

# Big installations in Antwerp

## CTW realises a new bulk & food cleaning for Katoennatie (Liefkenshoektunnel, Antwerp)

Car & Truckwash (CTW) is a Belgian manufacturer of tank cleaning installations for the container heating, containers, food, chemicals, railway carriages, IBC's (intermediate bulk containers), latex, and process/CIP (clean-in-place) sectors.

The company has recently installed a new tank cleaning station in Antwerp (Belgium) for Katoennatie, one of the biggest tank cleaning operators in the port of Antwerp.

Katoennatie specialises in the cleaning of silo, bulk, food etc, and has cleaning installations in five European countries. CTW had already built a bulk cleaning installation with four washing lanes for Katoennatie several years ago.

### Four bulk and two food washing lanes plus six separate dryer lanes

This new facility includes two brand-new cleaning halls. One hall is completely equipped for four bulk washing lanes and the other hall is completely equipped with two washing lanes for food cleaning. This means that Katoennatie has still got the possibility to expand its food cleaning with two extra food washing lanes in the future.

The whole cleaning installation is custom-built and designed according to all relevant safety standards. The heart of the cleaning facility is four new high-pressure tank cleaning units with Uraca HP pumps (250l/100 bar) which have been completely developed and tested by the CTW engineering team. Furthermore, the new bulk and food cleaning features:

- Two CTW high pressure manual cleaning units (106 ltr / 100 bar) for manual cleaning



Above: CTW installs tank cleaning for Katoennatie



Right: Technical room Katoennatie

- A high pressure dosing unit with six dosing pumps
  - Five Bolondi washing heads (RW190A) for each washing lane
  - Washing path accessories: balancers, safety beams, trolleys, automatic HP valves, two washing chutes for the cleaning or the drying of hoses
  - Steam injection next to the washing heads (food cleaning)
  - Dryers for all the washing lanes
  - Tree platforms with a length of 28 metres and 6 hydraulic fall traps. The two platforms of the bulk cleaning are connected to each other by a bridge
  - New developed software from Lynx which enables Katoennatie to link its washing orders, forms, certificates etc, directly to invoices.
- CTW has set up several parameters to guarantee the quality of the cleaning process. These parameters include

temperature, dosing and length of time, and are continually controlled by the PLC. To simplify the cleanings, there are pre-set washing programs specially installed for Katoennatie. This reduces the likelihood of human error.

### New tank cleaning for Suez in Calais (France)

CTW is going to build two washing lanes for the cleaning of chemicals/bulk. The technical installation consists of four washing heads per lane, a low-pressure dosing unit for two products, and a CTW high-pressure tank cleaning unit with Uraca HP pumps (222 l/100 bar). ■

**For more information:**  
This article was written by Iben Schellekens, marketing officer at CTW Cleaning. Visit [www.ctwcleaning.com](http://www.ctwcleaning.com) or mail to [info@ctwcleaning.com](mailto:info@ctwcleaning.com)

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