

PEKU
tech GmbH

Calendering production lines

Powder coating machine PM 1000 RB



Illustrative example



Rotating round brushes ensure even application of powder coating

Continuously variable application of **all commercially available powder types**

Supplied with **four powder nozzles** with large cross-sections as standard

Large powder reservoir with a capacity of up to 90 l

Electrostatic discharge (optional)

Self-cleaning, differential pressure-controlled filter system

Please see overleaf for additional information and further options 

Additional information for PM 1000 RB

Max. product width	900 mm
Dimensions (W/D/H)	1000 x 2320 x 1960 mm
Power rating	Approx. 6,0 kW (IE3)
Controller logic (Siemens Simatic)	S7-1511C-1PN
Control panel	TP700 Comfort
Compressed air consumption	Approx. 4,5 Nm³/h
Operating pressure	6 bars
Weight	Approx. 900 kg

- Powder coating possible for wider applications up to 3,000 mm

CPU and HMI

- If desired, the machine can be equipped with a TP900 Comfort Panel.

Line synchronisation

- Line synchronisation via recipe management (up to 30 fully customisable recipes) for different products and line speeds.

Line & MES integration

- Integrate the machine as a staggered process into the upstream production line control system using bidirectional data exchange.
- A Manufacturing Execution System (MES) enables you to trace any data back from the production line to your factory database.

Options

We provide you with the option of customising your machine according to your specific requirements.

Fixed and swivel castors

- Sturdy and durable castors ensure that the machine can be manoeuvred easily.

Powder reservoir heating

- A silicone floor heating mat for the powder reservoir ensures that the powder remains dry.

Pull-off rollers on output side

- As an option, a pair of infinitely variable pull-off rollers can be fitted to support the product transport through the machine.

Electrostatic discharge

- Electrostatic charges on the products to be powdered are neutralized - required for ATEX certification.

Enclosure thermal management

- To protect the components in the enclosure against overheating, we recommend using a thermal management system at ambient temperatures above 40°C.

Sound insulation hood for filter unit

- An optional sound insulation hood is available to reduce the noise emissions of the filter unit.

Remote support

- We provide a remote support service in the event of a fault. Your machine is prepared for this in advance.

Initial operation

- We can also provide an optional support service to assist with initial operation as well as with training your operating and maintenance staff.

