

LEWA metering pumps in the high pressure cleaning technology



LEWA metering pumps in demanding use for industrial high pressure cleaning

Stationary high pressure cleaning pumps usually are 3-plunger pumps by special manufacturers that adapted their delivery programme for conveying of high water volumes to cleaning equipment such as spray lances or – heads. Economic systems with wetted parts made of low cost materials such as gunmetal and comparatively simple seals prevail.

To protect these pumps against destruction by the aggressive cleaning agents conveyed, LEWA has supplied reliable and sturdy chemical feed pumps for the precise injection into the discharge side of the cleaning pumps to the leading operators. LEWA plunger- as well as diaphragm metering pumps in standard material stainless steel 1.4571 (316Ti) are used.

Flexibility of LEWA metering pumps for chemical feed, e.g. for:

- Solvents
- Cleaning agents on acid or alkaline basis
- Acetic acid
- Caustic soda
- And other chemicals

Typical scope of supply and parameters of LEWA pumps in big cleaning plants:

- Up to 20 LEWA chemical metering pumps per unit
- Flows from 20 – 300 l/h
- discharge pressures at the process side of the main cleaning pump:
55 – 350 bar
- supply to the LEWA metering pumps directly from the tank farm for dangerous chemicals

Application examples for LEWA metering pumps in stationary high pressure cleaning systems are the efficient and reliable cleaning resp. de-contamination, neutralisation and flushing of:

- Tank trucks
- Tank containers
- Removable tanks
- Mobile tanks
- Intermediate bulk containers (IBC)

in all sectors of industry.

Hermetical tightness, sturdy and low-maintenance design are the significant product properties of LEWA metering pumps. Years of experience and references make LEWA a reliable partner for leading, specialised companies, even with international activities, in the sector of industrial cleaning.



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