

Six business areas.
Thousands of possibilities.

The background is a solid dark blue. A trail of white, fine-grained particles or dust starts from the left edge, curves downwards and then upwards towards the right, creating a sense of motion and depth.

Marine

Power solutions for sustainable shipment

For the shipping industry, our marine rectifiers deliver two massive benefits:

- There are no hazardous microorganisms in the released ballast water
- The ship's efficiency improves as our rectifiers help prevent biofouling



ECKraft

- Air-cooled
- Type approved by DNV and KR
- Easy installation and maintenance
- Modular design – maximum uptime

FlexKraft Marine

- Water-cooled
- Approved by IMO, USCG and DNVGL
- Easy to install, maintain and modify
- Modular design – maximum uptime



Uninterruptable power systems

Products that are simply unstoppable

KraftPowercon offers world-leading solutions for processes requiring continuous power supply.

We secure critical functionality – so, the customer can focus on its core business.

The main areas/applications we serve include:

- Hydro Power
- Converter Cooling
- Water
- Power Plants and Transmission
- Pumps and Fans
- Metallurgy
- Oil and Gas
- Gas Turbines
- Compressors



Uninterruptible power for motor drives (UMD™)

- Complete system for three phase AC-motors
- Powered by existing mains (normal operation) or batteries (brown out/power outage)
- Seamless power transition without speed drop
- Single or dual mains supply – no single point of failure

DC-System

- Complete modular system with cabinet
- Highly flexible output power
- Designed for easy adaptation



Air pollution control – electrostatic precipitators

Breathe new life into ESP – and make breathing easier

All industries that release particulate matter face tough emission requirements.

Our specialty is to upgrade power supplies in coal, biomass, cement, pulp and paper, and iron and steel plants.

The benefits that include:

- Reduced emissions
- More reliable and effective processes
- Better output
- Higher profitability



PulseKraft

- Based on micropulse technology (DC and pulse)
- Outstanding high and low resistivity performance
- Improved efficiency and reliability
- Supports a wider range of DC currents
- Excellent fuel compatibility

In addition, we have a full range of

- Rectifiers (different technologies)
- Controllers/control cabinets
- ESP Management System
- Switches



PCB and semi-conductors

The future will be different – we keep customers on board

Our solutions help industries meet new demands on PCBs and semiconductors—not the least when talking 5G and IoT—by switching from DC to pulse.

This step is crucial to stay competitive and has four major upsides:

- 20–40 % less scrap
- Up to 5.6x production efficiency
- More predictable end-results
- Higher profitability

ModuPulse

- Ideal for advanced plating processes requiring periodic pulse
- Unique, modular design and small footprint
- Output range between 150A and 2400A

ModuPulse Touch Control

- Allows independent control of many rectifiers thanks to a flexible system architecture
- Reliable even in extreme operating conditions
- Ideal for advanced plating processes requiring periodic pulse

FlexKraft

- Modular design and small package
- Designed for 24-hour operation at maximum load, at 40 degrees
- Independent settings for currents and voltage
- Allow higher currents (30 kA) and voltages (120 V DC)



