

PRODUCT OVERVIEW

**Bell-type electrostatic coating unit
RMB26**



Product Type:

Bell-type coating systems are characterized by uniform paint particles generated through the high-speed rotation of the bell cup (excellent atomization performance). They achieve a high-quality finish and high transfer efficiency, while also offering versatility through spray pattern adjustment using shaping air.

Robot Bell System

Automatic rotary bell-type electrostatic coating equipment for robotic applications

① **Safety design**

Equipped with a high-voltage (HV) controller featuring multiple safety monitoring functions.

② **Compact design**

Incorporates an ultra-compact air motor and small valves to eliminate residual paint and cleaning fluid during color changes.

③ **Stable design**

A proprietary air motor designed for high-speed rotation ensures stable and consistent coating quality.



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Features

- *High coating efficiency*
- *Enables both long-distance and close-range coating with a single unit*
- *Supports various coating conditions, including metallic coatings through close-range application*
- *Contributes to coating cost reduction*

Technical Specifications

Model	RMB26
Bell cup diameter	Ø50 / Ø40 mm
Maximum rotational speed	60,000 rpm
Air consumption	190 L/min
Turbine air	42 L/min (0.5 MPa)
Bearing air	200–700 L/min
Spray air	160 L/min
Maximum recommended paint output	400 mL/min
Maximum output voltage	DC –60 kV
Rotation speed detection	Optical fiber
Paint filter	0.01 µm
Overall dimensions / Weight	~450 mm / 6.5 kg

Note: Specifications are subject to change without prior notice for improvement purposes.

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