

Rollit SH & TH

The Rollit SH Single Head Pump

Compact single head Rollit Hygienic pumps can transfer up to 3816 l/h into production processes. With low power demands and portable designs they provide a compact, clean product transfer solution.



The Rollit TH Twin Head Pumps

The twin head Rollit pump can be used to either simultaneously pump two channels with the same flow rates at up to 6954 l/h.

Alternatively, by offsetting the rollers at the factory, the twin head pumps can deliver the ultimate in near-zero pulsation flows, ideal for the most fragile fruit pastes, cell cultures and similar shear sensitive liquids.

Technical details

- Flow rates up to 6950 l/h
- Pressures up to 2 bar
- Power supply up to 3 kW
- Max rotation speed 165 rpm
- Max dry suction lift 7 mwc

Features

- Dry rolling pumping
- Teflon rollers and inserts, gentle pumping, longer hose life
- Small footprint
- Up to 60% less power supply
- Solids pumping

Options

- Special drive design according to customers demands
- Mechanical or electronic flow regulation
- Quick coupling systems, hygienic fittings
- Flanges in several non-metallic materials or SS 316
- Mobile mounting available
- Special paint finishes

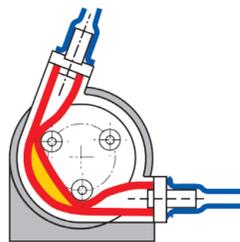
Accessories

- Pump control systems
- Pulsation dampeners
- Dosing systems
- Hose monitor



Working principle

Verderflex ROLLIT hose pumps are self-priming displacement pumps; they can run dry. A medium resistant, flexible hose is pressed together through the Teflon rollers. By rotation of the rotor, the medium in the hose will be pushed forward. The recovery of the hose creates a vacuum, which pulls the medium into it. Peristaltic hose pumps are self priming and do not require flooded suction.



Features

- Chemical Industry
 - Acids, lyes, suspensions, lime milk, flocculants
- Pharma
 - Insulin
- Personal care
 - Creams, lotions
- Ceramic industry
 - Porcelain slurry, glazes, engobes
- Plastics industry
 - Resins, plastics granulate slurry
- Food
 - Spice blends, yeast, fruit mixture, dough, chocolate, oils
- Paint & Lacquer
 - Additives, pigments, lacquer
- Water & wastewater

	Rollit 19SH	Rollit 19TH	Rollit 30SH	Rollit 30TH	Rollit 35SH	Rollit 35TH
Maximum flow (l/h)	500	851	2683	4534	3816	6954
Maximum pressure (bar)	2	2	2	2	2	2
Dry self priming up to (mwc)	7	7	7	7	7	7
Maximum motor power (kW)	0,37	0,55	0,37	1,1	1,5	3



VERDERFLEX ROLLIT HYGIENIC

The clean, green peristaltic pump



Key features of the ROLLIT HYGIENIC:

- Hygienic - Hoses to FDA CFR 21 & EC/1935
- Gentle Low Shear Pumping Action
- No Heat Build Up
- Minimal Product Damage
- Lubricant free with easy, fast tube changeovers

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Verderflex Rollit Hygienic series

The clean, green peristaltic pump

The Verderflex ROLLIT Hygienic is a new family of sanitary dry priming hose pumps, completing the Verderflex range of hose and tube pumps, offering you even more great pumping solutions from Verderflex.

Without a lubricant bath Verderflex ROLLIT Hygienic pumps are ideal for use in biotechnology, beverage production, food processing and the pharmaceutical industry.

