

We Make Brushes.  
It's What We Do.



**UNITED**  
ROTARY BRUSH CORPORATION



United Rotary Brush provides our customers with the greatest value in Rotary and Engineered Brushes. Customer satisfaction is our top priority! At United Rotary Brush you will receive courteous, prompt and knowledgeable service. We provide you with the answers and solutions you need by utilizing our sales team's 100+ years of combined industry knowledge. Our manufacturing teams are world class and strategically located to meet your regional needs. They ensure consistent product performance, quality and availability. You can count on URB to stand behind everything we do and honor our commitments.

Whether you're an existing customer or considering us for the first time, we work hard to earn your trust. United Rotary Brush employees are empowered, easy to do business with, manufacture superior products and build strong relationships. Our goal is to be your partner in the industry and the number one choice for your brush needs.

At United Rotary Brush, we build brushes and relationships - it's what we do!



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# Street Sweeping Product

## Tube Brooms

We construct our tube brooms with our own virgin polypropylene filament for better “flick action.” Combined with more wraps than the average broom, our tube broom provides you with more sweeping ends per square inch of broom face for consistent sweeping results. Compare our filament weight with the cheaper brooms, and you will see why United Rotary Brush Tube Brooms are the right choice.



### Broom Basics Tip!

Proper speed reduces stress to the broom. If you travel too fast, the debris piles up in front of the broom causing you to bulldoze instead of sweep. This can damage not only the broom, but also the core, chains, sprockets, drive lines and frame.



| Manufacturer/Model    | Part #       | Length |
|-----------------------|--------------|--------|
| Elgin Broom Bear      | 21-083658MOP | 58"    |
| Elgin Eagle           | 21-083660EAP | 60"    |
| Elgin Pelican         | 21-083666ELP | 66"    |
| Elgin Road Wizard     | 21-083660EAP | 60"    |
| Global M3/MX3         | 21-053256VNP | 56.5"  |
| Global Python 2500    | 21-083660EAP | 60"    |
| Johnston 3000/4000    | 21-053256VNP | 56.5"  |
| Mobil Athey           | 21-083658MOP | 58"    |
| Schwarze M5000        | 21-083658MOP | 58"    |
| Schwarze M6 Avalanche | 21-083658MOP | 58"    |
| Tennant 830           | 21-082450TEP | 50"    |
| Tennant Centurion     | 21-083668TEP | 68"    |
| Wayne Gladiator       | 21-083660EAP | 60"    |
| Wayne Warrior         | 21-083668TEP | 68"    |

\*COMBO TUBE BROOMS AVAILABLE

Check out our BroomFinder @ [www.united-rotary.com](http://www.united-rotary.com) for an expanded product list.





## Small Diameter Tube Brooms

For Vac-U-Sweep applications, we offer our small diameter tube brooms. These brooms are not intended for sweeping, but are used for agitation. Gutterbrooms sweep the debris in front of the small diameter agitation broom, as the vacuum head picks up the debris.



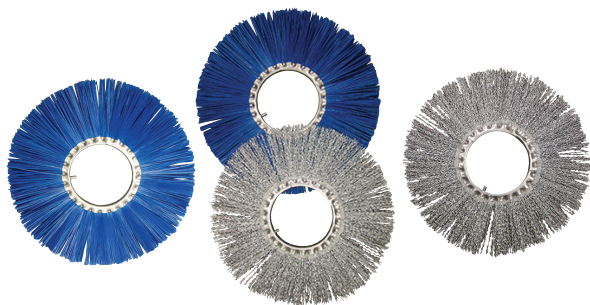
| Manufacturer/Model | Part #          | Length |
|--------------------|-----------------|--------|
| Elgin Crosswind    | 21-021278CRP    | 78"    |
| Elgin GeoVac       | 21-021660W/WP   | 60"    |
| Elgin Whirlwind    | 21-021660W/WP   | 60"    |
| Elgin Whirlwind MV | 21-021654ELP    | 54"    |
| Johnston 400       | 21-041248ECP    | 48"    |
| Johnston 600       | 21-041552JOP    | 52.5"  |
| Johnston 650       | 21-041551JOP650 | 51"    |
| Tymco 600          | 21-021279TYP    | 79"    |
| Vac/All            | 21-021640LVP    | 40"    |
| Vactor 780         | 21-041958SUPDZ  | 58"    |



### Broom Basics Tip!

“Flick Action” is the movement of the broom bristle when in use. Each strand “flicks” as the broom rotates. Flicking of the filament is required for best sweeping results. If you are flicking, you are sweeping, if you are not flicking, you are plowing or pushing.

