

# FLUX Pumps in dangerous goods operation





# Typical tasks in firefighting dangerous goods operation



## The task

It is often necessary during firefighting operations to remove hazardous substances such as highly flammable fluids, acids or alkalis from a damaged vehicle or container to not endanger the operation and to be able to safely continue with the recovery mission. For such dangerous substances, special pumps are required.

## The solution of the FLUX experts

FLUX offers a wide range of solutions for conveying hazardous materials.

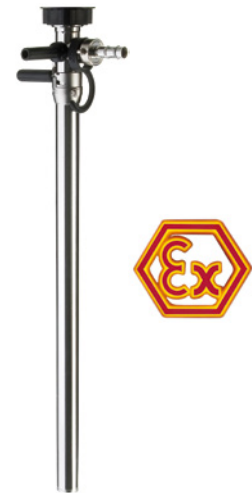
The solutions are based on either electrical or compressed air motors. Further many pumps are available with approval for ATEX areas.



### Drum pump FP 425 Ex in stainless steel for 99.98 % residual & drum emptying

The drum pump for demanding hazardous substances applications. In addition equipped with a coupling for a tanker truck in DN 50 and foot strainer, it complies with the requirements of DIN 14555 12 (dangerous goods equipment truck). It can be used universally for a wide range of flammable or non-flammable fluids. After the IBCs, drums or tankers have been emptied the backflow of the medium from the pressure hose is avoided by means of a built-in adjustment mechanism.

- ▶ Flow rate: max. 120 l/min
- ▶ Delivery head: max. 12 mwc
- ▶ Explosion-proof
- ▶ Increased service life with abrasive media compared to a sealless pump
- ▶ Ideal for frequent medium changes, hardening, fast-drying and crystallizing media



### Air-operated diaphragm pumps FDM

The air-operated diaphragm pumps of the FDM type are suitable for abrasive, toxic, highly flammable substances or liquids with a high gas content. In addition, they offer the advantage of being self-priming and can achieve a higher flow rate of up to 1 040 l/min.

- ▶ Pumps available in seven different sizes with flow rates from 20 l/min to 1 040 l/min
- ▶ Delivery head: max. 150 mwc
- ▶ Self-priming
- ▶ Available in polypropylene, polyvinylidene fluoride, acetal, aluminum, stainless steel, cast iron
- ▶ Air-operated diaphragm pumps made of aluminum, cast iron, stainless steel and acetal are suitable for use in hazardous areas

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