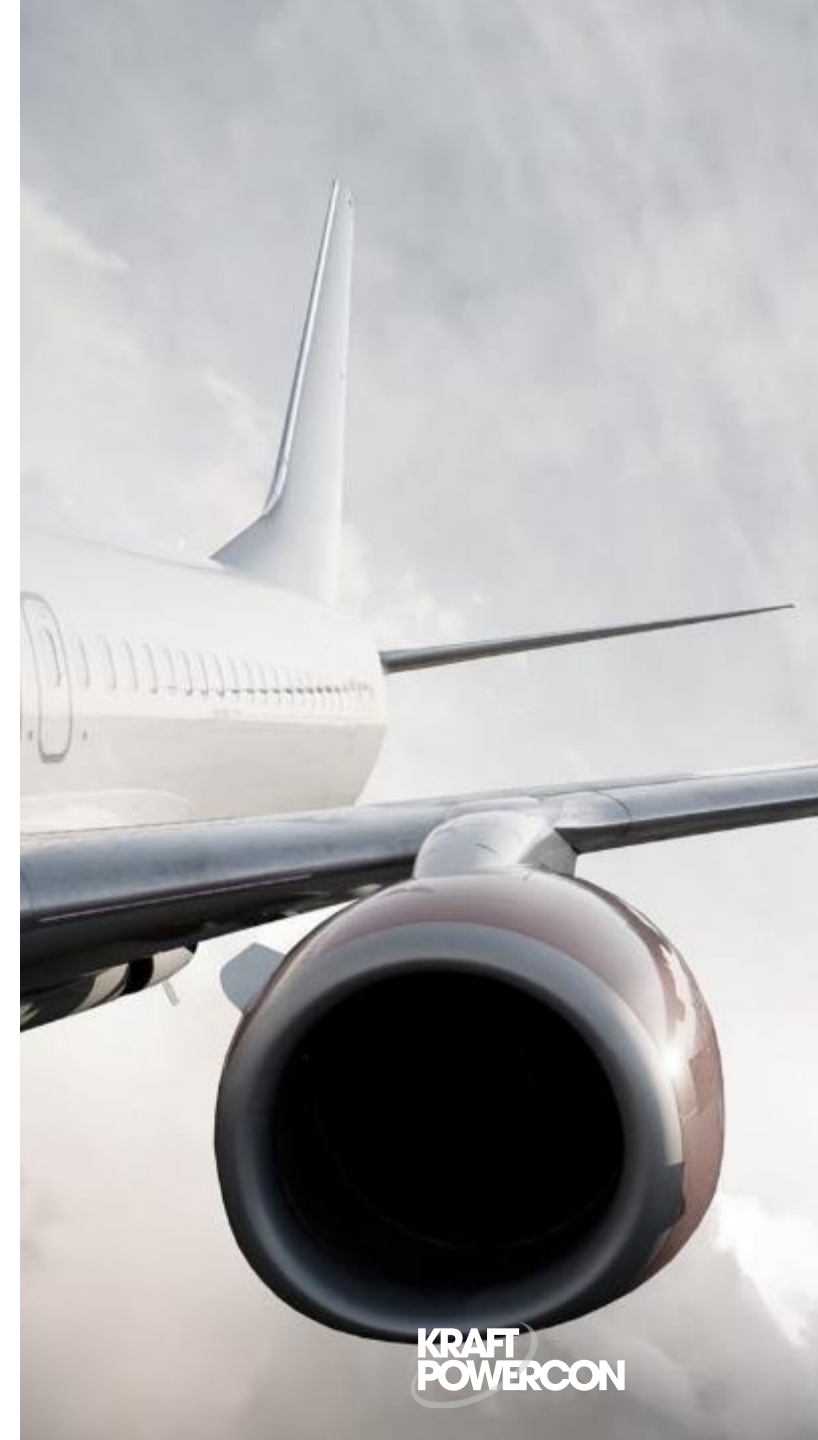
General metal finishing

Good looking surfaces with tons of benefits underneath

Most industrial sectors face pressing demands on product quality and appearance. We help out by plating, anodizing and electropolishing all sorts of metal surfaces.

We have done this for 60+ years and promise to:

- Reduce energy consumption and scrapping rates.
- Make processes more reliable, sustainable and profitable.



FlexKraft

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ModuPulse

- Modular design
- Output range between 150A and 2400A
- Ready for 5G
- Phase shift

ControlKraft Touch

- Controls 1–10 rectifiers
- Each rectifier can be controlled individually
- Controls up to 20 processes
- Real time monitoring and automatic malfunction notifications



Electrolysis and hydrogen production

Maximum energy production – no emissions

To achieve the critical decarbonization our world needs — hydrogen is the answer.

Our hydrogen solutions—suitable for everything from transports to steel production—help:

- Eliminate carbon emissions
- Optimize the power supply
- Lower the total cost of ownership



PowerKraft/PowerKraft Container

- Thyristor technology ideal for demanding electrolytic processes.
- High efficiency and redundancy
- Standardized and customized solutions
- Designed according to IEC/UL/IEEE

FlexKraft

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