

Verderpro progressing cavity pumps, model VPH



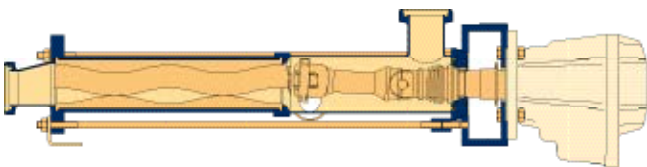
The Verderpro VPH model progressing cavity pumps are specially designed for the food processing, pharmaceutical, cosmetic and chemical industries. These pumps can be cleaned according to CIP and SIP. They meet the strict requirements of the food processing industry according to 3A and EHEDG with regards to pumping hygiene, cleaning and sterilisation procedures. Flow ranges: 30 l/hr - 130 m³/hr, pressure up to 24 bar

Advantages and features

- Close coupled, short and compact construction
- No dead zones for optimal CIP and SIP cleaning
- Wetted parts have all been polished to the food processing industry quality standard.
- Hygienic mechanical seals
- Comprehensive choice of FDA approved elastomers
- CIP cleaning
- SIP cleaning with steam and a regular rotating pump
- Pin shaft connection between rotor and drive; extremely maintenance friendly. No special tools required for assembly and disassembly.

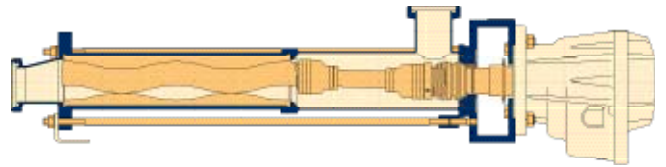
Pump types

VPHO type



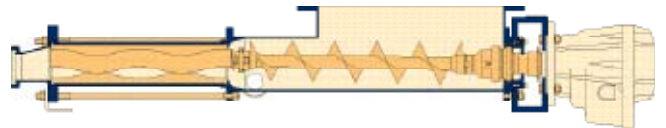
- Aseptic fork coupling consisting of only two parts
- Newly developed open pin coupling for higher pressure and better flows
- Meets 3A USA food grade standard and EHEDG standards.
- FDA approved.

VPHC type



- Cost effective pin coupling with hardened, wear resistant and exchangeable pins and bushes.
- Lubricated according to food grade requirements.
- Completely sealed with sleeve and clamping strips.

VPHR type



- For pumping high viscous and non-fluidising products
- Aseptic fork coupling consisting of only two parts
- Newly developed open pin coupling for higher pressure and better flows
- Meets 3A USA food grade standard and EHEDG standards.
- FDA approved.

Seals

- Single mechanical seal in various options
- Mechanical seal with quench

Accessories

- Dry running protection, food grade
- Overpressure protection with bypass
- Adjustable stator spanner
- Impeller
- Dosing unit
- Feed screw
- Lantern ring
- CIP connection

Application areas

- Food processing industry
- Pharmaceutical industry
- Cosmetic industry
- Beverage industry

Material selection

We select the best material for the pump and the various parts depending on your application.

The material options •) for the VPH model are:

Housing material

- AISI 316
- AISI 316 Ti

Rotor material

- AISI 316 Ti

Stator material

- Buna-N light

Rotating parts material

- AISI 316 Ti

•) = not all materials can be combined.