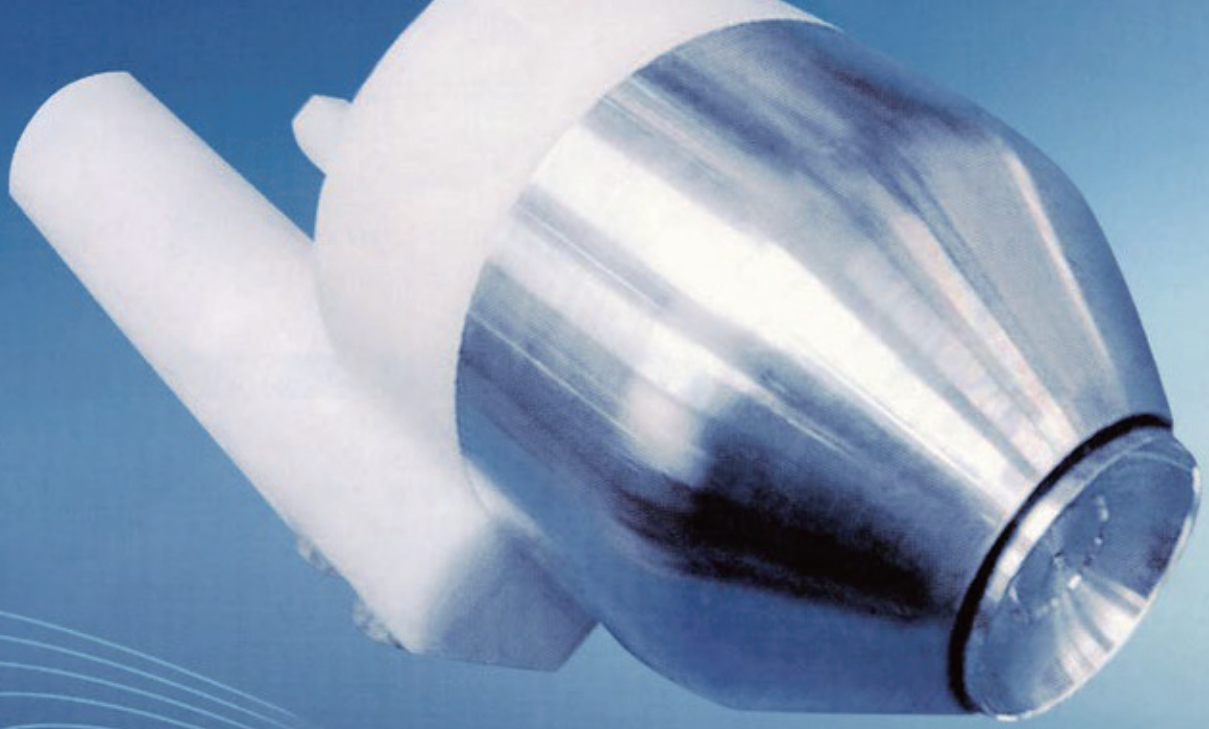
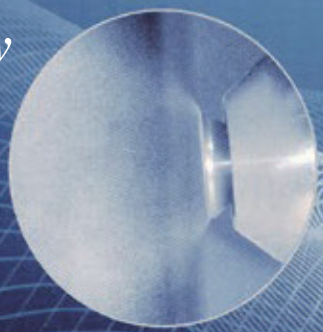
Ransburg®

2K-Bell

Automatic Electrostatic Rotary Atomization BELL



- *High transfer efficiency*
- *Innovation*
- *Safety*



Feature

- Resin and catalyst is mixed inside the bell cup making wood work/two component coating possible.
- Adoption of the latest shaping air system makes coating pattern adjustment possible.
- A small-size air bearing motor is employed on the unit.
- Compact design provides improved durability and superior motor performance.
- Electrostatic coating with superior atomization performance that is able to cope with a large discharge.

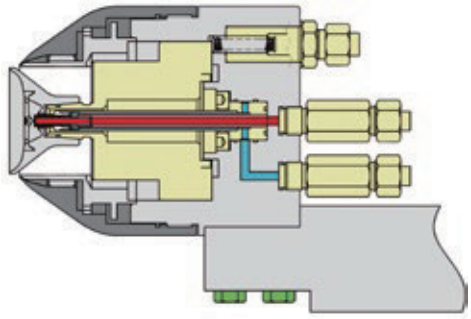
CARLISLE FLUID TECHNOLOGIES

Ransburg® Automatic Electrostatic Rotary Atomization Bell

High transfer efficiency / Innovation / Safety

Description

Based on our bell-type electrostatic equipment that was developed using Ransburg's many years of technical know-how, our new 2-component mixing bell is an even more compact, lightweight bell unit.
2-component coating is finally made possible without specialized 2-component mixing equipment by supplying the resin and catalyst separately through a double-feed tube and mixing them together right before the atomization inside the bell cup.
The long-life ultra small air bearing motor employed in the bell rotary drive unit makes superior atomization of all types of paints possible, from general industry paints to high solids-based paints, resulting in a high transfer efficiency.



Bell internal structure

Specifications




- Bell cup diameter : Φ50mm
- Bell rotation speed : 60,000 rpm (Max)
- Air consumption :
  - Turbine air : 210 L/min
  - Bearing air : 50 L/min (0.55MPa)
  - Shaping air : 200-500 L/min
  - Brake air : 100 L/min

- Paint delivery : 600 mL/min (Max)
- High voltage : DC-90kV (Max)
- Rotation sensor : Optical Fiber
- Filter : 0.01μm
- Length : 542mm
- Weight : 3.5kg

※ For improvement purposes, Design & Specifications may change without prior notice.

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