



## Electronic Service Manuals

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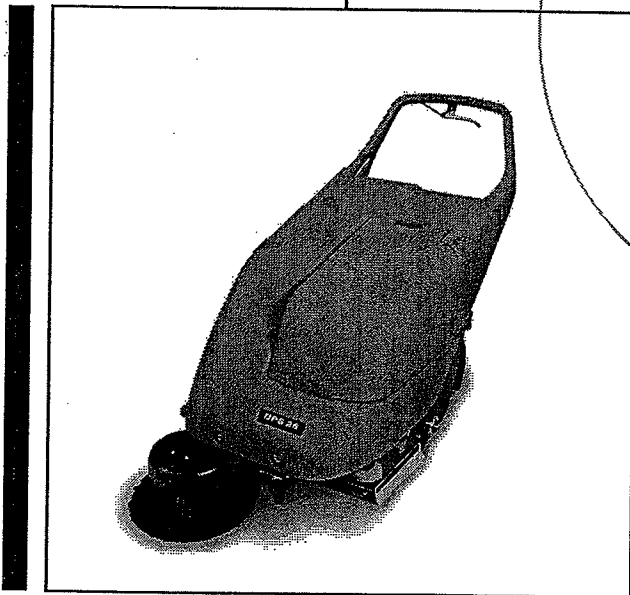
**Serving the Cleaning Industry Since 1922**

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# BPS26 26" Battery Powered Sweeper

## Operator's Manual

Item #89002-00



*Chemicals*  
*Equipment*  
*Programs*  
*Process*

**BETCO**®



# **BPS26 Battery Powered Sweeper**

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## BPS26 Battery Powered Sweeper

### Technical Information

Cleaning Path	26"
Brush System	20" Main Brush 10" Side Brush (Overlapping)
Main Motor	.75 hp
Noise Level	70 dB
Filtration	Pleated filter panel (5 micron)
Airflow	250 cfm
Bin Capacity	1 cubic foot
Volts	12 volt system
Batteries	(2) 6 volt
Run Time	Approximately 4 hours
Length	56"
Width	26.5"
Height	29"
Weight	240 lbs (with batteries and charger)
Productivity	26,000 sq. ft. / hr.

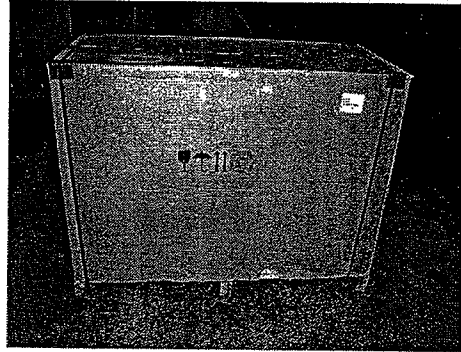
### General Safety Information

- Thoroughly read all labeling on machine. DO NOT remove or replace labels.
- Read operating instructions before operating machine or performing maintenance.
- Turn the machine off and always wear the proper personal protective equipment before performing maintenance or repairs.
- Do not use this machine for transportation.
- Do not use this machine for purposes other than intended.
- Do not use this to sweep up burning materials or toxic dust and debris.
- Do not place anything containing liquids on this machine.
- Always make sure working surface can support the weight of the machine.
- During operation always keep an appropriate safety distance from other people.
- Do not put any foreign object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, & anything that may reduce airflow.
- Keep hair, loose clothing, fingers, & all parts of body away from openings & moving parts.
- Do not use in or around flammable or combustible liquids such as gasoline or use in areas where they may be present.

## BPS26 Battery Powered Sweeper

### Unpacking

- Inspect the shipping carton and report any damage immediately.
- Remove cardboard carton from pallet.



- Carefully remove the machine from the pallet.
- Check to make sure all major components are included:
  - (1) BPS26 Sweeper
  - (1) Battery Charger
  - (2) 6 Volt Batteries (Installed in machine).