## Poly & Wire Wafers



| 5" X 15" Wafers  | Part #       |
|------------------|--------------|
| Poly Flat        | 01-050150PW  |
| Wire Flat        | 06-050150W/W |
| Spacer           | 15-SPACER05  |
| 10" X 36" Wafers | Part #       |
| Poly Flat        | 01-100360PW  |
| Wire Flat        | 06-100360W/W |
| Spacer           | 15-SPACER10  |
| Poly Convoluted  | 04-100360PC  |
| Wire Convoluted  | 09-100360WC  |

When your street sweeper application calls for wafers, we carry 5" x 15" flat wafers, available in poly or wire filament. United Rotary Brush also offers 10" x 36" wafers in poly and wire, both available in flat and convoluted. Wafer combinations in poly and wire filaments allow you the flexibility to customize your broom to meet specific sweeping conditions.

# UnitedPro™ Strip Brooms

Our center sweep design directs the debris towards the center of the sweeping path to prevent streaking and promote center hopper loading. This reduces elevator wear and the need for constant adjustments.

The UnitedPro Strips are easy to install and replace. The plastic-back strips easily slide in and out of your core, reducing downtime. Strips are available in regular (18) or heavy duty (21) strips per set.

Every UnitedPro Strip is constructed of 100% polypropylene. They are also 100% recyclable. Check with your local recycling center to see if they will accept worn UnitedPro Strips.



UnitedPro Strips fit in compact boxes, reducing shipping costs up to 60% and more over tube brooms. Also the packaging of strips brooms make them easy to stack and store.



Change your sweeper's main broom without removing the core, on site and by yourself, in under 15 minutes



Center sweep mandrel directs debris to the center of sweeping path for impressive results



Easy on the environment, as the UnitedPro Strips are 100% recyclable





A mandrel is a hollow tube that slides onto the broom arbor. A mandrel is used on a municipal street sweeper when converting from a tube broom to a strip broom. Mandrels are 18 rows.



### Broom Basics Tip!

Converting a tube broom to a strip broom is easy! Remove the tube broom and replace with a strip broom mandrel or core, then insert the UnitedPro strips.

| Manufacturer/Model    | Part #      | Length | # per Set | Core #     | Mandrel # |
|-----------------------|-------------|--------|-----------|------------|-----------|
| Johnston 3000/4000    | 20-130565AP | 56.5"  | 13        | 27-APC565  | N/A       |
| Global M3/MX3         | 20-130565AP | 56.5"  | 13        | 27-APC565  | N/A       |
| Elgin Broom Bear      | 20-130580AP | 58"    | 18        | 27-APC58   | 27-AP58   |
| Elgin Eagle           | 20-130600AP | 60"    | 18        | 27-APC60   | 27-AP60   |
| Elgin Pelican         | 20-130660AP | 66"    | 18        | 27-APC66   | 27-AP66   |
| Elgin Road Wizard     | 20-130600AP | 60"    | 18        | 27-APC60   | 27-AP60   |
| Global Python 2500    | 20-130600AP | 60"    | 18        | 27-APC60   | 27-AP60   |
| Mobil Athey           | 20-130580AP | 58"    | 18        | 27-APC58   | 27-AP58   |
| Schwarze M5000        | 20-130580AP | 58"    | 18        | 27-APC58   | 27-AP58   |
| Schwarze M6 Avalanche | 20-130580AP | 58"    | 18        | 27-APC58   | 27-AP58   |
| Wayne Gladiator       | 20-130600AP | 60"    | 18        | 27-APC60   | 27-AP60   |
| Elgin Broom Bear      | 20-120580AP | 58"    | 21*       | 27-APC2158 | N/A       |
| Elgin Eagle           | 20-120600AP | 60"    | 21*       | 27-APC2160 | N/A       |
| Elgin Pelican         | 20-120660AP | 66"    | 21*       | 27-APC2166 | N/A       |
| Elgin Road Wizard     | 20-120600AP | 60"    | 21*       | 27-APC2160 | N/A       |
| Global Python 2500    | 20-120600AP | 60"    | 21*       | 27-APC2160 | N/A       |
| Mobil Athey           | 20-120580AP | 58"    | 21*       | 27-APC2158 | N/A       |
| Schwarze M5000        | 20-120580AP | 58"    | 21*       | 27-APC2158 | N/A       |
| Schwarze M6 Avalanche | 20-120580AP | 58"    | 21*       | 27-APC2158 | N/A       |
| Tennant Centurion     | 20-120680AP | 68"    | 21*       | 27-APC2168 | N/A       |
| Wayne Gladiator       | 20-120600AP | 60"    | 21*       | 27-APC2160 | N/A       |
| Wayne Warrior         | 20-120680AP | 68"    | 21*       | 27-APC2168 | N/A       |

\*UnitedPro strips are available in 21 strips per set for heavy-duty sweeping.

