



- + Appointments on short notice
- + Efficient use of your time
- + Take your cleaning result home

COMPETENCE CENTER

FOR THE TECHNICAL CLEANLINESS OF COMPONENTS

Come visit us at our Pero Competence Center. Develop your cleaning processes systematically. Use more than 15 machines on over 1,100 m², to find your individual cleaning process. Our consultants will be pleased to support you.



DIE-CAST PARTS



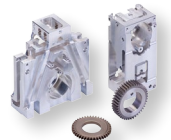
FORMED, IMPACTEXTRUDED AND DEEP DRAWN PARTS



TURNED PARTS



STAMPED AND STAMPED-BENT PARTS



PARTS FROM MACHINING CENTERS

✓ **Verify CLEANING TASK**

Determine the spectrum and nature of your parts. Verify cooling lubricants and machining residues.

Experience the cleaning of your parts live

✓ **Define TECHNICAL CLEANLINESS**

Examine manufacturing environment, prior and successional production steps. Define cleaning targets and expected technical cleanliness.

Discover how cleanliness requirements will be met on point

✓ **Optimize HANDLING OF PARTS**

Test alternative goods carriers. Optimize the transport of individual components, bulk materials, batch goods, rack and lay parts.

Feel the advantage of ergonomic parts loading

✓ **Choose CLEANING MEDIA**

Compare established cleaning media for wet processes. Cleaning on alternative machines. Choose the optimal cleaning process.

See the advantages of the optimal cleaning medium

Discover solutions

- + Identify operational costs & calculate your profitability
- + See the results of the cleanliness analysis
- + Profound preparation of the acquisition and integration of the machine

USE POWERFUL SERVICES

- + Cleaning tests with original contaminated parts free-of-charge, documentation included
- + Evaluation and cleanliness analysis in the Pero-laboratory, e.g. according to VDA 19
- + Generate profound knowledge for your company

Economical cleanliness

- + See the suitable parts handling
- + Compare different wet media
- + Test alternative cleaning processes

Laboratory for technical cleanliness

- + Analysis center
- + Vacuum-dryer
- + Analysis microscope
- + Optical microscope
- + Test equipment

Evaluations and cleanliness analysis to go, e.g. according to VDA 19.



AVAILABLE MACHINES FOR PART CLEANING IN THE PERO COMPETENCE CENTER

	R0	S1	R1	R2 / N2	TWT	Neptun / Rotimat 3U	Rotimat 1A	Robomat	KDA
Part type									
Bulk material	•	•	•	•	•	•	–	–	–
Rack and lay parts	•	•	•	•	•	•	–	–	•
Individual parts	•	•	•	•	•	•	•	•	•
The optimal medium									
Water based					①②	①	①	①	①
Acid, neutral, alkaline	–	–	–	–	•	•	•	•	•
Solvent based	⊙	⊙	⊙	⊙					
Modified alcohol	◦	◦	•	•	–	–	–	–	–
Hydrocarbon	•	•	•	◦	–	–	–	–	–
Halogenated hydrocarbon	◦		•	•	–	–	–	–	–
e.g. suitable for	Jewelry, watch-parts, medical technology	Parts for resource efficient cleaning	Individual and mass production components of diff. material	Individual and mass production components of diff. material	High-quality surfaces	Diverse individual and mass productions components	Easy cleaning of diverse parts	Engine and gear parts, axes	Individual parts in continuous process

• available. ◦ available on demand. ① purified water is standard. ② ultrasound possible.

Make your appointment now!

+49 (0)8231 6011-883
pero.technologie@pero.ag

PERO AG
Hunnenstraße 18
D-86343 Königsbrunn

Fon: +49 (0)8231 6011-0
Fax: +49 (0)8231 6011-810
pero.info@pero.ag
www.pero.ag

