

With the high-speed rotation atomiser **WAGNER TOPFINISH RobotBell 1**, both small workpieces and large surfaces can be coated with maximum efficiency.



The **WAGNER TOPFINISH RobotBell 1** is ideal for electrostatic applications with water and solvent-based paints. Thanks to its versatility and robust properties, it allows perfect surface coatings in a wide range of areas – such as for workpieces in the automotive, metal, plastic or wood industry.

- Ideal coating results with super-fine atomisation
- High variability thanks to individual adjustment of the spray jet with two shroud airs – depending on the workpiece geometry requirements, both a wide, soft spray pattern and a small, hard spray jet can be generated
- Minimum effort for assembly & maintenance thanks to sturdy turbine technology and components made from stainless steel



Low operating costs

Around 20% less air consumption than other comparable products.

Optimised control

Combination of the TOPFINISH RobotBell 1 with the RBC 1E control unit: automated control of the bell speed, control of high voltage, shroud and drive airs and other process parameters.



Efficient material consumption

Depending on the material, flow rate and workpiece, an application efficiency of over 90% can be achieved.

Versatile range of applications

Large selection of bell discs available to match the workpiece and material being used. The TOPFINISH RobotBell 1 is used in combination with robots.

Flexible production processes

The bell head on the high-speed rotation atomiser can be effortlessly replaced with an Airspray gun adapter, allowing rapid switching between Airspray and bell applications.

Time savings

Short paint changing times thanks to internal and external flushing of the bell disc as well as direct disposal of excess material via a dump valve. Manual rinsing is therefore not required.



Technical data

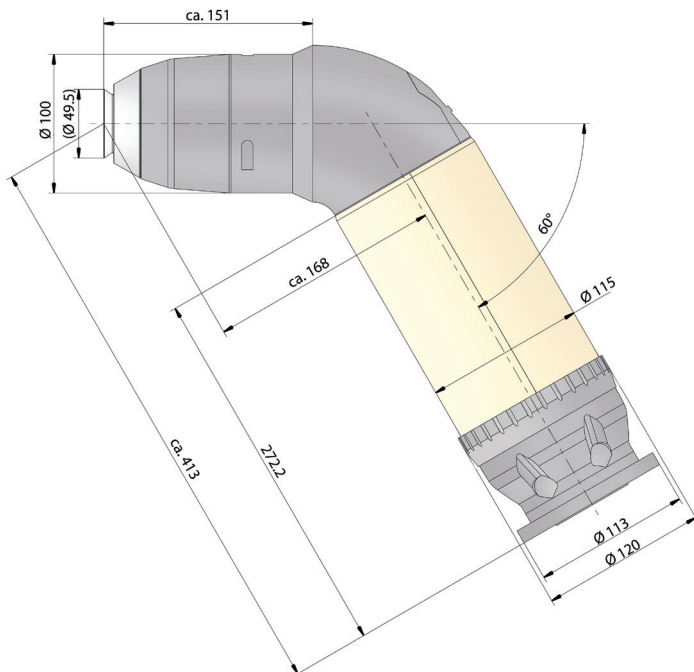
Characteristics	Values
Shaft bearing	Air bearing
Angle version	60°
Maximum voltage	70 kV (type A) or 100 kV (type B)
Nozzle sizes	Ø 0.8 / 1.1 / 1.4 / 1.7 mm
Bell disc - Size - Serration - Material	30 mm / 50 mm / 70 mm Smooth, straight / cross serrated Consistal / titanium
Material volume	25* - 800** ml/min
Spray jet diameter	Approx. 70 - 800 mm
Bearing air pressure	5.5 bar

* only possible with precise dosing units

** only possible with large bell disc & nozzles

Characteristics	Values
Drive air pressure	0 - 8 bar
Brake air pressure	0 - 6 bar
Shroud air pressure	0.2 - 4.5 bar
Material pressure	Typically 0.5 - 2.0 bar Max. 8 bar
Material connections	G 1/4" internal
Air connections	4 / 6 / 8 mm
Max. material temperature	+50 °C
Ambient temperature	0 °C to +40 °C
Temperature of turbine air	+15 °C to +50 °C

Dimensions (in mm)



Processable paint materials

- Solvent-based paint 1K / 2K
- Water-based paint 1K / 2K
- UV paint
- Sol-gel
- Micro corrosion protection paint

Typical applications

- Interior & exterior automotive components
- Agricultural & construction machine components
- Plastic components
- Furniture, window frames
- Bicycles

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