**Check out our BroomFinder @  
[www.united-rotary.com](http://www.united-rotary.com)  
 for an expanded product list.**



Cores have drive plates welded in each end. The drive plates are what allows the core to be mounted to the machine. Cores can either be 18 rows for standard sweeping or 21 rows for heavy-duty sweeping.

# Blue Steel Gutter Brooms

**Proven, Powerful Performance.** Thanks to revolutionary new technology, United Rotary Brush's Blue Steel patented, cold rolled wire delivers the same durability and long broom life you expect to find only in oil tempered wire. After nearly two years of rigorous testing, we've established that Blue Steel delivers the same - if not better - performance as oil tempered wire.

**Superior Quality at Superior Value.** The innovative manufacturing process used to produce Blue Steel is so efficient, we really can deliver superior performance in the cold rolled price range.

**Easy on the Environment.** Because Blue Steel is manufactured without oil tempering, it is a more environmentally-friendly product. Plus, there are no harmful by-products to leach into water supplies and soil.



**Check out our BroomFinder @  
[www.united-rotary.com](http://www.united-rotary.com)  
for an expanded product list.**



### Broom Basics Tip!

To maintain optimum performance, replace your gutter broom when the strands reach one-half their original length. This measurement is equal to approximately 5 inches.

| Manufacturer/Model    | Part #       |
|-----------------------|--------------|
| Elgin Broom Bear      | 41-PATELP5   |
| Elgin Crosswind       | 41-PATWWP2   |
| Elgin Crosswind       | 41-PATELP4   |
| Elgin Crosswind J     | 41-PATELP5   |
| Elgin Eagle           | 41-PATELP5   |
| Elgin GeoVac          | 41-PATWWP2   |
| Elgin Pelican         | 41-PATELP4   |
| Elgin Road Wizard     | 41-PATELP5   |
| Elgin Whirlwind       | 41-PATWWP2   |
| Elgin Whirlwind MV    | 41-PATWWP2   |
| Elgin Whirlwind MV    | 41-PATELP4   |
| Global M3/MX3         | 41-PATFMP12  |
| Global Python 2500    | 41-PATWAP+4  |
| Johnston 400          | 41-PATJOW113 |
| Johnston 600          | 41-PATJOW116 |
| Johnston 650          | 41-PATWWP2   |
| Johnston 3000/4000    | 41-PATFMP12  |
| Johnston 3000/4000    | 41-PATWAP4   |
| Masco                 | 41-PwMAW1626 |
| Mobil Athey           | 41-PATMOP4   |
| Night Hawk            | 41-PATWWP2   |
| Schwarze A4000        | 41-PATELP4   |
| Schwarze A9000        | 41-PATELP5   |
| Schwarze M5000        | 41-PATELP5   |
| Schwarze M6 Avalanche | 41-PATELP5   |
| Schwarze 333          | 41-PATWWP2   |
| Schwarze 340 Series   | 41-PATELP420 |
| Tennant 830           | 41-PATTEW1   |
| Tennant Centurion     | 41-PATELP5   |
| Tymco 210             | 41-PATELP420 |
| Tymco 435             | 41-PATELP4   |
| Tymco 600             | 41-PATMOP4   |
| Vac/All               | 41-PATVAW1   |
| Vac/All               | 41-PATVAW3   |
| Victory Sweeper       | 41-PATELP420 |
| Wayne Gladiator       | 41-PATELP5   |
| Wayne Warrior         | 41-PATELP5   |

**Inquire About Bulk or Gaylord  
Pricing on Gutterbrooms.  
Saves you Money!**

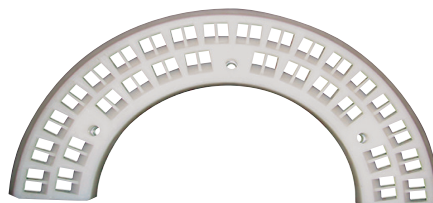


# Gutter Broom Segments

Our industry's sweepers utilize several different types of blocks or segments. United Rotary Brush Corporation can help you with your specific replacement gutter broom requirements.



80-MOPN  
Mobil Athey/Tymco Style Block  
35 holes



80-ELWP  
Elgin Whirlwind Block  
30 holes



80-WAPNA  
Wayne Block  
32 holes



80-ELPN  
Elgin/Tymco Style Block  
31 holes



80-QPN  
Quickie Block  
12 holes



80-SBIPN  
SBI Block  
12 holes

# Road Building Product

## Tube Brooms

Professionals who understand the value of quality products make United Rotary Brush their first choice for quality-built Tube Brooms. Our Tube Brooms give you better sweeping coverage with more broom wraps and more sweeping ends than our competitor's tube brooms, for impressive sweeping results.

