

Industry

**Efficient, environmentally
friendly and cost-efficient**





Your partner for industrial parts cleaning!

As a system developer for solvent technology, we are one of the market leaders in our industry. Whatever task you have for us: Together with you, we develop customised solution strategies and optimal cleaning systems for your requirements.

You can also rely on the many years of expertise of REK Reinigungstechnik GmbH. Benefit from the know-how and flexibility of a strong team and gain truly efficient cleaning solutions – for your success.

**25 years
of expertise
in cleaning**



Peter Riebesam
Managing Director, REK Reinigungstechnik

A clean business: our cleaning solutions for you



Our aim is to offer our customers the most effective, most efficient and best solution for their cleaning tasks.

The task of industrial parts cleaning is to clean workpieces in such a way that the subsequent production processes can be carried out smoothly. This requires high throughput, for example with the option of three-shift utilisation with a conveyor system.

In addition to the correct dimensioning of the system, we adapt the cleaning steps and cleaning processes under full vacuum to the respective use case, depending on the type of workpiece to be cleaned and its contamination. These include immersion cleaning, pressure flooding, cleaning with filtration, oscillating cleaning, steam degreasing, ultrasonic or vacuum drying.

Products such as hydrocarbons or modified alcohols, for example DOWCLEN 1601 or Zestron VD, can be used as cleaning media.

These industries are relying on REK:

- Automotive suppliers
 - Medical technology
 - Electronics industry
 - Watchmaking industry
 - Mechanical engineering
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Know-how meets flexibility



**About 30 systems
a year –
from Murrhardt
to the world**



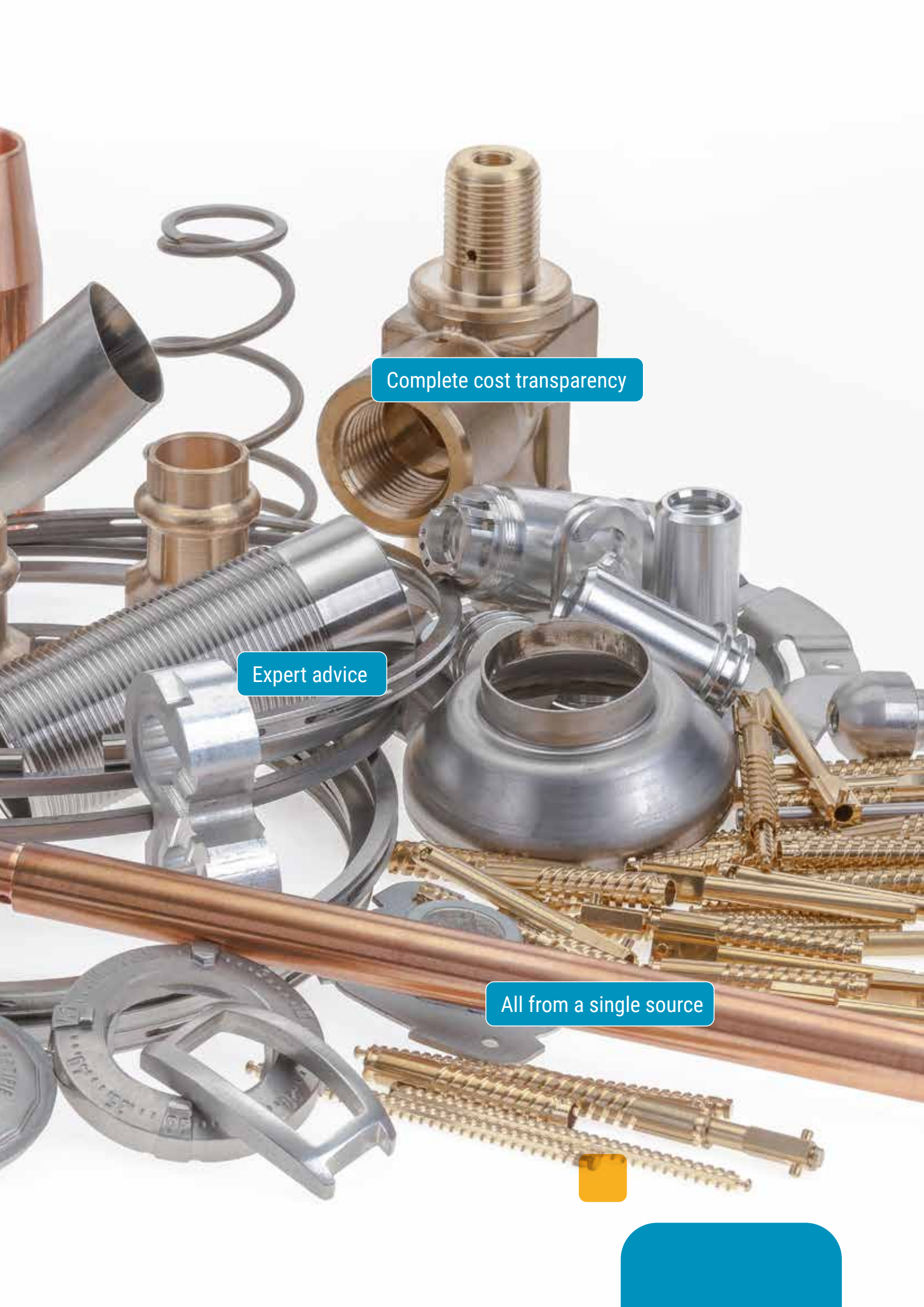
**Around
600 cleaning
systems
delivered**

