

pero

R0

Industrial parts cleaning machine with solvents



Slim and strong

RO SLIM AND STRONG

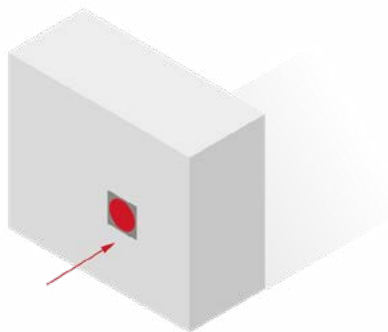
Thanks to its highly efficient process technology and low energy consumption, the Ro offers excellent cleaning results, especially with extra small parts.

CHOOSE BETWEEN TWO SERIES

Thanks to its compact design, it fits into even the smallest spaces. Two series cater for loading and unloading from either the short or the long side of the machine.

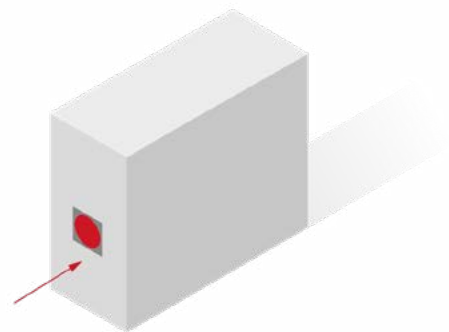
X-SERIES

(loading and unloading at long side of machine)



Y-SERIES

(loading and unloading at short side of machine)



PROVEN QUALITY

The machines of the Ro series make use of the specific properties of solvents for the cleaning, degreasing and/or preserving of parts. Operators can choose from a range of conventional solvents that achieve optimum cleaning results, taking into account the actual level of contamination of the parts.

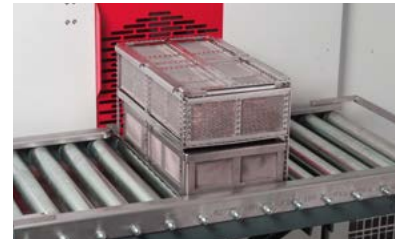
- **High availability** High availability thanks to top-quality, standardised and tested components from leading manufacturers
- **Perfect media treatment** with permanent full-flow filtration
- **Saving costs** with PERO full vacuum technology with extra low solvent and stabilizer consumption
- **Flexibility** thanks to modular machine extensions
- **Unrivalled operator comfort** thanks to automated, timer-controlled maintenance routines



ECOLOGICAL & ECONOMICAL

All process steps take place under full vacuum. This supports cleaning in solvents, reduces energy consumption and allows short cycle times with maximum safety.

- High level of technical cleanliness thanks to combined **cleaning, rinsing** and **vapor-degreasing** processes
Optional: ultrasound cleaning and/or preservation
- **Small footprint**
- **Maximal energy efficiency:** heating output controlled by Energy Manager
- Model "Universal" for exceptional **future security:** allows optional modification from CHC to alternative solvents such as hydrocarbons or modified alcohols
- Redundant process monitoring combined with fire and explosion protection equipment **protects humans and the environment**



Fine-mesh goods carrier for small parts



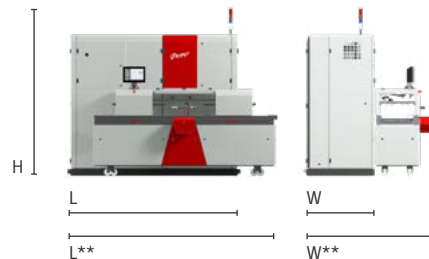
Targeted cleaning with swivelling and rotating goods carriers



User-friendly control interface

TECHNICAL DETAILS – R0

External machine dimensions R0X (crosswise)



	R0Y	R0X
H	94.5 in	94.5 in
L / L*	39.4 in	94.5 in
L**	102.4 in	114.2 in
W	94.5 in	39.4 in
W*	114.2 in	59.1 in
W**	129.9 in	74.8 in

* manual charging unit
(not illustrated)

** automatic charging unit

CLEANING MEDIUM

Hydrocarbons or modified alcohols with flashpoint > 131 °F; halogenated hydrocarbons; further solvents on request

BATCHES / GOODS CARRIERS

Standard-external dimensions (L x W x H), max.
 1 x 14.96 x 8.66 x 7.87 in or
 1 x 12.60 x 8.66 x 7.87 in

further sizes or combinations on request

Batch weight, max. 110 lbs

Height of charging unit approx. 31.02 – 31.73 in (depending on height of cleaning batch and charging method)

THROUGHPUT

Depending on chosen process up to 15 batches / h with a max. 44 lbs steel

PERFORMANCE DATA

Connected load	approx. 10 – 17 kW
Heat output	6,3 kW (energy manager)
Heating-up time of machine	approx. 60 min
Sound level	< 75 dB (A)
Solvent volume 1-bath	21 gal
Solvent volume 2-bath	33 gal

OPTIONS

e.g. ultrasound, remote maintenance, preservation bath, etc.

All specifications are approximate values and may vary depending on equipment – errors and omissions excepted



FOCUSED ON OUTCOMES

At our Centre of Competence in Königsbrunn, we assist you in finding the best cleaning solution for your specific needs.

More than 15 water- and solvent-based test machines are available in an area of 10,764 ft². We design optimised cleaning methods and programs that meet your needs by performing test runs with your own dirty parts.

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.



MAKING USE OF STRONG PERFORMANCE

- Cleaning tests free of charge, using parts provided by the customer; including documentation
- Evaluations and analyses of cleanliness according to VDA 19 in our laboratory

Contact us for advice:
en.pero.ag/contact-to-pero

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RELIABILITY YOU CAN BANK ON



Safe and reliable

High-precision production and spare parts service



Quality made in Germany

80% vertical range of manufacture in Germany



Worldwide sales and service

Global network of certified service partners

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