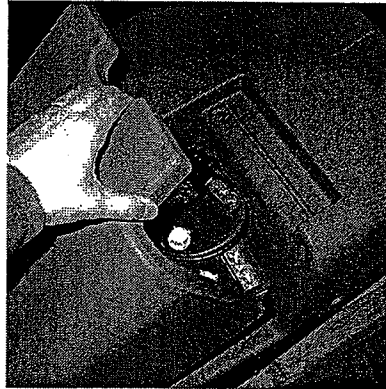


# BPS26 Battery Powered Sweeper

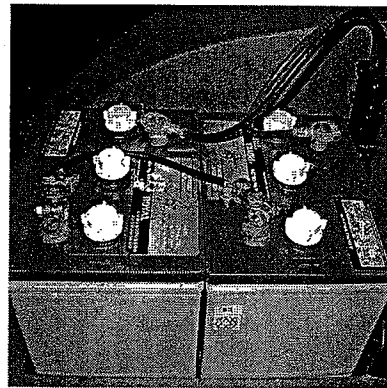
## Preparation

### Battery Installation

- *NOTE - New machines are shipped with batteries factory installed.*
- Make sure the power button is in the off position.
- Remove the battery cover.



- Place both batteries in the machine as shown in the diagram.
- Connect the positive and negative cables as shown in the diagram.
- Replace the battery cover.



# BPS26 Battery Powered Sweeper

## Operation

### Control Functions

#### Airflow (suction)

- Flap adjustment to control airflow duct. Pull handle out to allow airflow, push handle in to turn airflow off.

#### Filter Shaker

- Manual control to shake (clean) the dust filter.

#### Side Brush Lever

- Pull lever out and lock down to disengage side brush assembly. Pull lever out and release to engage side brush assembly.

#### On/Off Switch

- Main power switch.

#### Battery Level Gauge

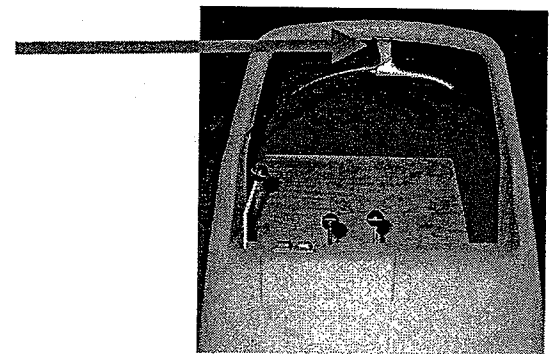
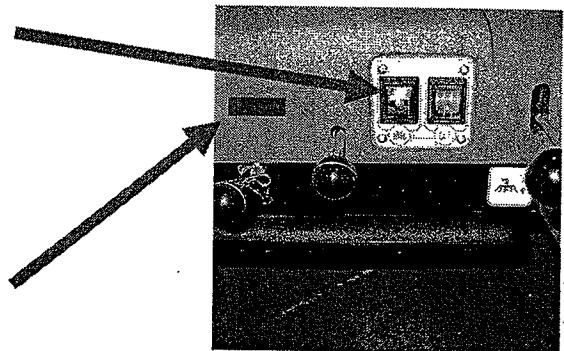
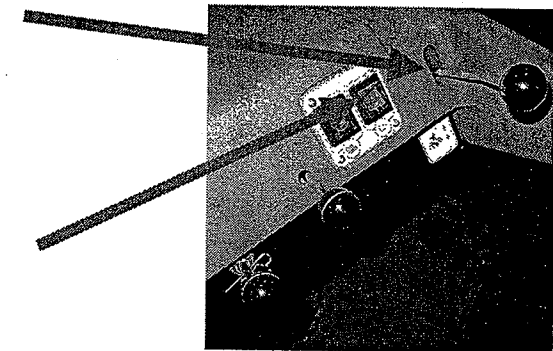
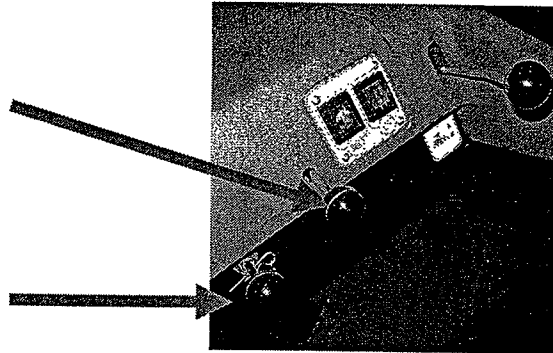
- Green light indicates adequate power.
- Red light indicates time to recharge.