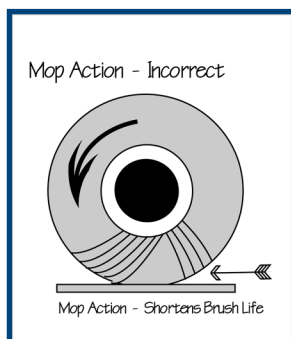
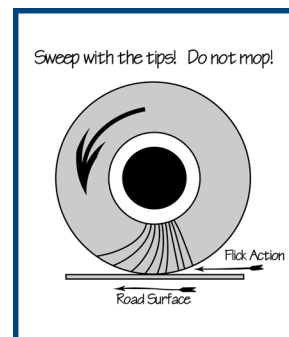
| Manufacturer/Model     | Part #         | Length           |
|------------------------|----------------|------------------|
| Broce                  | 22-10329ICTP   | 10" x 91"        |
| Broce                  | 22-103296CTP   | 10" x 96"        |
| Challenger 7' I & II   | 22-083678CTPRB | 8 5/8" x 77 1/2" |
| Rosco RB48             | 22-083290CTP   | 8 5/8" x 90"     |
| Rosco RB48             | 22-10329ICTP   | 10" x 91"        |
| Rosco Sweep Pro        | 22-083290CTPRB | 8 5/8" x 90"     |
| Waldon SweepMaster     | 22-103288CTP   | 10" x 88"        |
| Rosco 8' Challenger II | 22-083689CTPRB | 8 5/8" x 89"     |

\*COMBO TUBE BROOMS AVAILABLE



### Proper Down Pressure

Improper downward pressure can decrease broom life up to 95%. A broom sweeps with the tips of its bristles. When too much down pressure is applied, the broom is no longer using its tips; the broom is now working with the sides of the bristles. This limits the flicking action of the bristles, limits its sweeping effectiveness and shortens the life of the broom.



To check for correct down pressure, operate the broom on the ground and rotate at normal operating speed with the machine remaining stationary, then stop and lift the sweeping assembly. The correct sweeping path of a properly adjusted broom will clear a 2" - 4" wide pattern.



## Tips and Techniques for Getting the Most Life from your Broom



Keep your broom level to optimize surface coverage and extend broom life



Do not exceed proper down pressure which will limit the “flick action” of the filament



Maintain consistent ground speed to prevent debris from piling up in front of the broom



Rotate your broom end-over-end during its useful cycle to help prevent the broom from coning



### Broom Basics Tip!

Different types of debris require different types of broom filament. Refer to the chart on page 11, “Filament Recommendations for Various Sweeping Applications”, to determine which filament is best for your application.

Check out our BroomFinder @ [www.united-rotary.com](http://www.united-rotary.com) for an expanded product list.

BroomFinder 

# UnitedPro<sup>TM</sup> Strip Brooms


With the Spiral Strip mandrel, our United ProStrip Broom moves debris with impressive sweeping results. The Spiral sweep mandrel keeps the broom in constant pavement contact reducing vibration and wear. This reduces sweeper maintenance and the need for frequent broom adjustments. Change out your main broom without removing the mandrel. A job that used to take two men and too much time only takes one pair of hands and just minutes on the job, reducing costly downtime. With 90% less volume than a standard tube broom, the UnitedPro Strip Broom takes up less space to store and reduces shipping costs. These strips can also be recycled. Please check with your local recycling center.



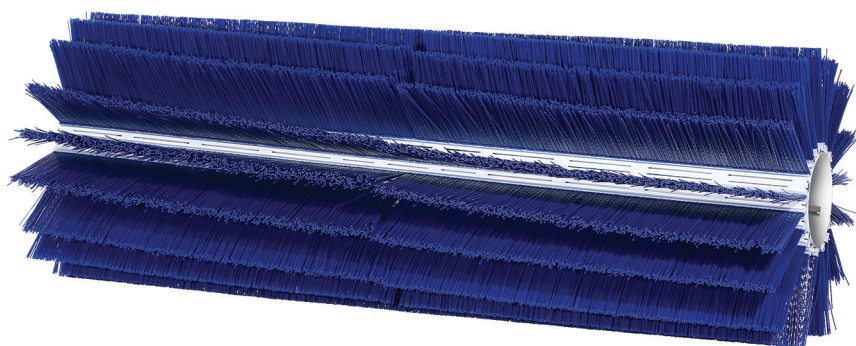
| Manufacturer/Model | Part #      | Length | # per Set | Mandrel # |
|--------------------|-------------|--------|-----------|-----------|
| Broce              | 20-110455AP | 91"    | 36        | 27-AP91   |
| Rosco RB48         | 20-110455AP | 91"    | 36        | 27-AP91   |
| Waldon SweepMaster | 20-110440AP | 88"    | 36        | 27-AP88   |



UnitedPro Strips (36 strips per set) fit in compact boxes, reducing shipping and storage costs.



