

Voith Mechanical Service & Parts

Infrared and non-contact drying equipment

Ensuring your non-contact drying (NCD) system runs reliably and at maximum efficiency helps you achieve expected production levels. Guiding you along that journey is Voith's maintenance expertise and ready access to spare parts. Voith is the only full-line supplier offering a complete range of NCD and web guiding components and technology for all coatings and other surface applications, including high-efficient infrared (IR) systems. If you need assistance with your process layout, energy optimization, a rebuild and performance upgrades, Voith experts are ready and available to help you. Our service portfolio for NCD systems encompasses the entire scope of processes, including maintaining your installations, optimizing for energy efficiency, analyzing emissions and containment as well as training both operational and maintenance personnel, all of which will help meet your production targets.

Benefits of equipment services

Based on more than 150 years experience, Voith is committed to providing quality service in line with product specifications and instructions.

- Improvements and upgrades
- System configuration sourcing emitters that are specific to customer demands and applications
- Enhanced energy savings
- Improved quality (mottling, blistering, cratering prevention)
- Reduction in running costs through reduced energy use
- Savings on installation costs and time
- Higher thermal efficiency under realistic operating conditions
- Power consumption analysis
- Balanced system configuration
- Increasing drying efficiency
- Production speed-ups and better profiling
- Reactive, preventive and predictive support
- Space-saving concepts with high power emitters

Initial equipment evaluation

- Perform inspections of the existing IR or NCD equipment.
- In depth dialogue connecting Voith with customers' demands and applications
- Specific service and reconditioning recommendations

Equipment services (manpower, materials and repairs for key components)

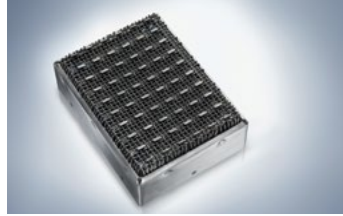
- **Standard services**
 - Pressure measurements (air/gas)
 - Exchange of electrodes
 - Inspection of filter mats
 - Emitter inspections
- **Extended services**
 - Control equipment
 - Gas train analysis
 - In-house training

Available solutions

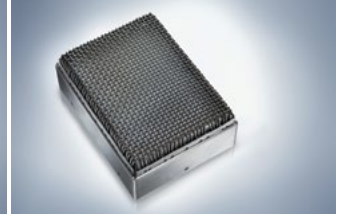
- **Optimal solution for reliable operation and minimized operating cost:** Yearly contract
- Single order
- OnCall, remote or on-site
- Case by case pricing
- Personnel, parts and repairs

Voith Paper, Krieger - NCD Products

Complete range of InfraAir gas-fired infrared emitters



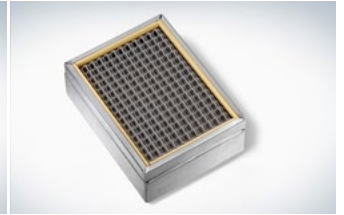
K6500 – The robust emitter for demanding environments



V6 – The economic emitter designed for cost efficiency



V8 – The high power emitter for maximum temperatures



HelioX – The new generation emitter for high power applications

InfraElectric emitter

This electrically heated non-contact drying system has the highest energy transfer density.



Voith Paper Krieger - NCD Products

InfraAir gas-heated IR dryer and InfraElectric



- Equipped with chosen IR emitters
- Up to 14 kW input power per emitter
- Conventional with circulating air
- Insulated for recovery of hot exhaust
- High energy input over short time
- Quick immobilization of coating with IR
- CD profiling possible
- With K6500-equipped InfraAir or InfraElectric, stepless power adjustment is possible for CD moisture profiling.



Please contact your Regional Sales Manager via email or by phone for more information.

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VOITH

Inspiring Technology
for Generations