

Eagle Power



SD17 and SD20 LOW SPEED FLOOR MACHINE

OPERATION & PARTS MANUAL

SPECIFICATIONS

Length:	24.25 inches
Width:	20 inches
Height:	48 inches
Weight:	85.5 pounds
Speed:	175 Std.
Pad Diameter:	17 inches or 20 inches
Drivers:	16 inches and 19 inches
Drive Motor:	1.5 HP, 120V, 12A, 60 HZ
Power Cord:	14-3 ST, 50 feet

SAFETY

Read and understand the manual before operating this machine.

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

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 suitable pads or brushes.

OPERATING INSTRUCTIONS

Check machine for damage to cord or plug.

Use suitable pads or brushes.

To install or change the pad:

1. Unplug the machine.
2. Tip the machine back on the wheels.
3. Install brush or pad driver.
4. Center the pad on the pad driver.

To operate the machine:

1. Plug into a grounded outlet.
2. Release the handle and lower it.
3. The handle should be locked into a comfortable position for the operator.
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 with the pad or brush removed.
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 on the two speed machine.
2. Check the cord and electrical system.
3. Check the safety lockout on the trigger.
4. Check the wheels.

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	N210121	Cord, 50' - 14-3 ST	1
1	N210105	Cord, handle 14-3	1
1	N210106	Grommet 3/8 ID	1
1	N310125	Handle, weldment	1
1	N110178	Screw 1/4-20 x 3/4 Hex	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
		Serial Tag	
1	N110171	Decal, Made in USA	1

Fig.	Part #	Description	QTY
2	N110130	Washer, fender 1/4"	2
2	N110150	Screw, 1/4-20 x 1"	2
2	N310111	Bumper	1
2	N110119	Washer, flat 5/16 USS	4
2	N110120	Washer, lock 5/16	4
2	N110177	Bolt, 5/16-18 x 1.5" Hex	4

Fig.	Part #	Description	QTY
3	N310137	Base, F M 20"	1
3	N310138	Base, F M 17"	1
3	N210111	Motor, 1.5 HP, AC	1
3	N210113	Motor, 1 HP, AC	1
3	N210112	Motor, 1.5 HP, 2 speed	1
3	N310114	Wheel 5"	2
3	N310132	Axel, 1/2" x 12.375"	1
3	N310115	Axel, 1/2" x 13.875"	1
3	N110144	Caps, axel 1/2"	4

ILLUSTRATION



Fig 1

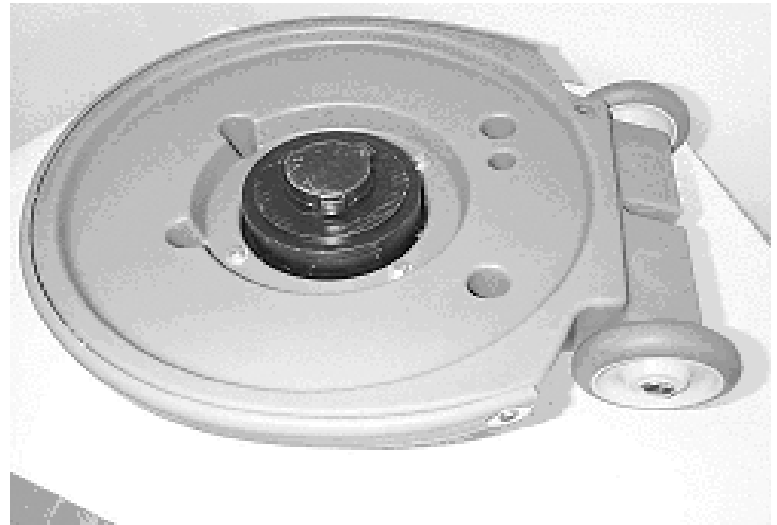


Fig 2



Fig 3

PARTS LIST

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 Nylok	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

ILLUSTRATION



Fig 4

Fig.	Part #	Description	QTY
5	N310122	Cover, motor, gray	1
5	N310121	Hour meter	1
5	N310102	Screw 1/4-20 x 1"	4
5	N310124	Washer 1/4 flat	4
5	N310118	Washer 1/4 lock	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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