (EPP) warrants new cleaning equipment against defects in material and workmanship under normal use and service to the original purchaser as detailed below.**

### 10 Years

**Subject to the conditions stated below, EPP warrants polyethylene tanks and housings to be free from defects in materials and workmanship for a period of ten years.**

### 3 Years

**Subject to the conditions stated below, EPP warrants all automatic scrubber components to be free from defects in materials and workmanship for a 3-year period. Parts replaced or repaired are warranted for the remainder of the original warranty period.**

### 1 Year

**Subject to the conditions stated below, EPP warrants all other cleaning equipment components to be free from defects in materials and workmanship for a 1-year period. Parts replaced or repaired are warranted for the remainder of the original warranty period. Batteries are prorated for one year.**

**EPP will furnish and charge for replacement parts, including transportation, to the original owner through an EPP authorized service center. If the part is returned within 30 days and is found defective, the owner will be credited for the cost of the replacement part including shipping and handling.**

Labor charges are covered for one year from the date of purchase if provided by an authorized EPP service center. Travel is covered for 90 days for battery operated equipment only.

Wear items exempt from warranty include belts, carbon brushes, power cords, wheels, pad drivers, clutch plates, brushes, pads, handle grips, filters, screens, throttle cables, and squeegees.

This warranty shall not apply to failures caused by misuse or abuse, improper maintenance as stated in the operation manuals, use of unauthorized repair parts, repairs by other than an EPP authorized service center, and damage in transit.

EPP disclaims and denies any liability for any direct, indirect, special incidental or consequential damage which may be suffered as a result of sale, delivery, servicing, use, loss of any product, downtime, labor, freight, or other charges not expressly included herein.

Date Purchased: \_\_\_\_\_

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Please be sure to record this information. This information will be necessary for future warranty claims.

## Eagle Power

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