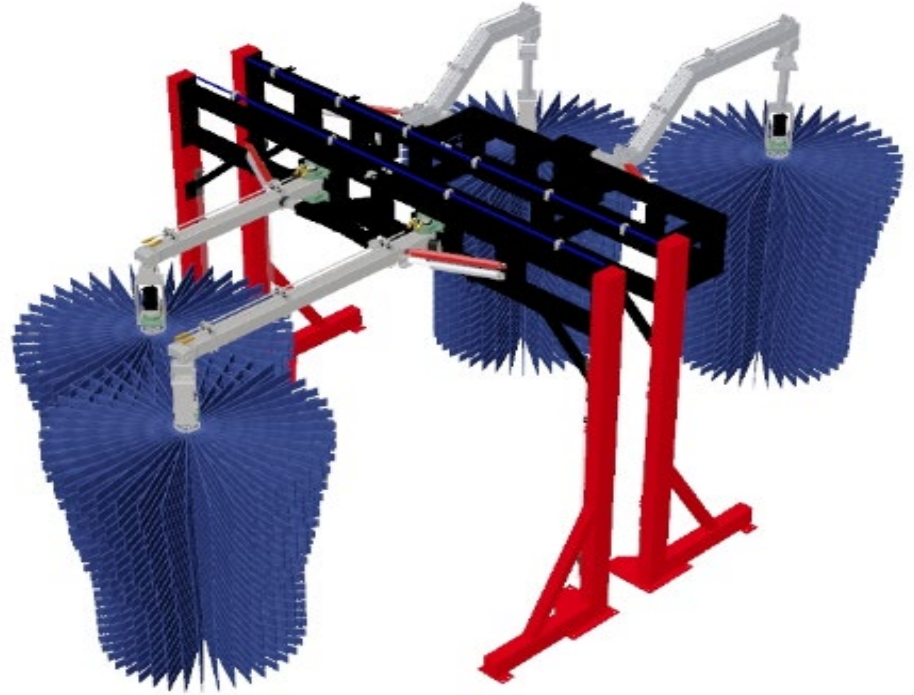


Wraparounds

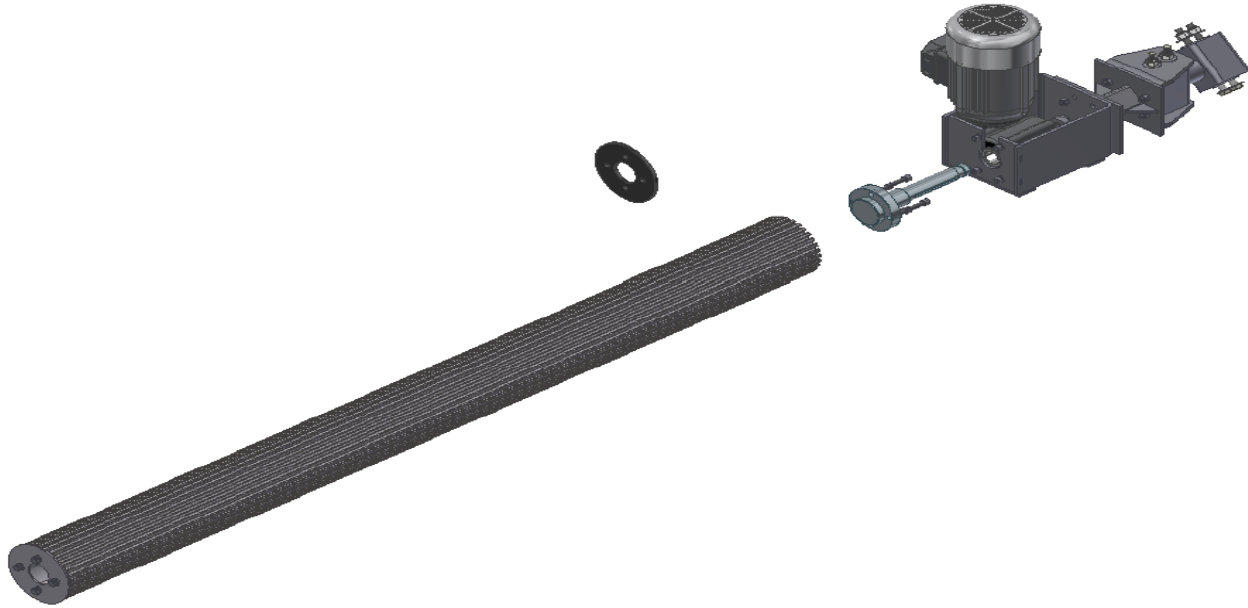


Product Specifications

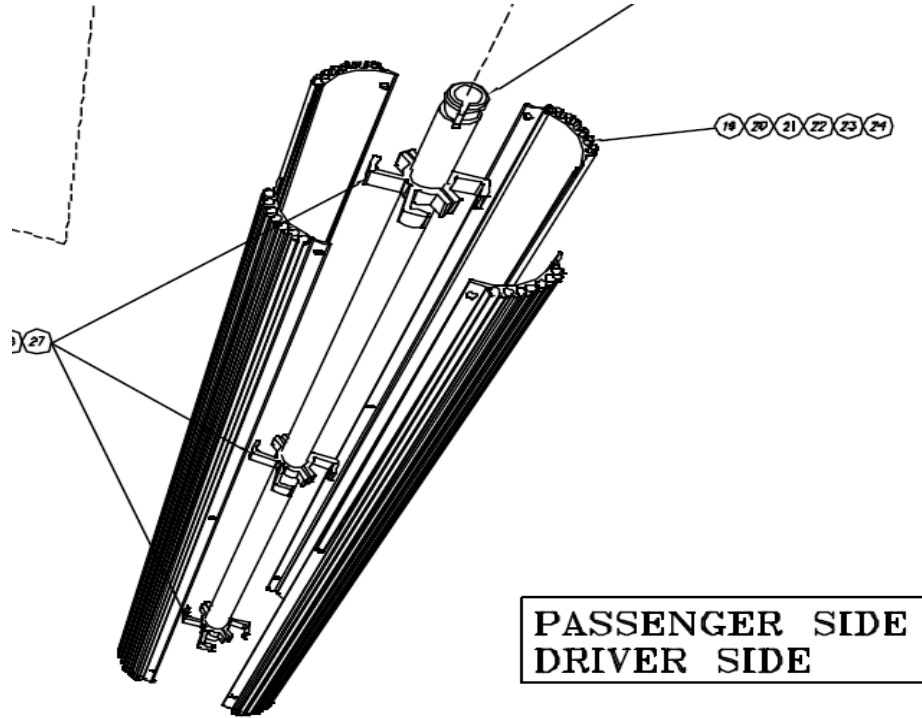
- Aluminum or stainless frames and legs
- Double roller bearings
- 6” unihubs with spindle
- Electric drive available
- Pneumatic retract standard



Solid hub attaches with 4 bolt spindle



Old Style with SS Shaft and Spyders



Items of Note

- The SONNY'S supplied **BLACK** high pressure hose on the wraparound unit is for the hydraulic PRESSURE connection...The SONNY'S supplied **ORANGE** or **RED** high pressure hose on the wraparound unit is for the hydraulic RETURN connection.
- Rotation of the Brushes is **with** vehicle travel. As viewed from the top of each brush the DRIVER side turns **COUNTERCLOCKWISE** and the PASSENGER side turns **CLOCKWISE**. Rotation speed of each Brush should be according to the Operating Speeds Chart in the Adjustments and Testing Section.

Maximize Brush Performance

Operating Speeds Chart

Chain Speed	Brush Speed	Air Pressure Pass	Air Pressure Driver
50-70CPH	70-75RPM	0PSI	0PSI
70-80CPH	80-85RPM	0-5PSI	0-5PSI
80-90CPH	85-90RPM	5-15PSI	5-10PSI
90-125CPH	90-95RPM	15-25PSI	10-15PSI



For Speeds in Excess of 150 CPH

To adjust the operation of the brushes without air pressure you may adjust the position of the pillow block bearings.

1. **TO INCREASE THE PRESSURE ON THE SIDE AND BACK OF THE VEHICLE:** Adjust the bottom pillow block bearing away from the center of the tunnel. Move in 1/8 inch increments at a time.
2. **TO DECREASE THE PRESSURE ON THE SIDE AND BACK OF THE VEHICLE:** Adjust the bottom pillow block bearing towards the center of the tunnel. Move in 1/8 inch increments at a time.

Cloth penetration should be about **three to four inches** on the flat surface of the car. Each of the brushes should cover about two thirds of the back of the vehicle, overlapping in the center.





Preventive Maintenance

DAILY

1. Check all hydraulic, air, and chemical lines and fittings for leaks. Repair, or replace, as needed.
2. Check both brush units for proper operation and retract operation, listening for any unusual noises from the equipment.
3. Inspect brush cloth for cuts, grease, or oil. Remove and repair, or replace, any cloth panel if any of these conditions are found.
4. Check for proper chemical solution delivery.