Advantages of the Rollit Hygienic hose pumps:

- Gentle, low shear pumping action minimises product damage
- Low pulsation pumping action ideal for fragile and sensitive organic liquors, broths and cultures
- No added heat: Low friction pump mechanism using Teflon rollers and guides
- Reduced intra-batch downtime with clean, fast hose changes
- Efficient electric drive eliminates costly air
- Low Spallation Food Grade Hoses to EC & FDA standards

Verderprene hose meets FDA CFR 21 & EC 1935:2004

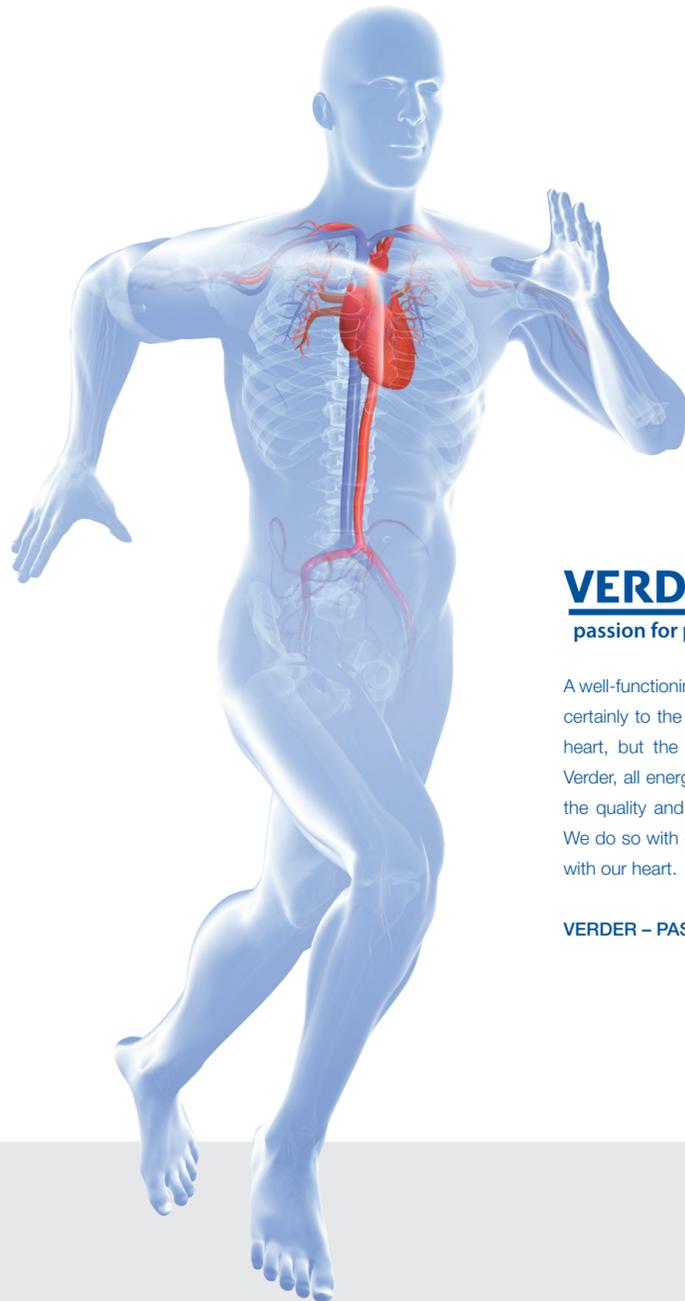
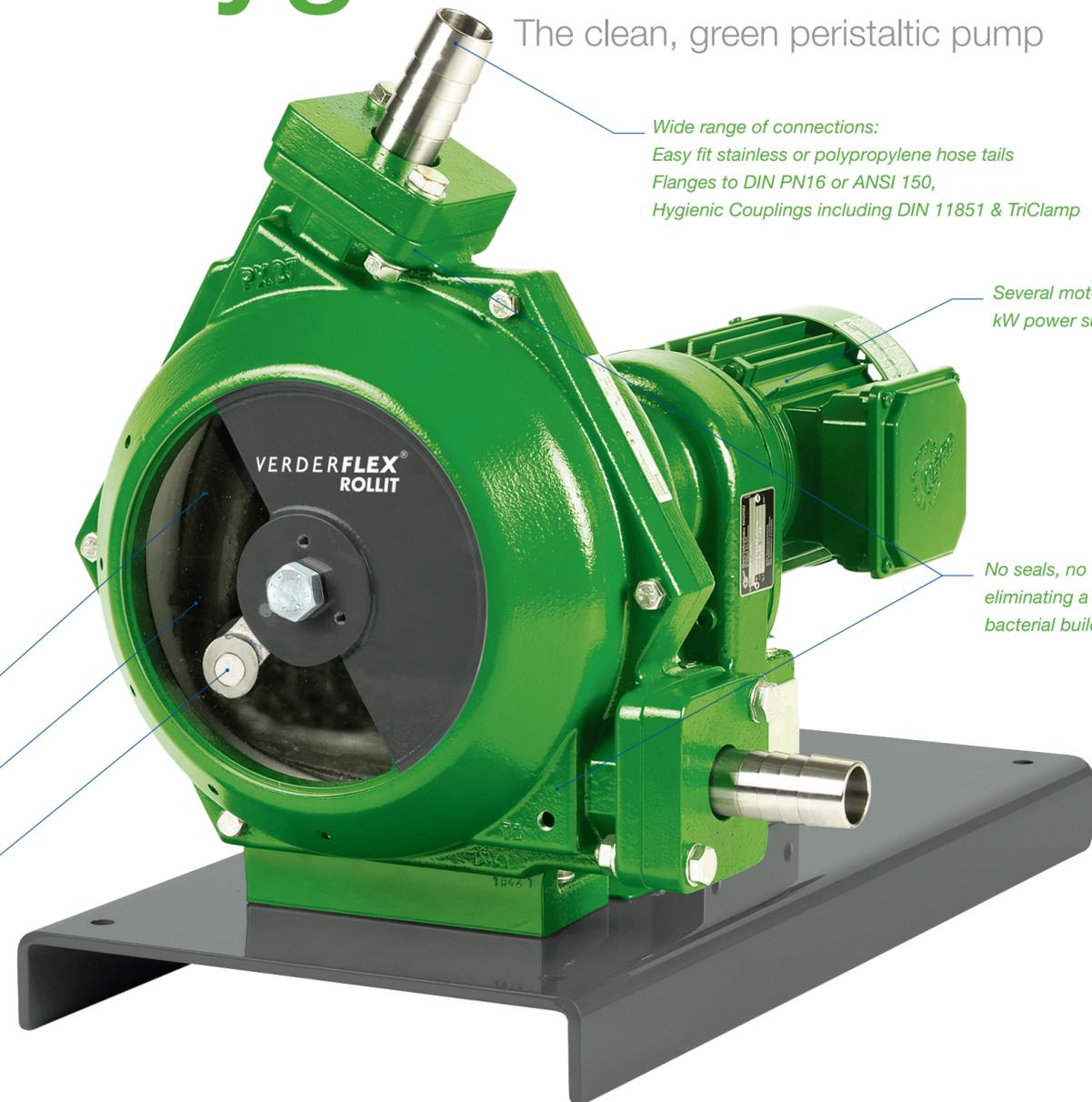
Only the hose is in contact with the pumped product minimising cross contamination risks

Teflon rollers and guides prevent heat build up

Wide range of connections:
Easy fit stainless or polypropylene hose tails
Flanges to DIN PN16 or ANSI 150,
Hygienic Couplings including DIN 11851 & TriClamp

Several motor options up to 3 kW power supply

No seals, no flaps eliminating a source of bacterial build up



VERDER
passion for pumps

A well-functioning pump helps you succeed. That applies certainly to the most important pump in life, the human heart, but the same goes for pumps in business. At Verder, all energy and attention is focused on improving the quality and performance of our pump and service. We do so with energy, dedication and most importantly, with our heart.

VERDER – PASSION FOR PUMPS