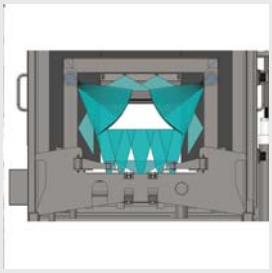
CMWTEC technologie GmbH

AUTOMATIC WASHING MACHINE

Technology
[made in Germany]

Optimum cleaning of automotive car and truck batteries
with sophisticated technology



The Advantage:

- Full stainless-steel construction (316Ti)
- One-piece manufactured and sealed, low energy consumption
- Nozzle arm disassembling without tooling for easy cleaning
- Stainless-steel electric tank heating elements and temperature control
- Wash water cascade flow system
- Central drain pipework

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Basic machine
The base unit is a one-piece steel structure and serves as a support for all other assembly groups.

Battery input unit
Input of batteries onto the special conveyor belt of the washing/drying machine.

Alkali wash zone
Distribution of the wash water onto the total surface of the battery Included dead corners an angles. The wash systems consist of individual wash arms with mounted swivelling jet nozzles for easy handling. For best wash result a detergent has to be added

Final rinse zone
Fresh water at the final rinse sprayed by flat jet nozzles from all side's trough the battery.
A wetting agent is injected to improve drying properties.

Battery output
Output of the batteries to the finishing line.

Description of function
The task is optimal cleaning of car and truck batteries of sulphuric acid. The transport through the individual wash zones is affected straight on a continuous special stainless-steel belt for a safe transport of the items and therefore a long service life. A Lateral guide will keep the batteries in line and is one side adjustable for different battery width.
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Technical specifications

Battery type	:	automotive car and truck batteries
Capacity	:	up to 10 batteries/min (depending on conveyor speed)
Weight of batteries	:	20 – 70 kg
Dimension of machine	:	L =5500 mm W = 1470 mm H = 2050 mm
Construction	:	Full acid proof Material, Stainless steel 316Ti Plastic PP and PVC Pieces not acid resistant with special protection
Electric	:	230/400V, 3-Phase, 50/60 Hz, 4 Wire
Control voltage	:	230V AC
Power consumption	:	62 kW; 125 A