WEEKLY

1. Grease the brush shaft four bolt flange bearings. Do not allow grease to come in contact with brush cloth.

Preventive Maintenance

MONTHLY

1. Inspect all hardware and fittings for tightness.
2. Grease the brush hanger pillow block bearings. Do not allow grease to come in contact with brush cloth.
3. Inspect soap solution spray nozzles for wear. Replace, as necessary.
4. Thoroughly clean the equipment and framework.

SEMI-ANNUALLY

1. Carefully inspect brush equipment cloth for wear and damage. Replace, as necessary.



Mitter Curtain



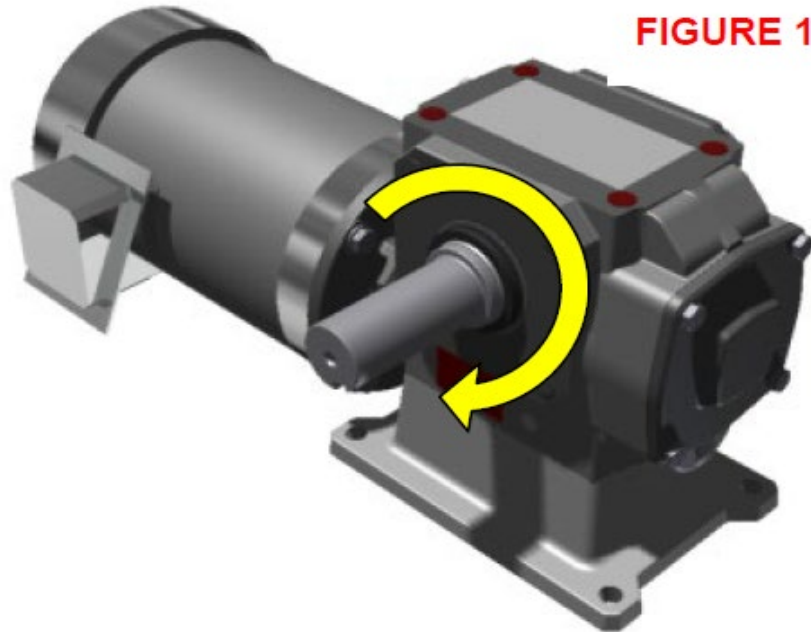
Product Specifications

- 2HP (older style) 1.5 HP (new style), 3-phase electric drive motor
- 60:1 direct drive ratio speed reducer
- Non-grease basket bearings



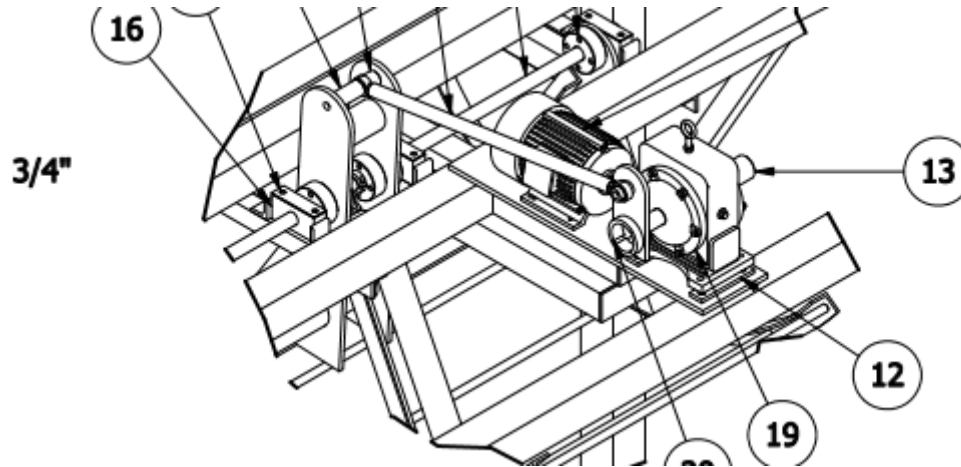
Direct Drive- No More Coupler

Unless Noted, Motor Can Rotate in Either Direction



OPPOSITE SIDE

Components



Preventive Maintenance

DAILY

1. Check for proper operation, listening for any unusual noises from the equipment.
3. Inspect Mitter cloth for cuts, grease, or oil. Remove and repair, or replace, any cloth panel if any of these conditions are found.
4. Check for proper chemical solution delivery.
5. Check for any oil leaks around the gear reducer, and repair if needed.

