

# DISCONTINUATION INFORMATION

## PHASE IV UPGRADE NOW

### BPC, SPC powder (coating) systems

Upgrade to the latest  
powder coating  
technology



#### Applies to the following powder systems:

BPC, SPC equipped with:

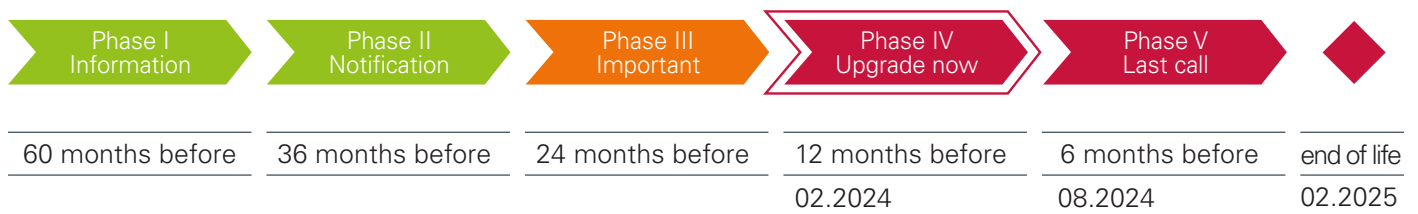
- EATON MOELLER PLC Easy
- High voltage controls Art. No. 39153



## WHY UPGRADE?

As many electronic components used in older Frei AG systems are getting phased-out by suppliers, the need to adapt electrical systems to accommodate new equivalent replacements is ever increasing. This is the best opportunity to not only restore old functionality but to upgrade to the latest technologies.

## CURRENT PHASE-OUT STATUS



## PHASE IV: WHAT DOES THIS MEAN FOR YOU?

- Production of unit has been stopped because key components are no longer available
- Repairs depend on availability of spare parts
- We strongly recommend an upgrade or replacement to the latest coating technology

**Major downtimes of production line are imminent!**

## ADVANTAGES OF THE NEW UPGRADE

Since the PLC control and the high-voltage card are no longer available on the BPC and LPC powder systems, an upgrade is required. At the same time, these systems are being brought up to a level that allows production 24/7.

- New PLC (controller) and HMI (touch panel):
  - Recipes: Save your individual settings
  - Graphical status display of all components
  - Error logs with text and image
  - Efficiency evaluation
  - Maintenance recommendations
  - Help section with information and movies
- New electrical cabinet base plate with new components
- Newest high voltage system HVM-ETH, controlled over HMI
- Spray current measuring adjustable on HMI
- Proportional valves to adjust powder quantity on HMI
- New frequency controlled vacuum blower with integrated safety filter
- Conversion to two filters with simplified automatic filter cleaning and more vacuum power
- Screening unit with waste powder container and compensation filter
- FPF fresh powder feeder to feed fresh powder fully automatically to the coating container
- Ejector to boost over-spray suction on powder arm
- Closing cylinder on coating injector to clean the powder feeding tubes on every coating stop
- INSIGHTS ready



## OPTIONS AVAILABLE

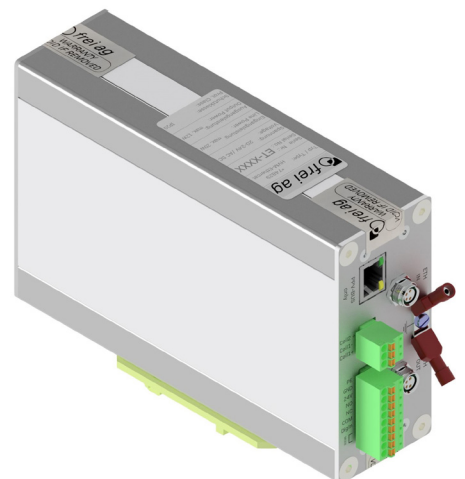
- Various monitoring systems available
- New powder arm

