Water based
cleaning

TWT
CLEANING PLANT

IMMERSION AND SPRAY CLEANING WITH VACUUM DRYING

ACCURATE FIT
AND PRODUCTIVE

Exemplary illustration
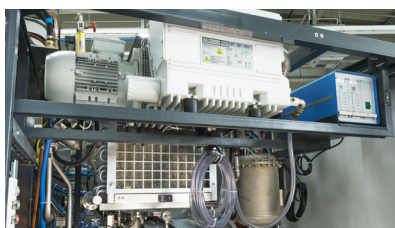
ACCURATE FIT AND PRODUCTIVE

The cleaning system TWT combines the broad technological possibilities of spray cleaning and immersion processes for parts cleaning.

The standard system cleans a wide range of workpieces and components with sprayable, water-based cleaners, as intermediate or final cleaning, up to high technical cleanliness.

+ The TWT-Mono system enables cleaning, rinsing and, if necessary, preservation/passivation and drying in **one** work chamber. The TWT-Duo allows simultaneous treatment in **two** work chambers

+ Up to four media tanks for demanding applications in the PERO TWT-Duo system

+ Separate pumps and filters per treatment bath; adjustable turbulence flood washing system „Pero"

+ Drying through workpiece heat energy and/or by vacuum drying. Water vapor recovery through air-cooled condenser; Steam condenser optional

Nozzle bars with optimal spray pattern. Ultrasonic transducers in the work chamber

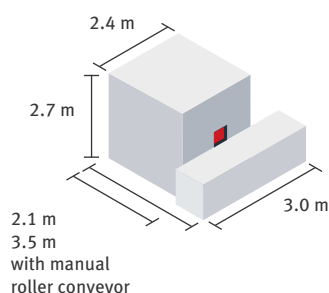Powerful vacuum pump and optional ultrasonic generator
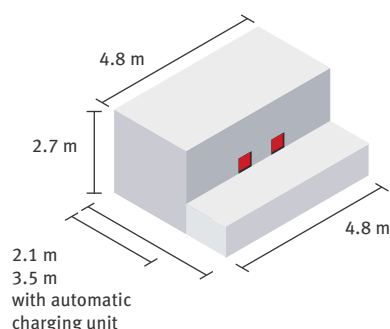

Individual customizable goods movements

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TECHNICAL DETAILS

External plant dimensions

TWT-Mono
2.4 m
2.7 m
3.0 m
2.1 m
3.5 m
with manual roller conveyor

TWT-Duo
4.8 m
2.7 m
4.8 m
2.1 m
3.5 m
with automatic charging unit

Cleaning media	
Water-based media in the acidic, pH neutral or alkaline range	

Batches / Goods carriers	
Standard external dimensions (L x W x H), max.	660 x 480 x 300 mm
Further sizes or combinations on request	
Batch weight, max.	200 kg
Height of charging unit	approx. 950 mm

Throughput	
Depending on process chosen	Up to 10 batches / h

Performance data	
Connected load	approx. 60 kW Mono / 120 kW Duo, depending on scope of equipment
Heat output (Mono/Duo)	27 kW per bath
Heating-up time of plant	approx. 120 min
Sound level	‹ 75 dB (A)
Volume bath 1 (Mono) / 3 (Duo) Volume bath 2 (Mono) / 4 (Duo)	490 l 530 l

Options	
i. e. de-oiler, disc skimmer, micro- / ultrafiltration, magnetic candle insert, fresh water supply, weekly timer, remote maintenance, etc.	

All data are approximate figures – Errors and omissions reserved