

# Kraft Classic

## Three-phase

*Kraft Classic is a sound and reliable investment that will continue to pay off – year in and year out.*

### **DON'T TAKE CHANCES - GO FOR THE TRUSTWORTHY ONE**

It really is simple: we must reduce emissions as much as possible, and the future demands will be even stricter. This calls for a purification solution that is reliable, thoroughly tested and tough enough to do the job regardless of the working environment. That rectifier is called Kraft Classic.

### **HIGH RELIABILITY IS GOOD FOR YOUR BUSINESS**

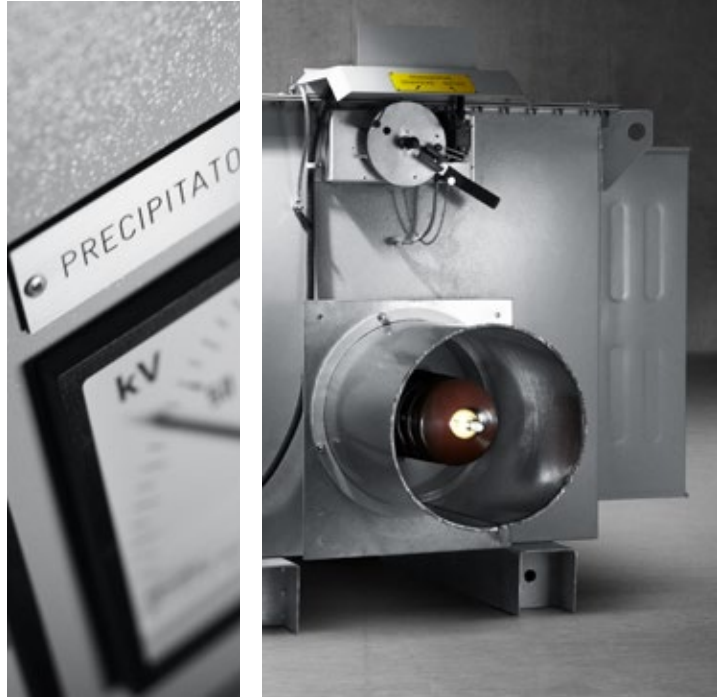
Putting it all together, Kraft Classic is a sound and reliable investment that will continue to pay off – year in and year out. It is based on a thoroughly tested technique that guarantees that you can meet the purification demands. And since it is as reliable as it is, you can fully focus on your core operations. In short – we take away the dirt from your emissions and add value to your business.

## EFFICIENT SINCE THE 1950's

KraftPowercon have delivered power supplies for electrostatic precipitators since 1955 and some of our Kraft Classic units have been around for as long. What better proof of how reliable, rugged and highly efficient they are can you find? These extremely robust rectifiers handle all sorts of working conditions. And, they are not only highly reliable, but also very efficient. This makes them excellent financial and technical solutions. So, if you need a high purification level and reliable, continuous operation – choose Kraft Classic.

## STAY IN - AND STAY IN CONTROL

Kraft Classic is placed on the roof of the precipitator building. To service it up there could be hazardous and difficult. Luckily, the Micro Kraft controller lets you access and adjust operations from afar. It is placed in a control cabinet that can be placed anywhere on your site. As a result you can monitor and change parameters quick and easy to optimise the performance of the rectifier. Naturally, the Kraft Classic works with several other controllers of your choice and can be connected with your plant's SCADA system.



## MAIN FEATURES

- Primary supply voltage: std 380,400 and 415 V,
- Others voltage are options: 220, 440, 460, 480, 500, 575, 660, 690.
- T/R units are available with horizontal or vertical HV output.
- Can be equipped with internal or external grounding switch.
- Motorized grounding switch are also available.
- Output voltages from 70 kV to 150 kV DC
- Output currents from 100 mA to 4000 mA.
- Wide ambient temperature range. -50 +55°C std -10+40
- The wheels are Bi-directional.
- Available in single phase and three phase versions
- Proven reliability. More than 15 000 units supplied. Most of them are still in operation.
- Long service life due to conservative component ratings, hermetically sealed tank and surface treatment for industrial environments.
- External grounding switch can be Type 1: T/R + ESP connecting to ground or Type 2: T/R disconnect from ESP and ESP connecting to ground.
- Combine it with Kraft Powercon control cubicle for optimal performance.

## SINGLE PHASE OR THREE PHASE?

Kraft Classic units are completely encapsulated and sealed and available as single phase or three phase. Single phase units are lower cost, while three phase units reduce the ripple further, leading to a higher power delivered into the ESP and a more balanced load. The result is an even more secure and efficient process with a very high availability, which is good for your business.