

**Ransburg**  
A **CARLISLE** BRAND

**Bell Type Coating Applicator with  
High Transfer Efficiency**

**RMB26**



**Realizes Electrostatic Coating in proximity to workpiece.**

**CARLISLE**  
FLUID TECHNOLOGIES

## Features

### Realizes High Transfer Efficiency

- A newly developed high-voltage controller controls current and voltage values at high speed to ensure electrostatic coating while maintaining safety.(Patented)
  - The new proper voltage and current control function prevents overcurrents and greatly reduces line stoppages due to high voltage abnormalities.
  - The actual transfer efficiency is greatly improved by maintaining proper electrostatic effect even when the applicator is close to the workpiece.
- A newly developed cascade built into the bell body provides a quick response to high voltage that was previously impossible. (Patented)
- By responding sensitively to minute changes in current, it avoids thick film on convex areas and thin film on concave areas to achieve a uniform finish, even on complexly shaped workpieces.

### Conventional Coating and Proximity Coating can be Realized with a Single Bell

- The distance between the applicator and the workpiece can range from 50mm to 250mm, and depending on the shape of the workpiece, either conventional coating or proximity coating can be selected.
- In the case of proximity coating, its theoretical coating efficiency is 100%. Actual transfer efficiency for various shapes is expected to improve by 15% to 20% compared to conventional coating. (Results in our lab)
- Conducting a lab test at our company is recommend before considering the introduction of this machine.

### Supports various coating conditions

- Metallic coating by proximity coating is also possible
  - High transfer efficiency prevents aluminum flakes in the metallic paint from scattering, resulting in a high-brightness finish.
- A wide variety of shaping air rings and bell cups are available to select an application pattern that meets paint finish requirements.

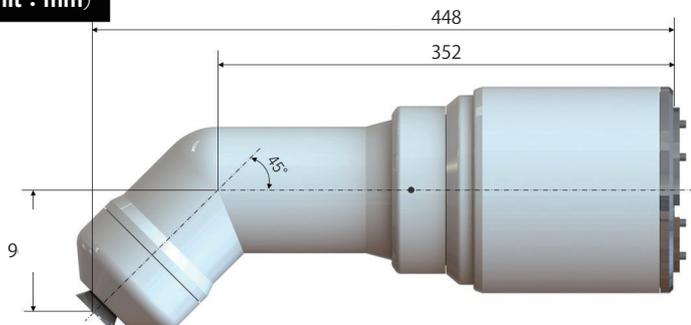
### Cost Reduction

- High transfer efficiency contributes to the reduction of paint usage, touch-up works, waste disposal, maintenance costs such as cleaning of painting facilities.

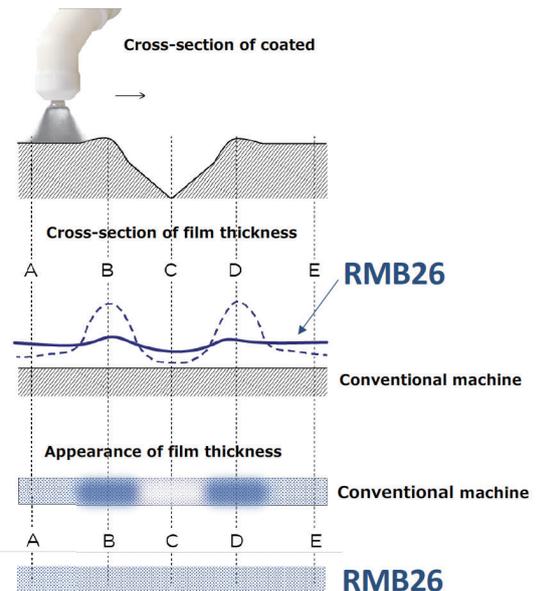
## Specifications

Model	RMB26	
Bell Cup Diameter	φ 40mm, φ 50mm	
Bell Rotation Speed	60,000 rpm Max.	
Air	Turbine Air	Max. 190 L/min [normal] (0.50[MPa])
Consumption	Bearing Air	Max. 42 L/min [normal] (0.5 ~ 0.65[MPa])
	Shaping Air	200 ~ 700 L/min [normal]
	Brake Air	Max. 160 L/min [normal]
	Pilot Air	0.45 ~ 0.60 [MPa]
Max. Paint Flow Rate	Max. 400 ml/min	
High Voltage	DC -60kV Max.	
Rotation Speed Detection	Fiber Optic	
Filtration	0.01 μm (Turbine, Bearing and Brake))	
Weight	6.5 kg	

## Dimensions (unit : mm)



## Figure : Corting image



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