**Broom Basics Tip!**  
Mandrels that sweep debris to the center are used by the street sweeping industry and spiral sweep mandrels work best for the road building industry.



# UNITEDPRO™

## STRIP BROOMS



Spiral Sweep Mandrel Improves Sweeping Action



Easy to Install and Replace

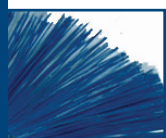


Change-out on the Job in Minutes



Recyclable and Environmentally Friendly

### Filament Recommendations for Various Sweeping Applications



**Poly - Loose Debris & Dry Snow Sweeping Conditions.** Typically the longest lasting filament and is used for sweeping in all seasons. Poly filament provides maximum “flick action” due to better flexibility under routine sweeping conditions found when sweeping light debris, dirt, sand, leaves, paper, etc.



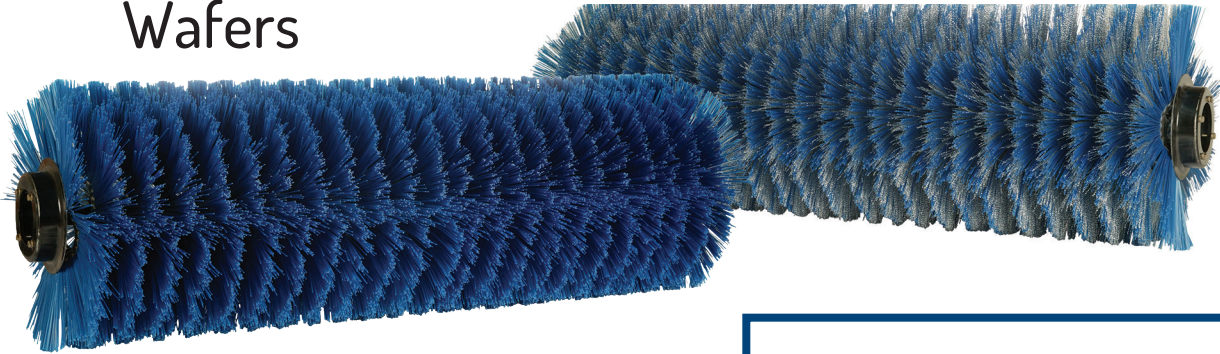
**Poly/Wire Combination - Varying Sweeping Conditions.** Poly and wire filaments used in combination to sweep a variety of conditions without changing cores and are considered the best multi-purpose wafer. Effective for sweeping in a general mixture of mild conditions.



**Wire - Affixed Debris & Compacted Sweeping Conditions.** Made of high carbon galvanized spring steel, our wire filament is the stongest and most aggressive type of filament due to very sharp tips that provide cutting action. Best used for compacted debris and in wet or compacted snow and ice removal.



## Poly & Wire Wafers



With the Spiral Strip mandrel, our United ProStrip Broom moves debris with impressive sweeping results. The Spiral sweep mandrel keeps the broom in constant pavement contact reducing vibration and wear. This reduces sweeper maintenance and the need for frequent broom adjustments. Change out your main broom without removing the mandrel. A job that used to take two men and too much time only takes one pair of hands and just minutes on the job, reducing costly downtime. With 90% less volume than a standard tube broom, the UnitedPro Strip Broom takes up less space to store and reduces shipping costs. These strips can also be recycled. Please check with your local recycling center.

- Road Construction
- Landscaping
- Parking Lot/Street Sweeping
- Construction Debris Clean Up
- Light Snow Removal
- Universities and Hospitals
- Pathways and Trails



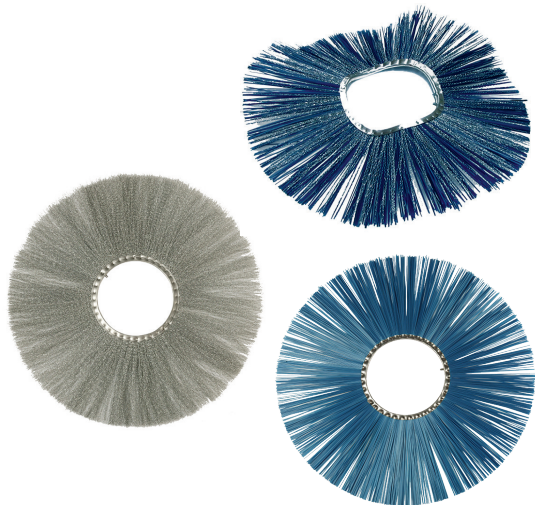
### Broom Basics Tip!