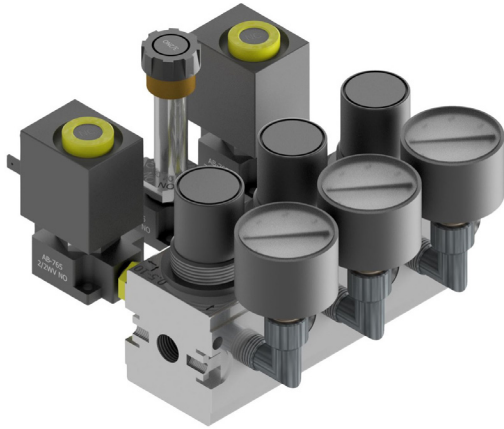


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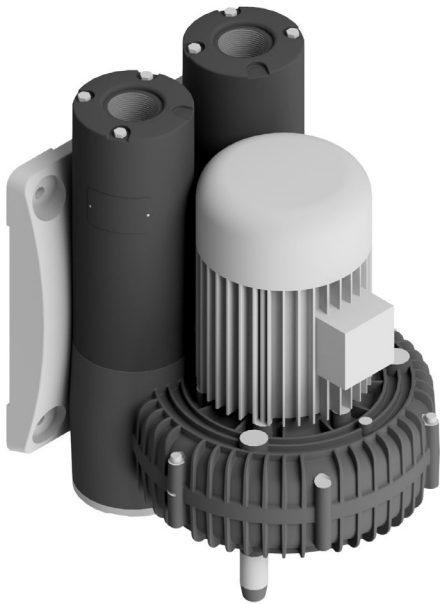


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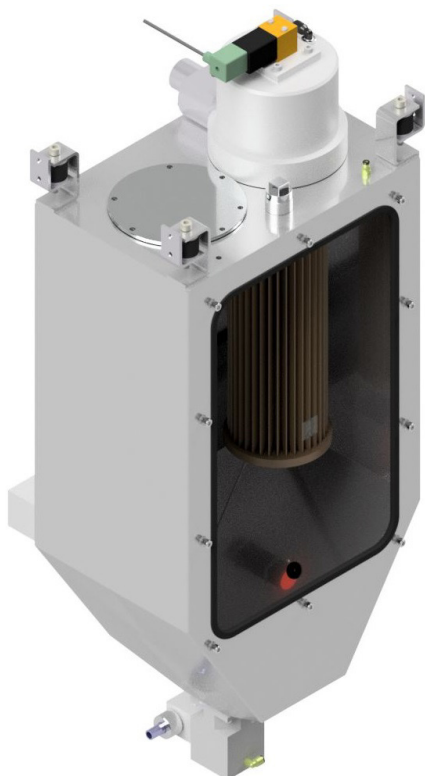


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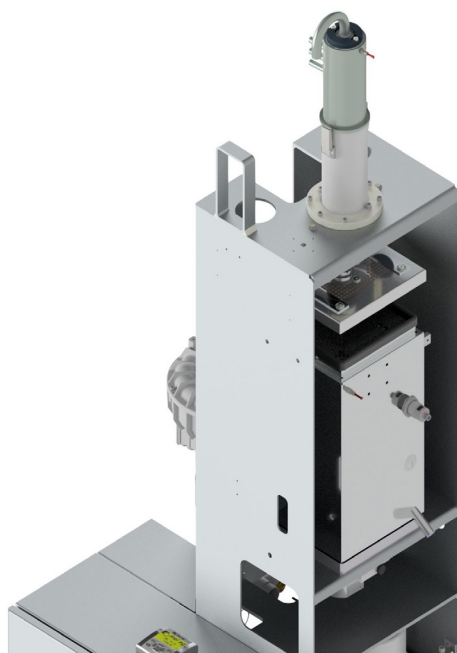
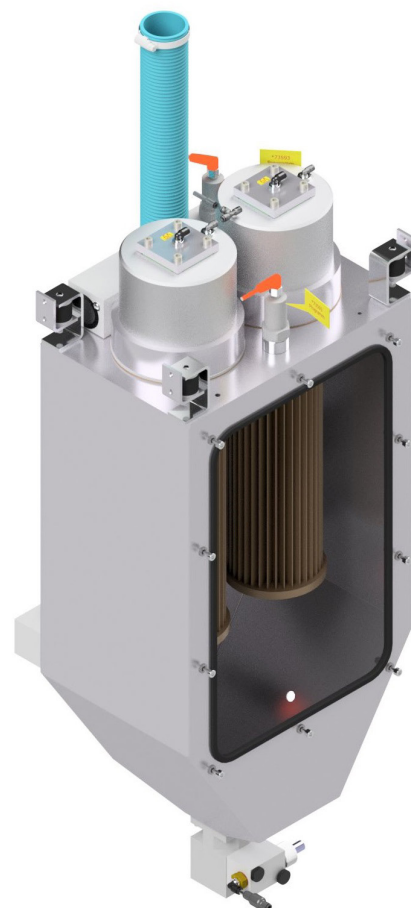


