



## INSTALLATION INSTRUCTIONS 19.5" x 46" RUNWAY SWEEPER FLAT WAFER SECTIONS

**PLEASE FOLLOW ALL OF THE STEPS OF THE INSTALLATION INSTRUCTIONS!**

- 1) **CHECK YOUR CORE**...for any specification variances. Core O.D. must be 19.46"  $\pm$ .0/-0.085. for United Rotary Brush Wafer Sections. Check the outside diameter along the entire core length. All drive bars should be inspected for indentations or excessive wear.
- 2) **STAND CORE UPRIGHT**...with support for safety, when installing wafer sections. Flatten or straighten end plates and secure one in place on the bottom of core.
- 3) **BEGIN INSTALLING**...the wafers on the core, positioning the drive pins of each wafer section between the drives on the core. Install a new spacer between every consecutive wafer section. Always install NEW, UNUSED SPACERS to maintain tolerances.
- 4) **BUILD A BALANCED BROOM**...Upon installing WAFERS, locate the black mark on the inside of the wafer ring (wafers have been pre-balanced and this 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. If installing POLY/WIRE MIXED sets, install one poly wafer with a spacer, between each wire wafer, following the same 90-degree pattern. Poly Wafers should be the first and last wafers installed.
- 5) **COMPRESS THE BROOM**...by mounting one spacer, and if possible, an additional wafer beyond the end of core. Compress them down onto the core by tightening the end-plate and bolts to the core end resulting in a tightly compressed installation.
- 6) **REINSTALL CORE**...on the sweeper. To lower and move a refilled core, attach supports directly to the metal sweeper core. Do not apply force, pressure or lift to any part of the wafer or filament during the core installation onto the sweeper.
- 7) **ADJUST SWEEPING PATTERN**...as this is the main determinant of broom life. Remember, a broom sweeps with the tips of the filament, not the sides. DO NOT MOP! In extreme conditions, it is recommended that operators slow vehicle speed and increase the broom RPM in order to sweep effectively. DO NOT INCREASE DOWN PRESSURE TO THE BROOM.
- 8) **REPLACE WORN WAFERS**...when wafers reach one half of the original outside diameter.

All United Rotary Brush Corporation's Runway Sweeper Wafer Sections are guaranteed for quality material and workmanship. This warranty is void upon improper installation, use or installation on worn or undersized sweeper cores where the outside diameter is smaller than 19.375" for 46" sections. If you have any questions or need assistance please contact us.