

SERVICE INSTRUCTION

AEROBELL START-UP REQUIREMENTS

Inspector's
Initials

For Ransburg Technical Service Call: (800) 233-3366

Before Start-Up (Site Inspection)

<input type="checkbox"/>	Bell speed limits set (min. 10,000 RPM - max. 60,000 RPM).
<input type="checkbox"/>	Bearing air filters installed (RPM-418 .3 to .6 Micron Coalescing Filter, 19 SCFM).
<input type="checkbox"/>	Turbine air filters installed (RPM-417 .3 to .6 Micron Coalescing Filter, 136 SCFM).
<input type="checkbox"/>	Pneumatic and fluid lines connected (look for possible kinks especially bearing air).
<input type="checkbox"/>	Bearing air interlocked with turbine air.
<input type="checkbox"/>	Turbine air interlocked with paint trigger.
<input type="checkbox"/>	Is fluid flow rate (paint and solvent) known (fluid flow must be regulated 500ml/min or less)?
<input type="checkbox"/>	High voltage connections inspected (verify connections and wiring).
<input type="checkbox"/>	Grounding checked to a known earth ground (max. 1 Mega ohm).
<input type="checkbox"/>	Solvent flush set not to exceed 500ml/min.
<input type="checkbox"/>	High voltage interlocked installed on booth door.

Model #	Service Manual
A12381	LN-9264-08

Reference www.itwransburg.com
for service manual information

Start-Up Requirements

<input type="checkbox"/>	Bearing air pressure set 90 PSI (5.51-6.90 bar).
<input type="checkbox"/>	Brake air supply regulated (60-100 PSIG (414-689 kPa)).
<input type="checkbox"/>	Applicator inspected for air and fluid leaks, prior to operation.
<input type="checkbox"/>	Customer's PLC programmed correctly (review steps in code).
<input type="checkbox"/>	Fluid flow rates checked. Do not exceed 500 cc/min - minimum flow rate 25 cc/min.
<input type="checkbox"/>	Bell cup checked for tightness on spindle motor shaft (Torque 50-70 lbs•in (5.64-7.91 Nm)).
<input type="checkbox"/>	Bell cup must be spinning 20,000 RPM minimum before fluid flow, check interlocks.
<input type="checkbox"/>	Test bell cup wash function with bell cup spinning 20,000 RPM minimum.
<input type="checkbox"/>	Verify paint supply is regulated to applicator (max. pressure 200 PSI (1379 kPa)).
<input type="checkbox"/>	Verify solvent supply is regulated to applicator (max. pressure 150 PSI (1035 kPa)).
<input type="checkbox"/>	Test output voltage and output current (reference service manual for "Specifications").

Applicator Clean-Up:

Use only non-polar solvent for clean up of the applicator.
When cleaning applicator, make sure bearing air is on to prevent solvent intrusion into air motor.
Do not spray down the applicator with solvent. Wipe down with wetted towel carefully as required.
Make sure the rear well of the bell cup is clean from trapped paint to avoid air motor failures (shaft side).

NOTE: Additional information regarding applicator and/or its capability can be found in the corresponding service manual.
For "Spare Part Information" reference the applicator service manual.

Always use genuine ITW Ransburg replacement parts to assure maximum uptime with applicator.

Facility Representative: _____

Date: _____

ITW Ransburg Representative: _____

Date: _____

Manufacturing

1910 North Wayne Street
Angola, Indiana 46703-9100
Telephone: 260/665-8800
Fax: 260/665-8516
www.itwransburg.com

Technical/Service Assistance

Telephone: 800/ 626-3565 Fax: 419/ 470-2040
Telephone: 800/ 233-3366 Fax: 419/ 470-2071

Technical Support Representative will direct you to the appropriate telephone number for ordering Spare Parts.



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