A general rule of thumb to determine the number of wafers needed is 7 flat wafers per foot or 6 convoluted wafers per foot.

| Manufacturer/Model | Wafer Size       |
|--------------------|------------------|
| Catepillar         | 8 1/8" x 26"     |
| Catepillar         | 10" x 27"        |
| Catepillar         | 10" x 36"        |
| Balderson          | 7 1/8" x 24"     |
| Bobcat             | 6 3/8" x 21 3/8" |
| Bobcat             | 10" x 32"        |
| Broce              | 6 3/8" x 24"     |
| Broce              | 10" x 32"        |
| Holder             | 10" x 32"        |
| John Deere         | 10" x 32"        |
| Kubota             | 6 3/8" x 24"     |
| Lay-Mor            | 6 3/8" x 24"     |
| M-B                | 6 3/8" x 24"     |
| M-B                | 10" x 32"        |
| New Holland        | 6 3/8" x 18"     |
| Roadtec            | 10" x 32"        |
| Rosco              | 10" x 32"        |
| Sweepster          | 6 3/8" x 24"     |
| Sweepster          | 8 1/8" x 26"     |
| Sweepster          | 10" x 32"        |
| Superior Broom     | 10" x 32"        |
| Terramite          | 6 3/8" x 24"     |
| Trackless          | 10" x 32"        |
| Waldon Sweepmaster | 10" x 32"        |




Check out our BroomFinder @ [www.united-rotary.com](http://www.united-rotary.com) for an expanded product list.



- Self-Contained
- Skid Steer Loaders
- Tow Behinds
- Tractors
- Mowers
- Loader Backhoes
- Walk Behind Sweepers

Whether you are in road construction, the landscaping business or responsible for the upkeep of your city or county's parks and recreation system, and whether the application calls for sweeping debris to light snow removal, United Rotary Brush has the wafers you need to fit most machines.

| 6 3/8" x 18" Wafers     |  | Part #       |
|-------------------------|--|--------------|
| Poly Convoluted         |  | 04-063818PC  |
| 6 3/8" x 21 3/8" Wafers |  | Part #       |
| Poly Convoluted         |  | 04-063213PC  |
| Wire Convoluted         |  | 09-063213WC  |
| 6 3/8" x 24" Wafers     |  | Part #       |
| Poly Flat               |  | 01-063240PW  |
| Wire Flat               |  | 06-063240WW  |
| Spacer                  |  | 15-SPACER638 |
| Poly Convoluted         |  | 04-063240PC  |
| Wire Convoluted         |  | 09-063240WC  |
| Combo Convoluted        |  | 12-063240CC  |
| 7 1/8" x 24" Wafers     |  | Part #       |
| Poly Flat               |  | 01-071240PW  |
| Wire Flat               |  | 06-071240WW  |
| Spacer                  |  | 15-SPACER718 |
| 8 1/8" x 26" Wafers     |  | Part #       |
| Poly Convoluted         |  | 04-081260PC  |
| Wire Convoluted         |  | 09-081260WC  |
| Combo Convoluted        |  | 12-081260CC  |
| 10" x 27" Wafers        |  | Part #       |
| Poly Flat               |  | 01-100270PW  |
| Wire Flat               |  | 06-100270WW  |
| Spacer                  |  | 15-SPACER10  |
| 10" x 32" Wafers        |  | Part #       |
| Poly Flat               |  | 01-100320PW  |
| Wire Flat               |  | 06-100320WW  |
| Combo Flat              |  | 12-100320CW  |
| Spacer                  |  | 15-SPACER10  |
| Poly Convoluted         |  | 04-100320PC  |
| Wire Convoluted         |  | 09-100320WC  |
| Combo Convoluted        |  | 12-100320CC  |
| 10" x 36" Wafers        |  | Part #       |
| Poly Flat               |  | 01-100360PW  |
| Wire Flat               |  | 06-100360WW  |
| Spacer                  |  | 15-SPACER10  |



### Broom Basics Tip!

Our convoluted wafers provide the best value due to our spacerless design. Convoluted wafers are more environmentally friendly, as there is less waste disposal and are easy to install. For normal sweeping applications, install wafers rotating 180°. For a dense pack, install wafers on cores with 4 drive bars at 90°. This application does require the purchase of more wafers.

# Runway Sweeping Product

## Runway Sweeping Wafer Sections

Because you depend on reliable sweeper brooms to keep your runways clear and safe, United Rotary Brush manufactures a complete line of Runway Sweeper Wafer Sections built to sweep the way you expect -- tough enough to cut through the worst ice and snow, with durability to give you more sweeping hours when it counts most.

Our Runway Sweeper Wafer Sections are compatible with the most popular sweepers on the runways today. They also meet U.S. and Canadian government specifications for use on military bases.



### Broom Basics Tip!

Wafer sections should be replaced when the filament length reaches 5 - 6 inches.

