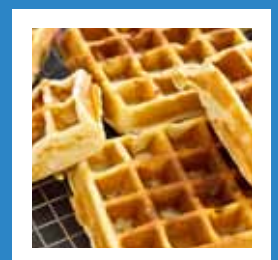




Pumping viscous products





Pump lift system

How to pump viscous products?

Processing and transporting viscous products is a profession on its own. Capacity and a constantly correct composition of the end product are essential. At ViscoFood we have made it our profession. Our expertise on pumping characteristics and our experience for over 25 years have given us the tools to be able to pump many (very) viscous materials.

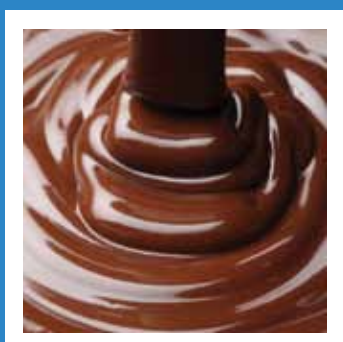
Hygiene and a minimum of manual labor are factors of big influence in the field of production. Strict rules and regulations (HACCP) have made manual processing all but impossible. Even the method of packaging is affected by regulations concerning the disposal of packing waste.

All reasons for ViscoFood to develop a pump lift system for viscous products that is:

- very user-friendly
- quickly and easy to clean
- tailor-made for your specific situation
- the solution for the delivery of products in large quantities (up to 1,000 kg)
- greatly reducing the amount of packing waste

Well thought-out designs

The pump, mounted on a follower plate is lowered in the container. The (thick) viscous material is easily pumped to the desired destination, e.g. hopper. The scraper on the follower plate guarantees a minimum residue. When empty; pump and follower plate are automatically withdrawn from the container. A new container can be placed under the system in no time. Changing the capacity is simply done by adjusting the air supply to the pump. Well thought out designs...it is all a matter of details.



Pumping viscous products

Unitrans Techniek member, 1985.



Large pump series

Fit to do the viscous job

Our range of pumps consists of a complete series of self-priming double-action plunger pumps, which - dependent on the required delivery - are available in a number of sizes. Our broad experience in pumping solutions for viscous products worldwide allows us to help you choose the right pumping configuration for your field of business.

Characteristics ViscoFood pumps

- stainless steel (AISI 304 and 316)
- simple to assemble and disassemble
- easy to clean in no time at all
- minimal damage to solids up to 1 cm
- air-operated
- food grade

Applications

The pumps are used primarily in the food, cosmetic and pharmaceutical industry but also offer many advantages for the chemical and petro-chemical industry. They can be used to fill hoppers on processing equipment. Or pump fluid and viscous products to the production process through a pipe system.



Efficiency first

The pumps are quickly assembled and disassembled as the various parts are easy to couple and uncouple. This makes the pumps also suitable for applications in which different products and quantities have to be transported by one and the same system.

easy maintenance | food grade | high performance





Pumping viscous products



Examples of pumpable products

pudding • flan filling • muffin dough • cake paste • ice-cream • syrup • fruit bases • honey • chocolate • cheese spread • mayonnaise • soup • peanut butter • minced meat filling • pharmaceutical cream • toothpaste • shaving soap • bath foam • vaseline • silicones • sealants • emulsifiers ... your product?

Unitrans Techniek

ViscoFood has its origin in Unitrans Techniek. A company who specializes in lubrication equipment and systems with well known partners from U.S.A. and Europe. The technique used in the field of pumping grease and oil for lubrication, has been the key in the development of the pump lift system for the Food Industry. Now for more than 25 years our units are used in Industrial Bakeries and other food production facilities worldwide.

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