

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

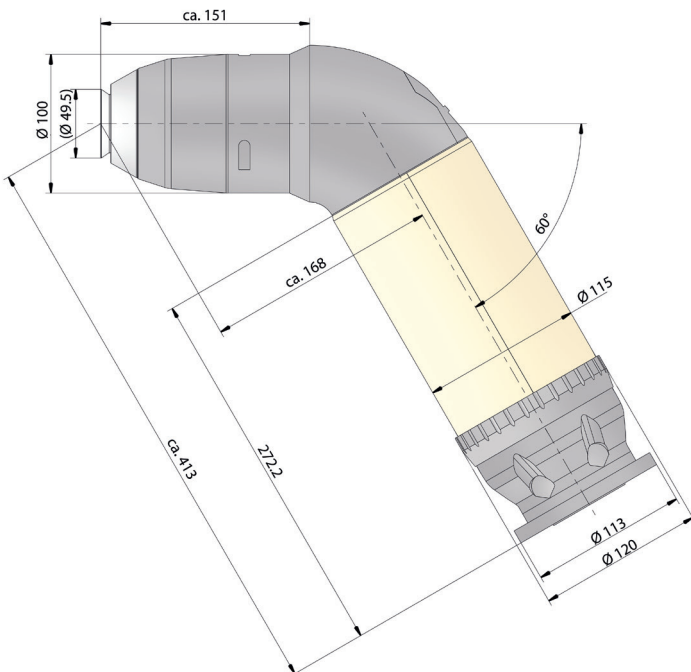
Characteristics	Values
Shaft bearing	Air bearing
Angle version	60°
Maximum voltage	70 kV (type A) or 100 kV (type B)
Nozzle sizes	Ø 0.8 / 1.1 / 1.4 / 1.7 mm
Bell disc - Size - Serration - Material	30 mm / 50 mm / 70 mm Smooth, straight / cross serrated Consistal / titanium
Material volume	25* - 800**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