

# PRIMA MANUAL POWDER COATING SYSTEM

## MANUAL POWDER COATING SYSTEMS FOR FAST COLOR CHANGES OR MEDIUM TO LARGE PRODUCTION RUNS

### PRIMA EPG 2008 CONTROL UNIT

Leading edge technology coupled with precision craftsmanship... the new **WAGNER PRIMA EPG 2008** control unit provides the powder coating market with an easy-to-use, revolutionary control system, combining manual adjustment controls with pre-defined or personalized recipes.

- **Exclusive one-touch powder volume knob.** While conventional controllers require the operator to carefully balance two air flow control knobs to change powder volume without changing the delivery velocity, the PRIMA EPG 2008 powder volume knob automatically balances air flow – one touch does it all.



- **Four (4) electrostatic pre-sets.** Recall electrostatic settings with the touch of a button. Factory defaults provide pre-sets for standard, faraday, recoats, and a fourth that is user-defined. All four presets can be reprogrammed or customized for your specific needs.

- **Total air control via one knob.** This knob changes the powder delivery velocity without altering the powder volume.
- **Automatic gun recognition.** The PRIMA EPG 2008 works with either Corona or Tribo spray guns.



- **Nozzle style air control knob.** This knob fine tunes the air flow to the nozzle, and when used with Tribo-style powder spray guns, can also be used as the Tribo charge air control.
- **LED voltage display.** LEDs indicate the voltage setting, and once the spray gun trigger is pulled, the same LEDs monitor the actual voltage output.
- **LED micro amp display.** When used with a Corona-style spray gun, these LEDs are used to display set max current and then display actual current once the spray gun trigger is pulled. When used with a Tribo-style gun, these same LEDs monitor the Tribo current.

### PRIMA AIRFLUID



- The powder feed comes directly from the original box or hopper
- PRIMA EPG 2008 control unit
- PRIMA powder feed unit with a PI-P1 injector
- Sturdy equipment cart with pneumatic vibration table
- Manual powder gun PEM-C3 (Corona) or PEM-T3 (Tribo)
- Part No. 0265074 PRIMA Airfluid Boxfeed (Corona)
- Part No. 0265075 PRIMA Airfluid Boxfeed (Tribo)

### PRIMA 60L



- The powder is optimally fluidized in the large 60 liter stainless steel hopper (**holds 50-65 lbs. powder**)
- PRIMA EPG 2008 control unit
- Large 60 liter stainless steel container with a PI-P1 injector
- Manual powder gun PEM-C3 (Corona) or PEM-T3 (Tribo)
- Part No. 0265076 PRIMA 60L Hopper Feed (Corona)



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## ELECTROSTATIC HAND GUNS



### Airmatic PEM-C3

- Excellent charging of the powder
- Extremely high transfer efficiency
- Ideal for metallic powders
- Fine spray pattern and uniform film thickness due to the newly developed nozzle system
- Integral 100 kV high voltage cascade
- Super-light: only 1.1 lbs.
- Multi-functional nozzle system for easy changes from round to fan spray use
- Deflector cone ventilation or atomizing air
- Basic equipment with deflector cone and slotted fan spray nozzle

### Tribo PEM-T3

*For parts with the most difficult geometry*

- Tribo air to increase the frictional charge
- Excellent penetration power into corners, angles, and edges
- Light and handy: only 1.3 lbs.
- Optimal service life of wearing parts



## PRIMA Airfluid Powder Feed Unit

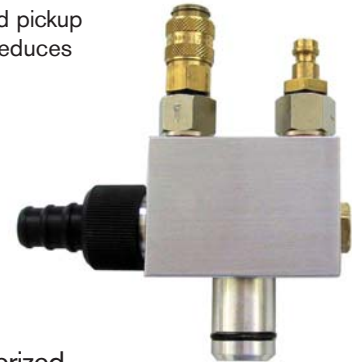
With the PRIMA Airfluid manual system, the powder paint is pumped directly from the original box or hopper. The fluid head loosens it up and fluidizes it for an optimal feed. The PI-P1 powder injector draws in the powder uniformly and delivers it to the spray gun.

### A Wagner Exclusive – The revolutionary “powder crown”

A single-piece construction, fluidized pickup tube streamlines cleaning time and reduces the number of wear items.

## PI-P1 Injector

The PI-P1 injector is used in the PRIMA 60L and PRIMA Airfluid manual powder coating units. It delivers the powder smoothly and continuously to the powder gun and is characterized by its low compressed air consumption.



## ACCESSORIES

**WAGNER ACCESSORIES** are optimally matched to the coating system and can be converted without using tools. The deflector cone is standard for all applications, and the fan spray nozzles are for coating angular and sharp-edged work pieces. The nozzle extensions are best suited for very deep work pieces.



### Nozzles for PEM-C3

- Deflector cone
- Fan spray nozzle



### Nozzles for PEM-T3

- Deflector cone
- Fan spray nozzle
- Wide fan spray nozzle



for PEM-C3  
200 mm  
300 mm



for PEM-T3  
300 mm

### Nozzle extension for PEM-C3 and PEM-T3

Best suited for deep work pieces such as factory cupboards, radiators, and drawers.

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