

TWT

Industrial parts cleaning system for aqueous media

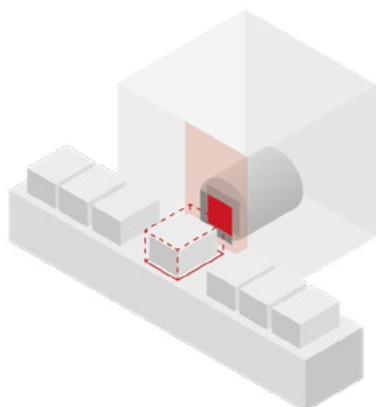


Flexible and powerful

TWT FLEXIBLE AND POWERFUL

The TWT system guarantees excellent cleaning results. A wide variety of cleaning processes can be carried out in the working chambers to achieve optimum results in terms of technical cleanliness.

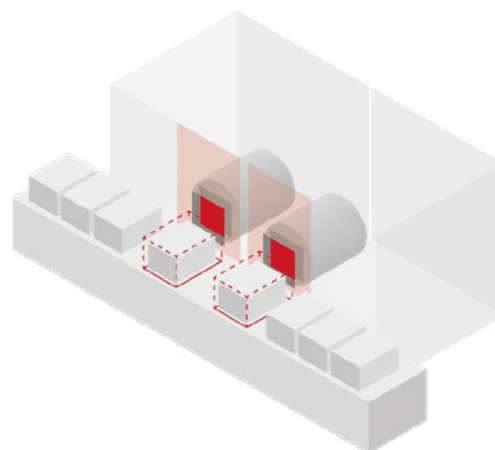
CHOOSE BETWEEN TWO SERIES



TWT Mono

A working chamber with 2 baths

Max. load dimensions (L x W x H):
1 x 660 x 480 x 300 mm, alternative
2 x 480 x 320 x 300 mm or
2 x 480 x 320 x 200 mm



TWT Duo

Two working chambers with 3 or 4 baths



PROVEN QUALITY

Cleaning using **spray and/or flood methods** and **vacuum drying**

The following options are available:

- Turbulence flood washing
- High-pressure flood system
- Additional hot air drying
- Cleaning with ultrasonic support in a vacuum
- VE water misting for spot-free parts

HIGHLIGHTS

- **Separate pumps and filters** for each treatment bath
- **Large bath volumes** for long service life of cleaning media
- Up to 4 media tanks (TWT Duo) for the **highest cleanliness requirements**
- 2 separate working chambers (TWT Duo) for **high throughput**
- It **can also be connected to other Pero cleaning machines** of sizes 1 and 2 for a combined cleaning process with aqueous media and solvents, for the highest cleanliness requirements.



User-friendly control interface



Nozzle blocks with optimal spray pattern and ultrasonic oscillators in the working chamber



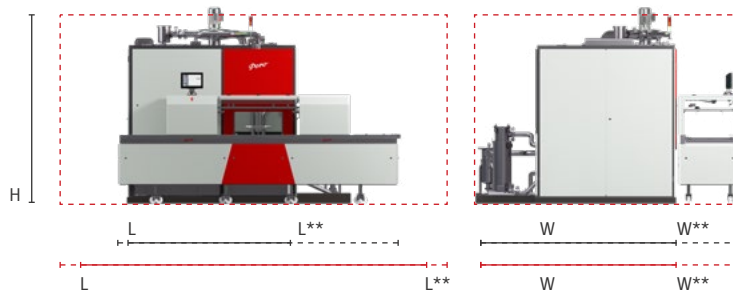
Powerful vacuum pump and ultrasonic generator if required



Individually adjustable product movements

TECHNICAL DETAILS – TWT

External plant dimensions TWT Mono External plant dimensions TWT Duo



TWT	Mono	Duo
H	2,7 m	2,7 m
L	2,8 m	4,8 m
L**	4,0 m	5,0 m
W	2,9 m	2,9 m
W**	3,9 m	3,9 m

** automatic charging

CLEANING MEDIUM

Water-based media in the acidic, neutral, or alkaline range (pH value 5–12)

BATCHES / GOODS CARRIERS

Standard external dimensions (L × W × H), max. 1 × 660 × 480 × 300 mm, alternative 2 × 480 × 320 × 300 mm or 2 × 480 × 320 × 200 mm

further sizes or combinations on request

Batch weight, max. 200 kg

Height of charging unit approx. 940 mm

THROUGHPUT

Depending on chosen process up to 10 batches / h

PERFORMANCE DATA

Connected load approx. 60 kW (TWT Mono) and approx. 120 kW (TWT Duo)

Heat output 27 kW per bath

Heating-up time of machine approx. 120 min

Sound level < 75 dB (A)

Mono 490 l (bath 1), 530 l (bath 2)

Duo 490 l (bath 1) + 530 l (bath 2) + 490 l (bath 3) + 530 l (bath 4)

OPTIONS

e.g., ultrasonic, remote maintenance, bath treatment, and filtration options

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 1000 m². 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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