

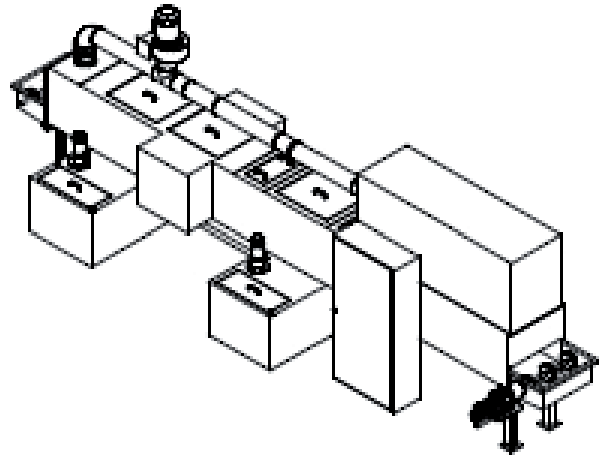
6 BATTERY WASHING AND DRYING MACHINE

ACCUMATION

MACHINES FOR
BATTERY PRODUCTION AND SPECIALISED
MECHANICAL ENGINEERING



Inlet of washing machine



Brushing unit [optional]

Function and characteristics

- On site the batteries are transferred in a longitudinal direction to the cleaning machine transport system.
- After transfer has taken place the batteries are transported continuously through the individual zones at the preset speed.
- In the cleaning sections the batteries are cleaned by hot water, detergents and high pressure. In the final rinse section they are cleaned by clear water. In the drying section big blowers dry the batteries by hot air.
- The machine is designed as container construction in 2 mm thick stainless steel sheet of quality 1.4571. The tanks are fitted with 30 mm insulation. In the area of the circulating air dryer the thickness of the insulation is 100 mm.
- The steam produced through the heating of the respective medium is captured by an extraction unit and transported through a pipeline made of stainless steel segments into the on-site exhaust air system.

Technical data

| | |
|---|--|
| Battery types | automotive batteries |
| Battery dimensions (L x W x H) | 550 x 300 x 320 mm |
| Speed | 2-4 m/minute adjustable |
| Process steps | 1. Washing [spray process] / 2. Rinsing [spray process] 3. Drying [circulating air process] |
| Total dimensions (L x W x H) | 8,500 x 2,500 x 3,000 mm |
| Temperature cleaning | 55°C to 75°C depending on the parts to be cleaned and the chemistry used |
| Temperature drying | Adjustable up to 95°C dependent on parts |
| Heating output washing bath/sink unit /dryer | 30/30/12 kW |
| Output exhaust air fan/circulating air fan | 1,5 kW/2,2 kW |
| Capacity exhaust air fan/circulating air fan | 38 m ³ p. minute/50 m ³ p. minute |
| Pump units cleaning and rinsing | 20 m ³ p. hour/2 bar/3 kW |
| Tanks for cleaning and rinsing medium | approx. 1,000 l |
| Material | stainless steel [1.4571] |
| Control | Siemens / Allen Bradley |

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- Worldwide technical and customer service
- Long experience in battery plant design
- Individual system solutions for your production
- Comprehensive advice and on-site analysis

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