#### Hour Meter

- Measures hours of usage.

#### Traction Drive Handle

- Squeeze to engage traction drive system.

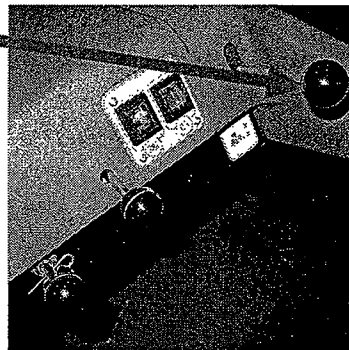
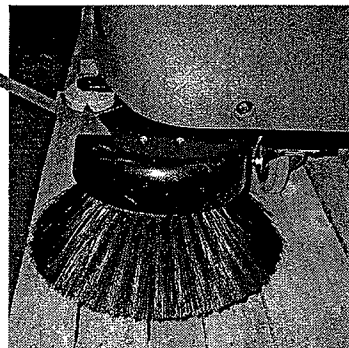
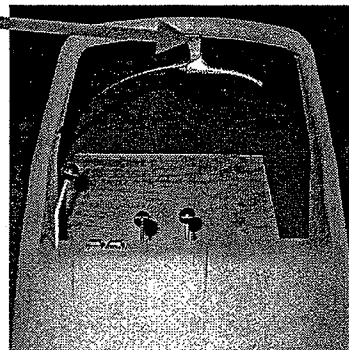
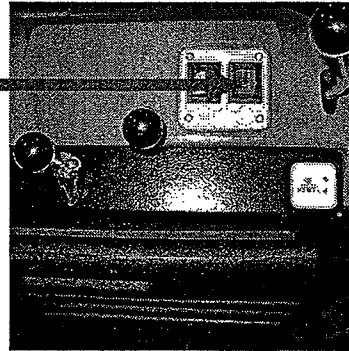


# BPS26 Battery Powered Sweeper

## Operation

### Start Up

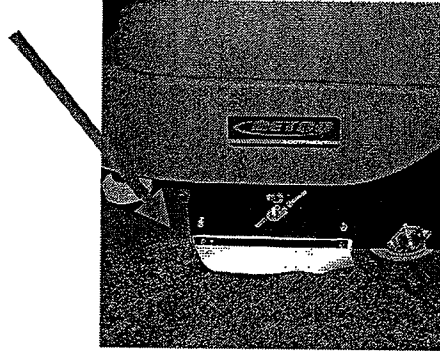
- Turn On/Off switch to the On position.
- To move forward engage the traction drive handle.
- To move backward release the traction drive handle and pull machine towards you.
- For edge cleaning utilize the side brush assembly.
- To engage the side brush assembly pull the side brush lever out and release.
- To disengage pull the side brush lever out and lock down.



## BPS26 Battery Powered Sweeper

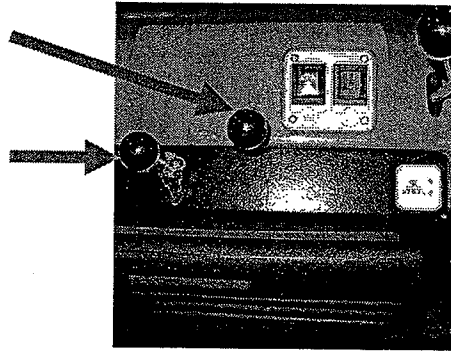
### Operation

- To pick up bulky debris press down on the handle to raise the front of the machine allowing the main brush to sweep it into the debris hopper.

