



Surface cleaning system AQUABLAST® cleaning line

Semi-automatic cleaning system with Aquablast® surface cleaner

Predictable cleaning time

Customizable

Higher operational safety

Simple and quick set-up

Reduced energy consumption

Hammelmann service worldwide

AQUABLAST® cleaning line

A wide variety of components are exposed to massive load and dirt in professional industrial use. This leads to increased wear, often to a higher weight of the parts and an exchange of the material is necessary frequently. Regular cleaning of the elements noticeably extends the service life, handling is improved by the lower weight and physical stress is reduced.

The elements are usually cleaned manually with a high-pressure gun. A manual process that is time-consuming and certainly has the potential for injury. Hammelmann's unique cleaning line is a semi-automatic system that makes cleaning easier, faster and easier to plan. Occupational safety is significantly improved and the costs for wages and energy use are also reduced.

Your benefits

- Higher occupational safety both on the construction site as well as during cleaning
- Clean large areas quickly and easily
- Precise, more predictable time expenditure
- No time-consuming gun work
- Less energy consumption
- Lower cleaning costs due to lower wages
- More time for work, less effort for cleaning
- Less need for replacement

Feature set



External connection for blasting gun



Control of pressure and flow rate



Height and speed adjustment



The cleaning line is suitable for cleaning many elements in different shapes and sizes

The concept

The overall system is based on a modular concept and can be adapted to individual requirements with little effort. In advance, the necessary parameters for optimal cleaning are determined in close cooperation with the customer.

The cleaning line consists of taxiways, the cleaning chamber with spray bars and nozzles, baskets for storing the parts, the chain

