

*Pero*



Water based  
cleaning

# ROBOMAT SPRAY CLEANING

POWERFUL SPRAY CLEANING



**SOLID AND  
RELIABLE**

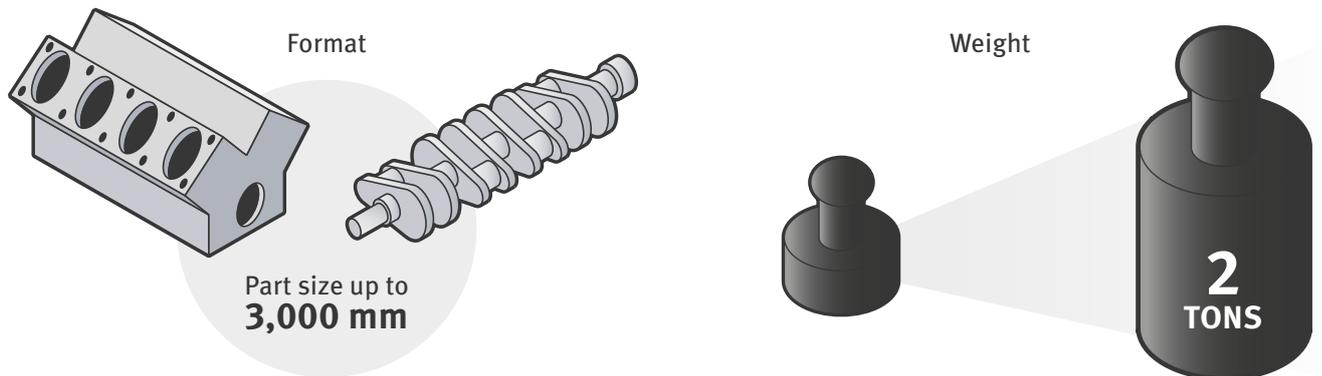
Exemplary illustration

# SOLID AND RELIABLE

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The models of the ROBOMAT series are designed for cleaning a wide range of parts – whether slightly oily or heavily soiled.

In the universal work space of the robust system, the workpieces and parts with a wide variety of geometries are positioned and reliably cleaned by a powerful spray cleaning.



For cleaning with water-based media in a slightly acidic, ph-neutral or alkaline range. Designed as a model with two baths also for higher quality requirements. Especially for surface cleaning before painting and final assembly. Also for cleaning, phosphating and rinsing.

# UNIVERSAL & COMFORTABLE

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The Touch Panel control offers maximum flexibility for creating individual cleaning programs.

- + Clear user interface, understandable symbols and clear process visualization
- + Weekly timer for programming switch-on and switch-off times of the bath heating
- + Efficient media care with strainer basket and optional fine filter, disc skimmer or oil separator – prepared for external expansion by micro or ultrafiltration



# EFFICIENT & ECONOMICAL

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The efficient and proven spray system works with a combination of special spray nozzles and covers the cleaning material all around. The cleaning medium acts directly on the surfaces and also cleans recesses, blind holes and caverns.

- + A massive spray jet ensures exceptional cleaning dynamics
- + Heating the media tanks by means of electrical heating elements or via heating coils with external media such as external steam and hot water (option)
- + Resource-friendly drying by means of innate workpiece energy
- + Stable bath temperature and long service life due to large bath volumes
- + The items to be cleaned can be directly loaded from the front side, or via trolleys, roller conveyors or forklifts from the front, or via an overhead crane from above
- + Convenient positioning of items to be cleaned by means of support systems or goods carriers, pallets, devices etc.



Efficient spray system



Intermediate cleaning during motor repair



Application specific prism mountings



Installation with integrated carriage (option) – Sunken installation

# APPLICATIONS

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# COMPETENCE CENTRE

## FOR THE TECHNICAL CLEANLINESS OF COMPONENTS

More than **15 demonstration machines** available in our 1,100 square meter Competence Centre, allowing you together with our Pero engineers to develop the optimum cleaning process for your company.

### Cleaning process with

#### Water based media

- + Batch facilities for quality carriers up to 660 x 480 x 300 mm
- + Tunnel cleaning plants
- + Cleaning systems for large components up to a width of 2,100 mm and a weight of 1,500 kg

#### Solvents

- + Comparing different media
- + Testing alternative cleaning processes
- + Seeing the appropriate handling of parts

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## MAKING USE OF STRONG PERFORMANCE

- + Free cleaning tests on original dirty parts including documentation
- + Evaluations and analyses of cleanliness according to VDA 19 in **our laboratory**
- + Technological insight and valuable data for your company

Even before you have decided about the investment, assessing the profitability of the future process can be carried out. The defined technical cleanliness of the components reliably reached and maintained.

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