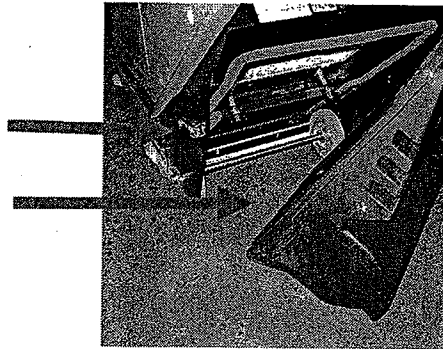


For efficient airflow the filter assembly should be cleaned approximately every 10 minutes.

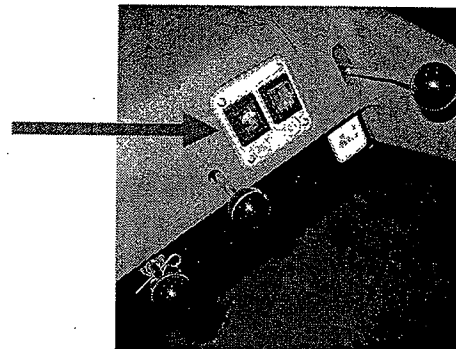
- Make sure the airflow handle is adjusted to the off position.
- Pull and release the filter shaker control several times.



- Periodically check and empty the debris bin.
- Release latches from each side.
- Pull the bin away from the machine.



- Frequently check the battery level gauge. A Green light indicates adequate power. A Red light indicates its time to recharge.

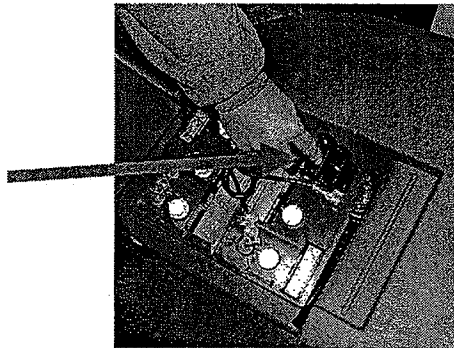
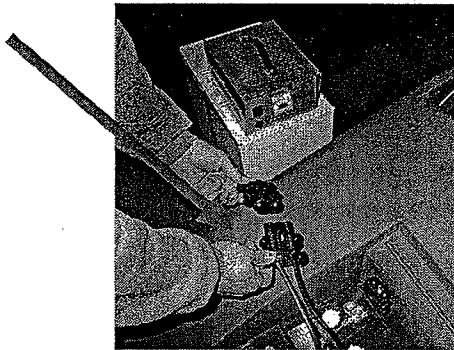
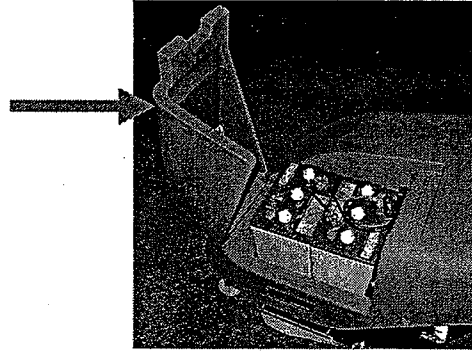


# BPS26 Battery Powered Sweeper

## Operation

### Charging the batteries

- Remove the battery cover.
- Make sure the battery charger is properly plugged in.
- Connect the charger plug to the battery plug as shown in the diagram.
- To avoid permanent damage to the batteries never allow them to completely discharge.
- Approximate run time per charge is 3-4 hours.
- After charging is complete reconnect the battery plug to the machine plug.
- Close the battery cover.