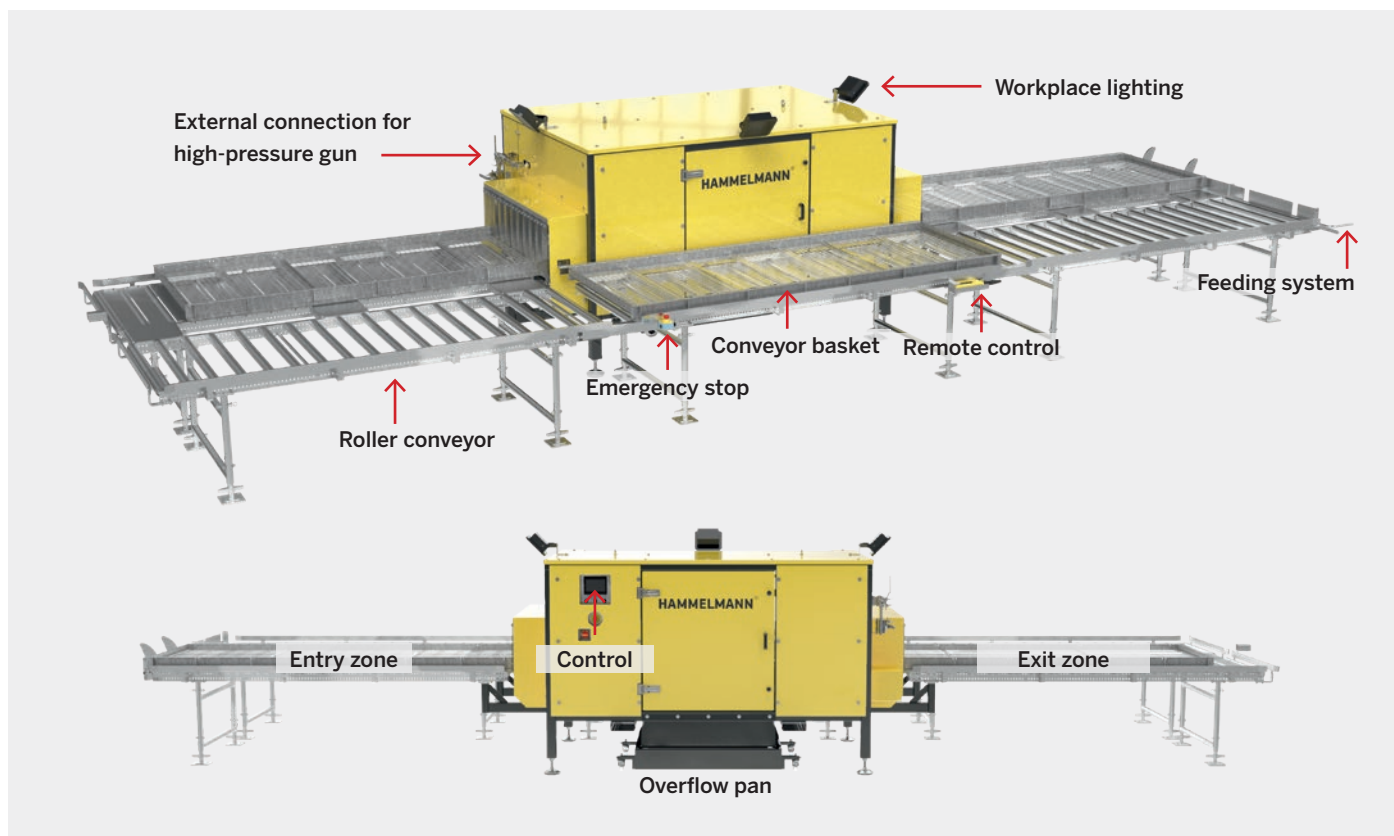
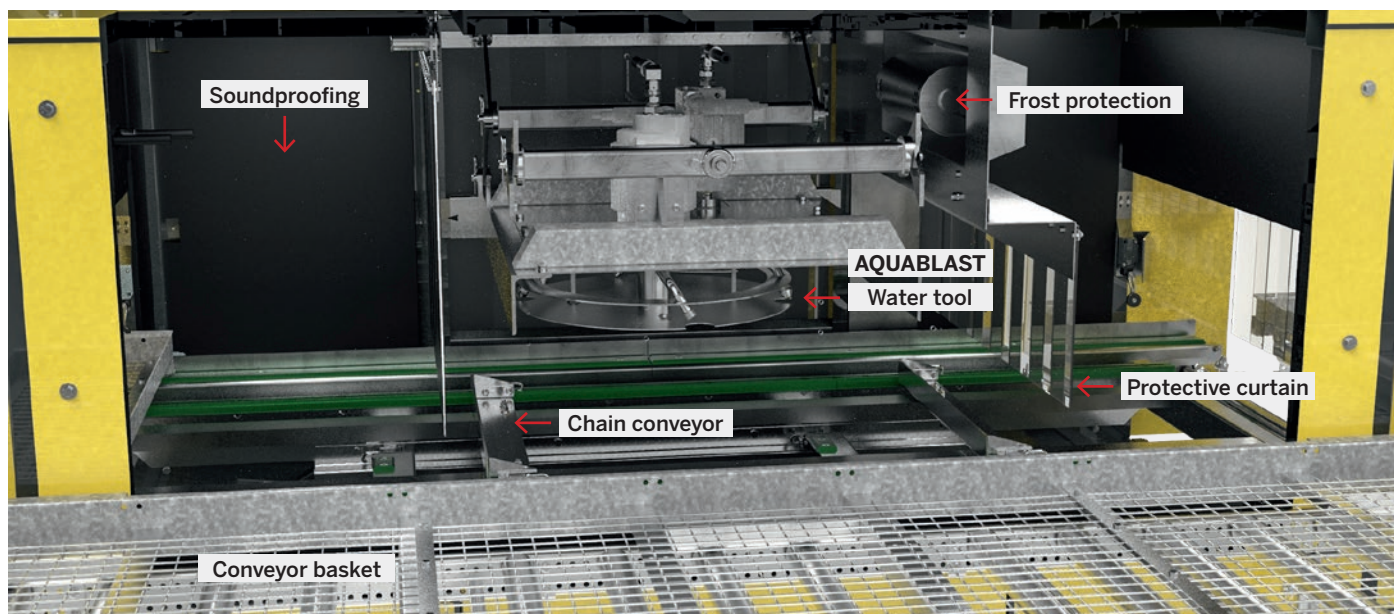
conveyor, the pump unit for supplying high-pressure water and all the necessary control elements and sensors.

The elements to be cleaned are conveyed through the cleaning chamber in the baskets. The feed can be adjusted in a range from 0 – 90 mm / sec. The elements are cleaned at high pressure in the cleaning chamber.

The number of spray bars used is configured individually and determines the overall working width of the system.

The seamless height adjustment allows optimal adaptation to the parts to be cleaned.

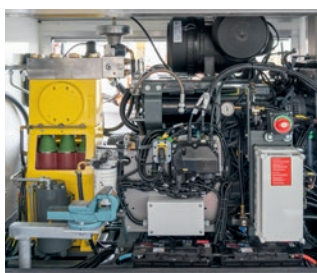
Quick and easy set-up



Performance data,
exemplary:

- Length: 10 m
- Width: 3,2 m or 4,1 m
- Height: 1,95 m or 2,15 m
- Working width: 1 m or 1,5 m

Possible pump configuration



Flow rate	Operating pressure
up to 300 l/min	up to 3000 bar



Industries Supplied

- Automotive
- Aquaculture
- Food & Beverage
- Construction
- Nuclear
- Petrochemical
- Refining
- Road Maintenance
- Ship Repair
- Steel Production

+44 1905 751790
sales@calder.co.uk
www.calderltd.com

Calder Ltd
Prescott Drive
Worcester
WR4 9NE
United Kingdom

