



MACHINES FOR INDUSTRIAL CLEANING AND ELECTROPLATING TECHNOLOGY



### Industrial cleaning systems

## We optimise cleaning and electroplating processes!

Micro + Hega Surfaces develops and manufactures customised cleaning systems to your specific requirements. Thanks to our extensive manufacturing and production programme and more than 70 years of experience in development, design and manufacture, Micro + Hega Surfaces is able to meet the most diverse customer requirements.

**The results are lasting and sustainable superior cleaning results.**



**Get to know us.**  
**We will develop the right solution jointly with you!**

- economic ✓
- environmentally friendly ✓
- optimum cleaning results ✓

### Your benefits:

- + Individual, modular, for all surfaces**
- + Manual, semi- or fully automated system solutions**
- + Quality made in Germany**  
High-quality materials, such as stainless steel, titanium or plastic
- + Long-term cost savings**  
Our systems all operate in an environmentally friendly and economical way using aqueous media
- + No special permits required**  
unlike solvent-based systems
- + Low disposal costs**
- + Service and remote maintenance**
- + Synergy effects**  
thanks to our integration into the PÜTZ GROUP (assembly, construction, software, start-up)
- + We are classed as a specialist company according to Section 19 of the German Federal Water Act [WHG]**

**Examples:**



**Ultrasonic cleaning bath**  
with goods conveyor and bath extraction with two-hand control. The duration of the agitation and ultrasonic cleaning of the goods can be adjusted via a timer.



**Ultrasonic cleaning tank**  
for cleaning small systems. Goods basket made of stainless steel mesh. Mobile system for use at different locations.



**Ultrasonic oscillator**  
suspended from the side walls. Oscillator with fixing lugs for screw mounting. Flanged cable bushing for the power supply.

**EVERYTHING FROM A SINGLE SOURCE**

Thanks to our integration into the **PÜTZ GROUP** and the resulting **synergy effects** we are able to offer you not just functional cleaning systems but also the appropriate testing technology to test surfaces as well as for dimensional accuracy.

**We offer the following cleaning processes:**

[For a better cleaning result combinations are possible]

- Spray cleaning
- Immersion cleaning
- Ultrasonic cleaning
- High-pressure cleaning

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**Micro + Hega Surfaces GmbH** is a leading provider of functional cleaning plants based on aqueous media, electroplating plants and surface treatment plants.

**We look forward to receiving your request!**