DISCONTINUATION INFORMATION

PHASE IV
UPGRADE NOW
APC, EPC, LPC

Upgrade to the latest powder coating technology
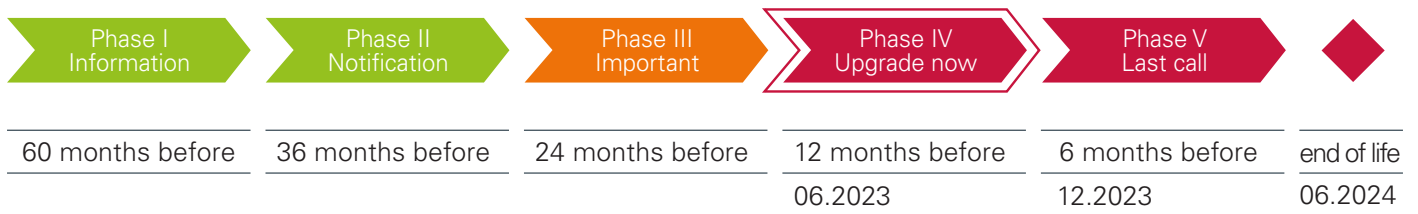
Your powder system

APC, EPC, LPC equipped with:
- Siemens or IDEC PLC 53854
- High voltage controls Art. No. 39153/39154 & Art. No. 59724/28040

WHY UPGRADE?

As many electronic components used in older Frei AG systems get 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 I Information	Phase II Notification	Phase III Important	Phase IV Upgrade now	Phase V Last call	
60 months before	36 months before	24 months before	12 months before	6 months before	end of life
			06.2023	12.2023	06.2024

PHASE IV: WHAT DOES THIS MEAN FOR YOU?

- Production of machine/element has been stopped because key components are no longer available
- Repairs depend on availability of spare parts
- We strongly recommend an upgrade or replacement
- APC, EPC, LPC will be phased out, end of life will be 06.2024

Major downtimes of production line are imminent!

OPTIONS AVAILABLE

- Various monitoring systems available
- Remote access

NEW

NEXT STEP

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

Conversion and replacement overview for APC, EPC, LPC powder systems

Features	Conversion				Replacement
	HIGH VOLTAGE HVM-DI WITH MINI DISPLAY	MINI PACKAGE PLC	COMBO PACKAGE	PREMIUM PACKAGE	FREI AG POWERCOAT
Smaller footprint / layout	○	○	○	○	●
External coating container	○	○	○	○	●
Control system	original (phased out!)	BECKHOFF	BECKHOFF	BECKHOFF	BECKHOFF
Touch panel	○	●	●	●	●
High voltage system HVM-DI	●	○	○	○	○
High voltage system HVM-ETH	○	○	●	●	●
Proportional valves	○	○	○	●	●
simplified filter cleaning	○	○	○	●	●
Ejector powder arm	○	○	○	●	●
Frequency controlled vacuum	○	○	○	●	●
New vacuum pump (with savety filter)	○	○	○	●	●
Pinch valve for fresh powder	○	○	○	●	●
Closing cylinder coating injector	○	○	○	●	●
New powder level sensors	○	○	○	●	●
Integrated powder monitor	○	◐	◐	◐	◐
New powder arm 3/4	◐	◐	◐	◐	●
Next level upgrade	○	◐	◐	◐	–

● standard   ◐ option   ○ not provided   – not required