### 10-3/4" x 36" Wafer Sections



- Filled with our own Poly Filament for superior "flick action" or Wire Filament for extra "cutting action"
- Available in Flat Sections with compatible spacers or "spacerless" Convoluted Sections
- Heavy-duty Wire Sections also available

### 19-1/2" x 46" Wafer Sections



- For high-speed runway sweeping and snow removal
- Available with Poly Filament, or standard and heavy-duty Wire Filament
- Flat Sections only



## Balanced Wafers

United Rotary Brush balances every wafer. We mark the wafer at the heavy point with a black mark, ensuring proper installation of a balanced broom. To install wafers, locate the black mark on the inside of the wafer ring. This mark indicates the “heavy” point of the wafer. Install the next wafer on the core, rotating the position of the black mark 90-degrees for every consecutive wafer section.

| 10 3/4" x 36" Wafers  | Part #        |
|-----------------------|---------------|
| Poly Flat             | 01-103360PWA  |
| Wire Flat             | 06-103360WWA  |
| Wire Heavy Flat       | 06-103360WWAH |
| Spacer                | 15-SPACER1034 |
| Poly Convoluted       | 04-103360PCA  |
| Wire Convoluted       | 09-103360WCA  |
| Wire Heavy Convoluted | 09-103360WCAH |
| 19 1/2" x 46" Wafers  | Part #        |
| Poly Flat             | 05-191460PWA  |
| Wire Flat             | 05-191460WWA  |
| Wire Heavy Flat       | 05-191460WWAH |
| Spacer                | 05-SPACER1912 |

## Grading Wafers

After balancing the wafer, United Rotary Brush ensures you get the highest quality by proceeding to grade the out-of-balance of each wafer. Our wafers are graded to fall within a 36 inch/ounce variance. By narrowing the range of variance in our wafers, the quality of the broom improves.



### Broom Basics Tip!

To get the best life from your broom, it is important that flat wafers are tightly compressed. The core must be full. Mount one wafer extending beyond the end of the core and compress by tightening the bolts in the endplate.

| Condition        | Broom Pattern | RPMS    |
|------------------|---------------|---------|
| Light Snow 3"-5" | 4"- 6"        | 600-900 |
| Light Snow 1"-3" | 3"- 5"        | 600-900 |
| Light Snow < 1"  | 2"- 4"        | 600-900 |
| Wet Snow 1"-3"   | 4"- 6"        | 600-900 |
| Wet Snow < 1"    | 3"- 5"        | 600-900 |
| Dry Sweeping     | 2"- 4"        | 600-900 |

This chart will help you set the proper down pressure for your sweeping conditions.

## Dense Pack

When conditions require more cutting action to get through the ice and slush, consider going with a dense pack. This option involves the application of twice as many wire wafers as poly wafers.

BroomFinder 

Check out our BroomFinder @  
[www.united-rotary.com](http://www.united-rotary.com)  
 for an expanded product list.

## Runway Sweeping Cassette Sections

High-Speed Cassette Sections from United Rotary Brush offer quick replacement, saving you time and money. The cassette brush sections are mounted on a specially-designed aluminum mandrel that slides over your existing core or can be mounted separately. One person can change all the cassette brush sections without removing the core from the sweeper. High-Speed Cassette Sections can be used on all types of runway sweeping equipment.



| Manufacturer/Model         | Core Description          | Part #        | Part Description            | # Bars | # Rows |
|----------------------------|---------------------------|---------------|-----------------------------|--------|--------|
| Boschung 4300              | 14' core 36" dia.         | 29-CW272096   | tufted wire cassette refill | 96     | 16     |
| BucherSchorling P17H       | 14' core 36" dia.         | 29-CW272096   | tufted wire cassette refill | 96     | 16     |
| Idaho Northland/SIB core   | 16' split core 46" dia.   | 29-CW228144   | tufted wire cassette refill | 144    | 18     |
| M-B                        | 16' split core 46" dia.   | 29-CW235224   | tufted wire cassette refill | 224    | 28     |
| M-B                        | 18' split core 46" dia.   | 29-CW265224   | tufted wire cassette refill | 224    | 28     |
| M-B                        | 20' split core 46" dia.   | 29-CW235280   | tufted wire cassette refill | 280    | 28     |
| M-B                        | 22' split core 46" dia.   | 29-CW260280   | tufted wire cassette refill | 280    | 28     |
| Oshkosh/SIB core           | 16' split core 46" dia.   | 29-CW235144   | tufted wire cassette refill | 144    | 18     |
| Stewart&Stevenson          | 16' split core 46" dia.   | 29-CW239144   | tufted wire cassette refill | 144    | 18     |
| Stewart&Stevenson          | 18' split core 46" dia.   | 29-CW280144-2 | tufted wire cassette refill | 144    | 18     |
| Stewart&Stevenson SST300H  | 14' split core 36" dia.   | 29-CW272096   | tufted wire cassette refill | 96     | 16     |
| Stewart&Stevenson SST3300H | 16' core 36" dia.         | 29-CW280112   | tufted wire cassette refill | 112    | 16     |
| Sweepster                  | 16' split core 46" dia.   | 29-CW239144   | tufted wire cassette refill | 144    | 18     |
| Sweepster                  | 18' split core 46" dia.   | 29-CW280144-2 | tufted wire cassette refill | 144    | 18     |
| Vammas PSB4500H            | 18.5' split core 38" dia. | 29-CW272168   | tufted wire cassette refill | 168    | 16     |
| Vammas PSB5500H            | 23' split core 38" dia.   | 29-CW263210   | tufted wire cassette refill | 210    | 21     |

