

## Solutions in Pumping Technology

# Verderpro: Empo's new eccentric progressing cavity pump! New brand, reliable quality...



The new series of eccentric progressing cavity pumps from Verder is called Verderpro. It is the result of 30 years experience with positive displacement pumps. We can offer the best progressing cavity pump for your application. The Verderpro programme includes a comprehensive series of progressing cavity pumps, macerators and accessories.

Verderpro has a range of different pumps for various applications including the food industry and (waste) water treatment with dosing units, vertical pumps and feed hopper pumps available. Our wide range of seals and sophisticated accessories enable us to supply the best possible solution for almost any application.

### ■ Advantages and features

- Low pulsation, continuous flow
- Excellent self-priming, up to 8.5 mwc
- Installation in all positions
- Reversible direction of rotation
- Exceptionally suitable for viscous products

### ■ Models

The Verderpro progressing cavity pumps are available in the following models:

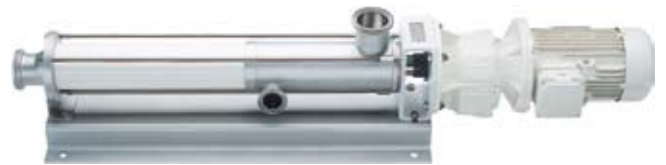
Multi-functional pump for most applications: VPS model  
The VPS model is the standard Verderpro progressing



cavity pump model. An excellent, economically attractive pump for thin flowing to viscous products with or without solids.

Flow ranges: 50 l/hour - 500 m<sup>3</sup>/hour, pressure: up to 48 bar

### ■ The food pump: VPH model



The VPH model is specially developed for the food industry. It is also ideal for use in the pharmaceutical, cosmetic and chemical industries.

The CIP and SIP cleanable pumps meet the strict requirements of the food processing industry according to 3A and EHEDG with regards to pumping, hygiene, cleaning and sterilisation procedures.

Flow ranges: 30 l/hour - 130 m<sup>3</sup>/hour, pressure: up to 24 bar

### ■ Feed hopper pumps for high viscosity and non-fluidising products: VPR model

These pumps are equipped with a feed hopper and



feeding screw to facilitate a better flow of the product to be pumped. These pumps are used for pumping high viscous or non-fluidising products.

Flow ranges: 100 l/hour - 250 m<sup>3</sup>/hour, pressure up to 24 bar

### ■ Pulse-free dosing? The VPD model



The VPD model has been specially developed for pulse-free pumping and dosing of smaller flow ranges. For low to high viscous fluids containing solids and for pumping aggressive fluids. A high dosing accuracy (<1%) can be achieved.  
Flow ranges: 0.1 – 1,000 l/hour, pressure: up to 24 bar.

### Emptying drums: VPI model

For emptying tanks, drums, settling ponds and settlement tanks. Space saving. Suitable for pumping both low and high viscous products with or without solids. The VPI model is suitable for a wide range of industries and applications.  
Flow ranges: 50 l/hour - 250m<sup>3</sup>/hour, pressure: up to 12 bar



### ■ Macerators: VPM model

Macerators are mainly used for industrial wastewater processing and utility companies. They reduce solid and fibrous elements in wastewater and sludge. This guarantees trouble-free operation of the Verderpro pumps and, therefore, extends their service life. The substances are cut, not torn, which makes the device exceptionally cost-effective.  
Flow quantities: 2-150 m<sup>3</sup>/h



### ■ Comprehensive programme control equipment

For controlling and monitoring Verderpro progressing cavity pumps. Protection against overpressure and dry running, dosing units, frequency converters, measuring equipment, complete operating systems. We will be happy to tailor these to your needs.

**VERDERPRO<sup>®</sup>**  
Maximum reliability for the best price..

EMPO-VERDER N.V.

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