WEEKLY

1. Check the gear reducer oil level and fill as necessary.
2. Grease the rod end on both ends of the drive arms.



Preventive Maintenance

MONTHLY

1. Inspecting all hardware and fittings for tightness.
2. Inspect all plastic bearings for wear. Order new bearings if center hole is "egg shaped".
3. Inspect soap solution spray nozzles for wear. Replace, as necessary.
4. Thoroughly clean the equipment and framework.

ANNUALLY

1. Drain, flush clean, and refill oil in the speed reducer.
2. Have electrician test full load amps on electric motor.



Top Motor Side Washer



Product Specifications

- Frame and legs constructed from aluminum or stainless steel
- Available in three cleaning heights: 28, 50 or 63 inches
- Double roller bearings
- Shock absorber control



Items of Note

- The SONNY'S supplied BLACK high-pressure hose on the washer unit is for the hydraulic PRESSURE connection and the. ORANGE OR RED high-pressure hose on the washer unit is for the hydraulic RETURN connection
- Rotation of the Brushes is **against** vehicle travel. As viewed from the top of each brush the DRIVER side turns CLOCKWISE and the PASSENGER side turns COUNTERCLOCKWISE.
- Proper cloth penetration on flat vehicle surfaces should be 3 to 4 inches. As the side washers gear around corners, such as fenders, cloth penetration may be greater, but not deeper than half the distance to the aluminum brush core.



Preventive Maintenance

DAILY

1. Check all hydraulic, air and chemical lines and fittings for leaks. Repair, or replace, as needed.
2. Check electrical fittings and connections; make sure they are seal tight.
3. Check both brush units for proper operation, listening for any unusual noises from the equipment.
4. Inspect brush cloth for cuts, grease, or oil. Remove and repair, or replace, any cloth panel if any of these conditions are found.
5. Check for proper chemical solution delivery.

WEEKLY

1. Grease the brush shaft four bolt flange bearings. Do not allow grease to come in contact with brush cloth.



Preventive Maintenance

MONTHLY

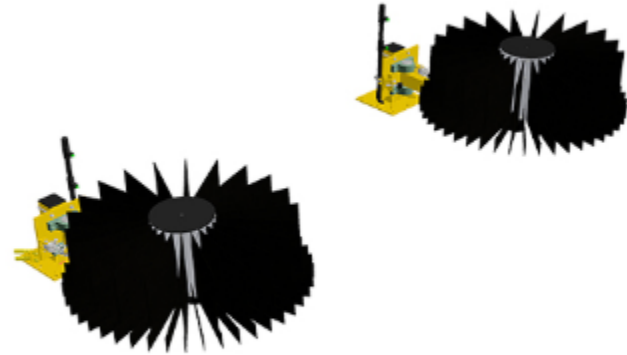
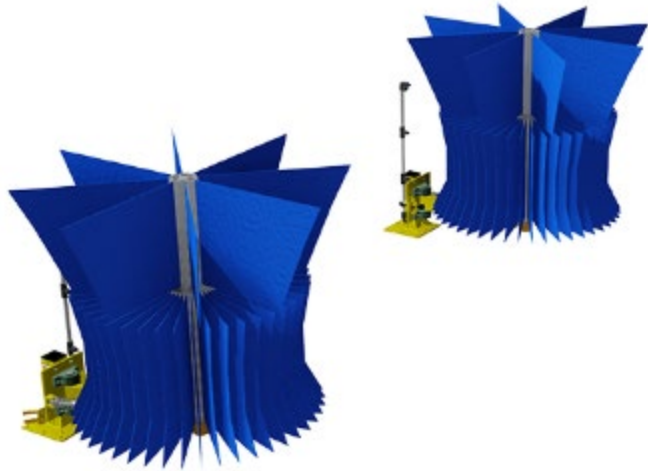
1. Inspect all hardware and fittings for tightness.
2. Grease the brush hanger pillow block bearings. Do not allow grease to come in contact with brush cloth.
3. Inspect soap solution spray nozzles for wear. Replace as necessary.
4. Thoroughly clean the equipment and framework.

SEMI-ANNUALLY

1. Carefully inspect brush equipment cloth for wear and damage. Replace as necessary.



Bottom Motor Side Washer



**SFB 18in Hub
Side Washer**



Product Specifications

- Constructed from aluminum or stainless steel
- Available simple mechanical brush pressure adjustment
- Staggered or opposed placement
- 66 inches of tunnel length required in opposed configuration in six cleaning heights: 18, 21, 28, 35, 50 or 63 inches



Slide Cardboard Underneath at Night