Clean workpieces for smooth processes

Cost savings of up to 70 %

High level of process safety





Complete cost transparency

Expert advice

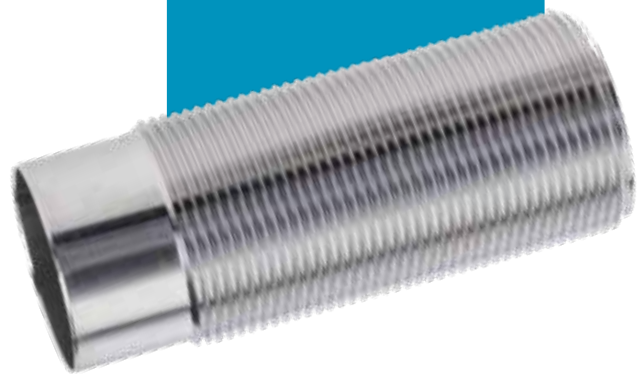
All from a single source





If quality problems occur in the area of cleanliness, not only does this mean an interruption in the production chain, but also time-consuming rework, loss of image and high costs. You can therefore rely on the many years of experience of REK.

**Cleaning as
a part of the
value chain**



The advantages

- Impressive cleaning results
- Environmentally friendly, low-emission, energy-efficient
- Digital process monitoring, with logging
- High safety standard for flammable media according to VbF AllI
- Modular system for maximum flexibility
- Installation, commissioning and training by qualified service technicians
- Hotline service and 24-hour service



Technical information

System type	FC 500	FC 1000/1-V	FC 1000/2-V	FC 1000/E-V
Batch size	370 x 220 x 200 mm	670 x 480 x 300 mm	530 x 320 x 200 mm	600 x 400 x 300 mm
Batch weight max.	30 kg	100 kg	50 kg	80 kg
Batch throughput	6 – 12 per h	6 – 10 per h	6 – 10 per h	6 – 10 per h
Fill quantity	160 litres (approx.)	700 litres (approx.)	340 litres (approx.)	500 litres (approx.)
Cleaning temperature	60 – 80 °C	60 – 80 °C	60 – 80 °C	60 – 80 °C
Steam temperature	95 – 110 °C	95 – 110 °C	95 – 110 °C	95 – 110 °C
Connected load current	14 kW (approx.)	24 kW (approx.)	17 kW (approx.)	20 kW (approx.)
Compressed air	6 – 8 bar 100 litres/h	6 – 8 bar 200 litres/h	6 – 8 bar 100 litres/h	6 – 8 bar 200 litres/h
Total dimensions	2100 x 1800 x 2400 mm	3900 x 2000 x 2500 mm	2700 x 1600 x 2400 mm	3000 x 1800 x 2400 mm
Total weight	1300 kg (approx.)	3200 kg (approx.)	2000 kg (approx.)	2500 kg (approx.)



FC 1000

Clean. Safe. Efficient.

Innovative cleaning solutions from the Murrhardt forest.

