

## MACHINE WASHING FLOAT / PATTERN GLASS AND WASHER MAINTENANCE

### DAILY MAINTENANCE

- ◆ Wash water should be changed at least once per shift.
- ◆ Wash tank should be drained, vacuumed, and rinsed **daily** to avoid sludge build up.
- ◆ Inspect rolls in rinse and drying sections for contaminants and clean as needed
- ◆ Wipe take off section rolls clean daily
- ◆ Remove any debris from drain screens

### WEEKLY MAINTENANCE

- ◆ Inspect sprocket and chain adjustment
- ◆ Inspect and grease bearings as needed
- ◆ Inspect rolls (especially top pinch rolls in rinse and drying sections) for damage and repair/replace
- ◆ Inspect/clean air knives
- ◆ Inspect pumps
- ◆ Inspect drive belts
- ◆ Inspect water lines for flow
- ◆ Inspect spray tubes
- ◆ Change blower filters
- ◆ Inspect brushes - adjust or replace as needed
- ◆ Inspect control panel, conduit, plugs, receptacles and heating elements
- ◆ Flush wash and rinse tanks (circulation of a strong detergent in the washer for several hours is desirable)
- ◆ Check all rubber and metal curtains for mineral build-up or contact with the top surface of the glass

### MONTHLY MAINTENANCE

- ◆ Steam clean washer a minimum of once per month (pay special attention to areas that can hold water allowing it to stagnate or collect contaminants)
- ◆ Clean wash and rinse spray tubes
- ◆ Clean air knife slots (it may be necessary to grind off mineral deposits)
- ◆ **DO NOT** use direct high pressure spray on brushes as permanent deformation may result

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## GENERAL NOTES

- ◆ Wash water temperature should be **130°F +** for all float and pattern glass.
- ◆ Brushes should be set so bristles are 1/32" below/above the glass surface. Bristles should be regular float bristles (crimped - .012" to .016" diameter), not soft bristles for sputter coated low-e. Pinch rolls should make only slight contact with the glass.
- ◆ Always run low-e coated side up
- ◆ Use a good detergent in the recommended concentration
- ◆ Insure an adequate flow of water to the brushes and rinse (1 GPM per foot of brushes if line speed is 10 FPM or less, more water is needed if line speed is increased or glass requires special cleaning)
- ◆ Continuously overflowing the wash and especially the rinse tanks into the overflow pipe is a good practice to help assure clean wash water.
- ◆ When running small lites in a large washer it is good to alternate where the glass is running in the washer to even out brush wear
- ◆ Brushes should be replaced/trimmed when wear makes adjustment difficult, especially in the center
- ◆ Never allow glass to stop in the washer especially under rotating brushes as marking can occur.
- ◆ When washing pyrolytically coated low emissivity glass a ph of 7+ is desirable for the soap/water concentration in the wash tank.
- ◆ De-Ionized water used in the rinse tank will help eliminate water spots and streaks.

**\*\*\* NOTE:** These instructions are for uncoated float and pattern glasses. These instructions are not to be used for any pyrolytically coated, sputter coated or other soft coating product.

For additional information contact AGC Technical Services at 1-800-251-0441.

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