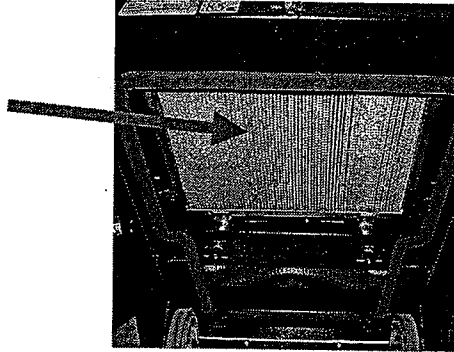


# BPS26 Battery Powered Sweeper

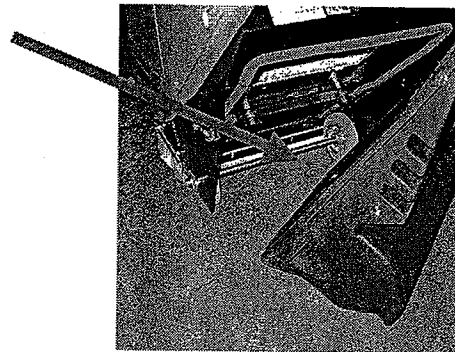
## Maintenance

### Cleaning the filter

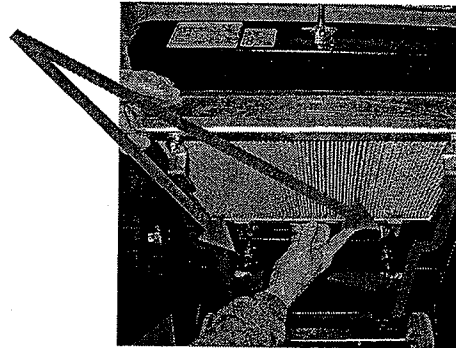
- The filter should be thoroughly cleaned at least once per week. More often if the application demands it.



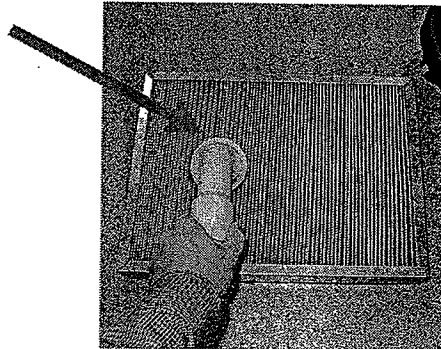
- Remove the debris hopper.
- Lift the filter shaker lever and secure in the raised position with the provided pin. (The pin is attached to the shaker lever).



- Loosen the filter knobs and remove the filter assembly.



- Carefully vacuum the filter assembly and replace when done.

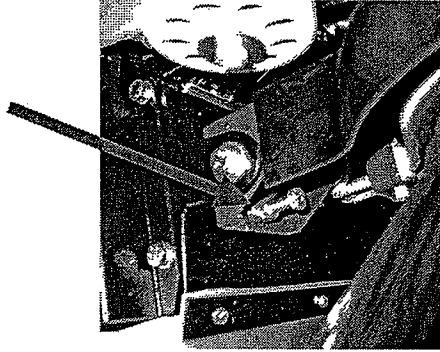


# BPS26 Battery Powered Sweeper

## Maintenance and Troubleshooting

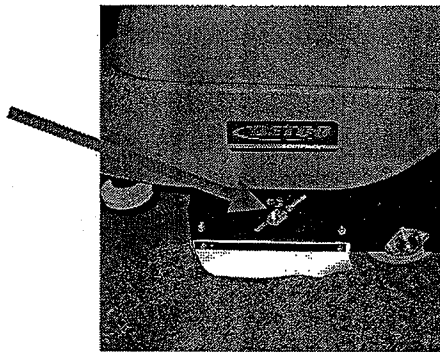
### Adjusting the side brush

- Adjust the side brush height by turning the screw located on the brush bearing bracket. This is located directly behind the side brush assembly.



### Adjusting the main brush

- Adjust the brush height by turning the two screws (one is located on each side of the machine).



<b>Troubleshooting</b>	
Main brush does not clean properly	Brush is worn or misadjusted - Replace and/or adjust brush. Waste bin is full - Empty waste bin Brush belt is broken – Replace belt
Machine creates airborne dust while operating	Vacuum flaps are torn – Replace vacuum flaps The filter is clogged – Thoroughly clean the filter Front debris flap is torn – Replace front debris flap
Excessive noise from main broom	Debris trapped in main broom – Thoroughly clean the main broom