

EccentricPumps™

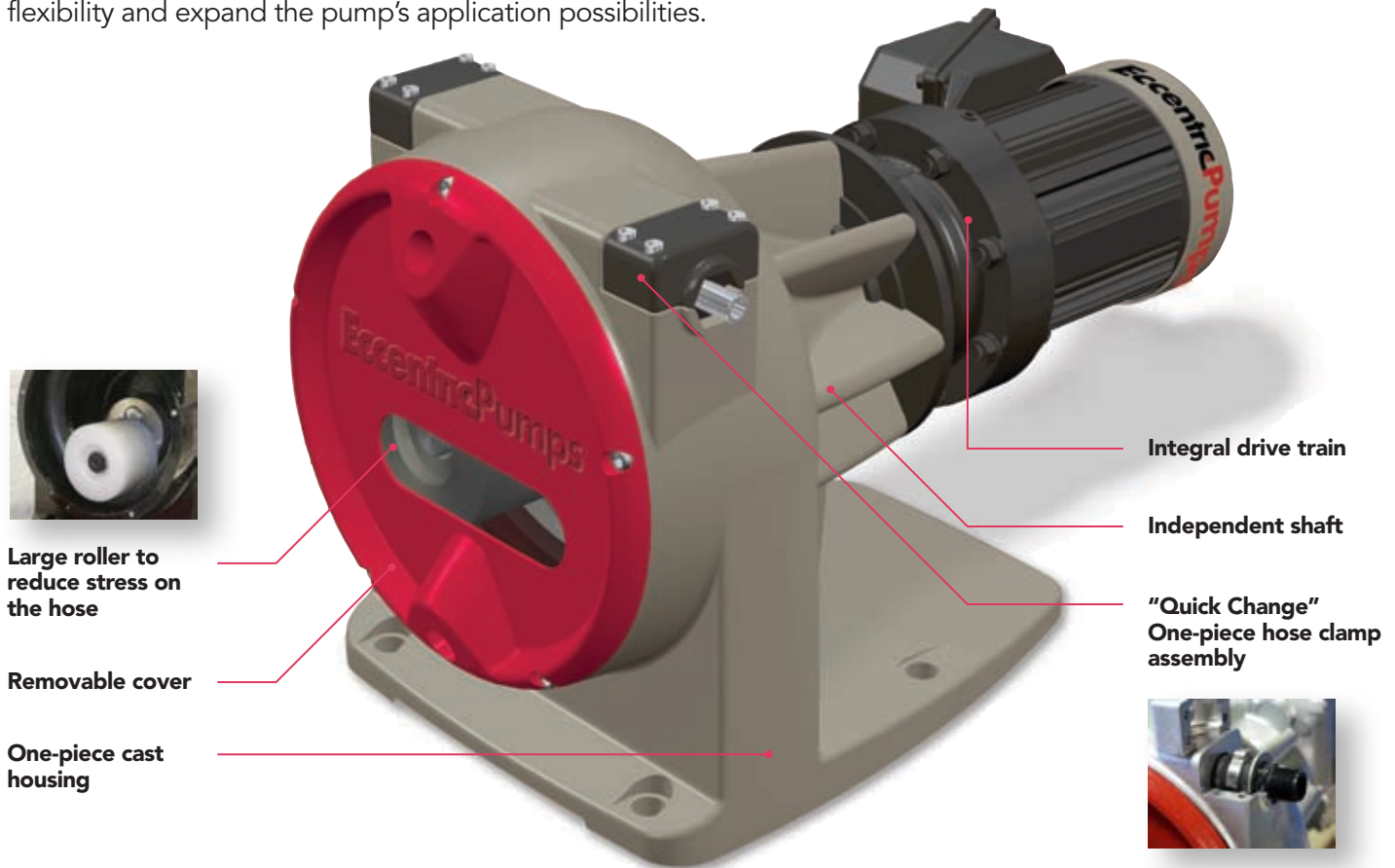
A New Revolution in Hose Pump Technology



The Eccentric SLP Series Hose Pump – A mini pump with maxi output.

Eccentric Pumps presents a revolution in peristaltic hose pump design. Our unique approach employs a single oversized roller that compresses our highly engineered, low friction hose through more than 360 degrees of rotation. Benefits include **more flow per revolution** and **only one compression and expansion per cycle**. At equal performance points the pump **runs slower and the hose lasts longer** than pumps with multiple shoes or rollers.

Several hose diameter options within the same housing enhance operational flexibility and expand the pump's application possibilities.



Unique Advantages of Eccentric Pumps:

- A single hose compression per cycle extends hose life
- More flow per revolution than conventional designs
- Hose materials: NR, Buna (Nitrile), EPDM, Neoprene™, Hypalon™, Viton™, UHMW PE, Food Grade and others.
- Independently supported pump shaft on B-10 10 million-hour bearings
- Buffer zone between the pump and gearbox protects the drive and bearings
- Compact integral drive and motor – can run at speeds as low as 1 rpm
- Unique FDA approved, DST™ Synthetic Lubricant provides maximum hose life
- Pump & Hose technology "Made in America"

Performance Benefits:

- Wider range of operating speeds – both high and low rpm
- Dry running / self-priming / sealless
- Creates high vacuum for suction lift applications
- Pumps in both directions
- Runs 8°F to 10°F cooler by design than sliding shoe pumps
- Smooth passage through the pump – no checks or obstructions
- Relatively high discharge pressures
- Accurate flow for metering applications
- Pumps two phase flow easily
- Handles shear sensitive and abrasive fluids
- Compact footprint

Eccentric Pumps is the new global standard for evaluating hose pumps.

- **Lowest number of hose pinches per 100 gallons pumped (P100)**
- **3X fewer occlusions than our nearest competitor**



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Hose Pump Technology**

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