

SURFACE SYSTEMS

Concepts for tool and parts cleaning

Aqueous, mechanical and thermal





Our way has a goal!

Axel Hallensleben, Managing Director



Metal surfaces are our passion!

For over 35 years, we've been supplying solutions for professional tool and part cleaning. From blasting to ultrasonic processing to pyrolysis – our cleaning concepts offer a sterling response to the steadily growing number of new requirements arising from advanced industrial production and maintenance operations. WIWOX customers benefit from our vertical integration and longstanding experience. They can count on us for competent advice and complete solutions that deliver maximum efficiency, tailored to their specific applications. Trials and comparative testing can be conducted in our in-house laboratory. Moreover, customers can either purchase or rent our systems, or opt for contract cleaning instead.

Our most important objective: successful, satisfied customers! We achieve this goal with a highly motivated staff of qualified employees, coupled with a corporate culture based on partnership and mutual trust. Together, we define values such as quality and functionality in a constantly evolving process of product improvement and continuous dialogue between manufacturer and user.

Or consider economic efficiency – here, too, the high customer utility of our products helps set the standard for successful competitiveness. As a system maker and singlesource supplier of a complete range of surface-cleaning products, including high-quality blast media, we attach enormous importance to workplace safety and environmental sustainability. Accordingly, we accompany our customers every step of the way, from securing the necessary permits to commissioning and maintenance.

WIWOX means long-term, successful cooperation. We forge strong business ties through open communication, innovation and service. We look forward to working with you!



Top-Clean-Management[®] Our quality seal for best cleaning results.

management®

A successful cooperation begins with an extensive advice and sample cleaning.

Anna Pasaro, sales management



Our performance profile

Satisfied customers know they can count on the WIWOX concept. Here's an overview of the different processes and services we offer for cleaning tools and parts:







Our laboratory for cleaning trials and test operations

- Process development and optimization
- Contract cleaning and test runs
- System engineering
- Sale and lease of systems
- System repair and overhaul
- Commissioning, training and service
- Supply of spare parts and high-wear components
- Sale of cleaning chemicals and high-quality blast media



WIWOX[®] IW VKT

Multistage washing-machine in flow-jet-design for 2.000 kg loads prior to thermal treatment.

By optimally coordinating of the cleaning process, we can offer you the right concept for every application.

Florian Keßler, sales



Blasting process for mechanical decoating

Our delivery program

Our network of partner companies in the international plant and equipment industry assures fast, flexible delivery and an optimum price/performance ratio. The following equipment types can be viewed at any time in Erkrath and used for individual cleaning trials:



Our assembly hall in Erkrath near Düsseldorf

- Pressure, injector and water-based blasting cabins
- Blasting systems and blasting chambers
- Airless blast cleaning
- Ultrasonic mould cleaning systems
- Spray-chamber / Flow-Jet washing machines
- Pyrolysis plants

WIWOX[®] DP BB

Compact pressure blasting cabinet incl. ex-protection according to 1999/92/EC with integrated cartridge filter and blasting abrasive recovery system.





Aqueous mould cleaning in ultrasonic process



Multistage ultrasonic cleaning system for washing, rinsing and conserving injection mouldings and die-castings.

We offer you support in cleaning high-quality production tools.

Frank Dahlmeyer, Vertrieb Außendienst



Innovation - the WIWOX way!

We work constantly to perfect established cleaning methods and make sure to keep pace with our customers' advanced production methods. Materials and requirements are constantly changing, and call for specific, made-to-measure solutions. This is our great strength! Whatever your cleaning requirement, you can be sure we'll be ready with the exact solution you need. Just ask us!





Controlled paint stripping, decoating and de-insulating in pyrolysis process





Fast furnace charging with high lift truck or forklift

Service-Cleaning mit Know-how

As competent service providers, we perform full-service cleaning daily – mechanical, water-based and thermal. We use our own systems and processes when doing this. Successful cooperation with our customers begins with an in-depth consultation and a sample cleaning. Documentation of the cleaning task assures reproducible processes.

WIWOX[®] IGS

Compact pyrolysis furnace with afterburner for thermal paint stripping and decoating. Permit-free operation according to BmSchV.



As a manufacturer of blast cabinets, we are able to optimally combine blasting media and blasting technology.



Marvin Papadopoulos, sales abrasives

Delivery of quality abrasives

We supply high-quality blasting abrasives in all common types and sizes immediately from stock. The determination of the blasting parameters is decisive for a perfect blasting result. Our advice not only ensures our customers a better surface finish, but also shorter blasting times with less abrasive consumption.

Our selection of metallic, mineral and organic quality abrasives





Service and maintenance

We offer you a reliable repair and maintenance service - even for third-party products. The delivery guarantee of spare parts from our own stock is also a matter of course for us. Our service technicians offer you every support to ensure the perfect functioning of your systems.

If the service is right, every production plant will work reliably and economically for many years.



Antonio Rodriguez, after sales



Competent process consulting with individual cleaning attempts

Our references and own brands

Our customers make the decision to purchase their own system with the security of positive experience. We would be pleased to advise you on site or in our pilot plant. The provision of rental machines is another option that we offer our customers for long-term trials.

WIWOX[®] Speed Dunk[®]

Fast and efficient cleaning, rinsing, preservation and drying in the hydro-centrifugal cleaning process.



Visit us at the leading trade fairs for surface technology!

Peen Pearl[®]

Round, mineral abrasive with high dimensional stability and long service life.

Blast-´n-blow[®]

Blasting and blow-off function combined in one nozzle. Control via two foot pedals.

Sandfighter[®]

Universal working glove for the blasting technique. The single glove fits left as well as right - available in different sizes.

Speed Dunk[®]

New, innovative hydro-centrifugal cleaning process for aqueous and semi-aqueous applications.









The right decision for better surfaces!

Our cleaning processes are the answer to known and new challenges in industrial production and maintenance. Our customers benefit from our many years of experience and receive the best economical complete solution. After comparison and test operations in our in-house laboratory, our customers decide between purchase, rental or contract cleaning.



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