Filling by hand

Automatic filling from fresh powder drum

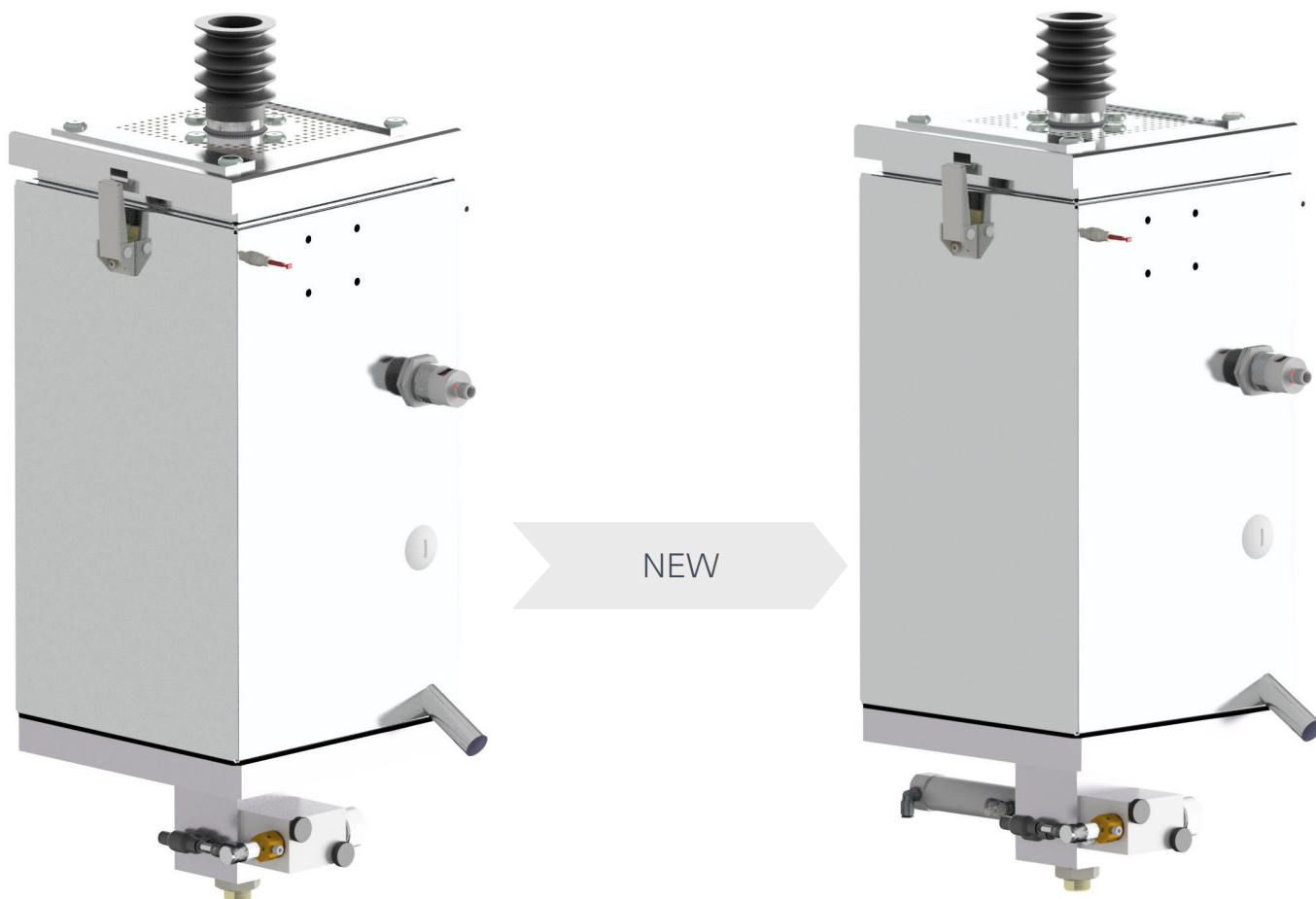


NEW



NEW





## NEXT STEP

Please contact your sales contact or send an email to [info@frei-ag.com](mailto:info@frei-ag.com). We will be happy to work out a quotation for the conversion for your equipment.