Wire cassette refills available in poly and poly/wire combinations.



### Broom Basics Tip!

We recommend you clean the cassette core channels prior to the installation of new cassette sections. Also, lubricating the channels with a light oil or silicone spray eases installation and helps to protect your core.



Safe and fast replacement



Lower labor costs



No tools or lifting devices required



BroomFinder 

Check out our BroomFinder @  
[www.united-rotary.com](http://www.united-rotary.com)  
for an expanded product list.

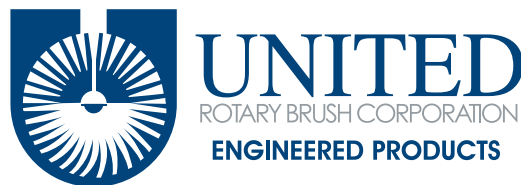


## Engineered Products & Specialty Brushes

The Engineered Products Division of United Rotary Brush specializes in the production of custom-made wide-face brushes and non-woven rolls for heavy industrial customers across North America and around the world. Our facility in Plain City, OH has the capacity to manufacture wide-face brushes of diverse diameters and lengths, and offers an extensive selection of abrasive, non-abrasive and wire filaments to suit your unique application.

Our people are dedicated to providing solutions for the distinct applications of our customers. Our extensive experience in product design allows us to make specific product recommendations based on our understanding of your unique application.

- Brush Rewraps
- Wide Face Disposable Brushes
- Disposable Brush Cores
- Shaft Maintenance
- Trommel Screen Brushes
- Deburring Brushes
- AND MORE!



8150 Business Way  
 Plain City, OH 43064  
 800-896-0003  
 Fax 937-642-3552

## Replacement Parts

When you need replacement parts for your machine, you can depend on United Rotary Brush. Our product line offers brooms, hydraulic motors, pick-up heads, conveyor components, belts and rollers, bearings, sprockets and more. Call to find out if we can get the part you need, we can get you back on the road in no time!

Elgin \* Broce Broom \* Tennant \* Sweepster \* Lay-Mor  
 Johnston \* Tymco \* Mobil \* Waldon



## In-Plant Sweeper Brooms

United Rotary Brush distributes OEM quality parts for all in-plant models of sweepers and scrubbers manufactured by Tennant, Power Boss, Advance, American-Lincoln and more. Contact us for your next order of exact-fit replacement brushes.



**We can ship anywhere!**



**UNITED**  
ROTARY BRUSH CORPORATION

QUOTE  CREDIT

ORDER #: \_\_\_\_\_

SHIP LOCATION: 01  02  04  CN

**INTERNAL USE ONLY**

# ORDER FORM

PURCHASE ORDER #: \_\_\_\_\_

ORDER DATE: \_\_\_\_\_

ORDERED BY: \_\_\_\_\_

SHIP DATE: \_\_\_\_\_

PHONE #: \_\_\_\_\_

SHIP VIA: \_\_\_\_\_

FAX #: \_\_\_\_\_

COLLECT  PPD/ADD  PPD/3RD

CUSTOMER #: \_\_\_\_\_

PPD/OE  PPD/SPLIT  CPU  99

SOLD TO: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SHIP TO: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

| QTY. | U.R.B. PART # | PRODUCT DESCRIPTION | UNIT PRICE |
|------|---------------|---------------------|------------|
|      |               |                     |            |
|      |               |                     |            |
|      |               |                     |            |
|      |               |                     |            |
|      |               |                     |            |
|      |               |                     |            |
|      |               |                     |            |

### CREDIT CARD INFORMATION:



CREDIT CARD #: \_\_\_\_\_

NAME ON CARD: \_\_\_\_\_

EXPIRATION DATE: \_\_\_\_\_

AUTHORIZATION #: \_\_\_\_\_

**INTERNAL USE ONLY**

MERCHANDISE: \_\_\_\_\_

TAX: \_\_\_\_\_

FREIGHT: \_\_\_\_\_

MISC.: \_\_\_\_\_

TOTAL: \_\_\_\_\_





# UNITED

ROTARY BRUSH CORPORATION





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