

# Mouvex Eccentric Pumps Product Range



Industrial  
Trading  
Solutions

# About ITS



Industrial Trading Solutions Ltd are hygienic equipment experts with over 100 years combined experience in the food & beverage, brewery, dairy, pharmaceutical and personal care industries.

Formed in 2002 and based in the Midlands UK, ITS now distribute a multitude of top industry brands with a fast service, at competitive prices and all with an unmatched customer ethos.

Our in-house experts can technically support customers with large system projects, one-off product purchases and maintenance & repair services.

As an ISO9001, ISO14001 & ISO45001 accredited business, you can expect the very best service and the highest standards from Industrial Trading Solutions Ltd.

"Operating within a safe and transparent culture of respect and innovation, we are dedicated to positively conduct ourselves with high ethical standards and integrity. We will continue to invest in and develop our staff, reliable product ranges and services provided, to ensure the high standards expected with the market we operate are upheld or exceeded. As the complete solutions supplier of choice, we value all stakeholders of the business and build strong relationships to reinforce our unrivalled reputation and future growth."

***Peter Jeans, Company Founder and Chairman***



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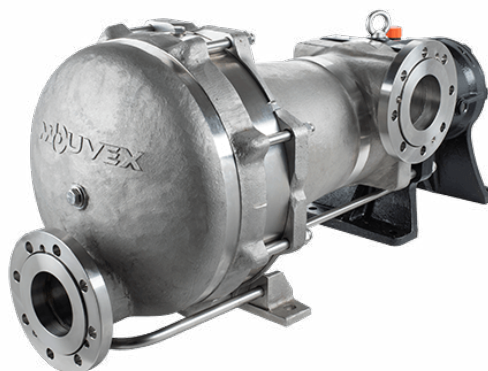
# G-Flo & H-Flo Range

G-FLO Seal-Less Eccentric Disc Pumps are designed to provide premium performance and the ultimate in full containment and safety in chemical-processing and industrial applications, delivering high suction vacuum and high discharge pressure that allow it to self-prime and fully maximize product containment. G-FLO pumps are ideally suited for the safe transfer of critical high-value fluids.

The seal-less eccentric disc transfer solution for chemical & industrial applications requiring high flow rates — up to 65 m<sup>3</sup>/h (286 gpm), 10 bar (145 psi).

## Features & Benefits

- Provides consistent and efficient flow with a wide range of viscosities
- Flow rate of up to 65 m<sup>3</sup>/h (286 gpm), 10 bar (145 psi)
- Eccentric disc design allows for consistent flow and improved energy savings
- Extremely gentle, pulse-free flow to protect shear-sensitive products
- Reduced maintenance with no mechanical seals or timing gears
- Easy to install
- Suitable for most chemical and industrial transfer applications, in particular those that require consistent non-pulsing flow and gentle fluid handling (low shear rates).



G-Flo



H-Flo

H-FLO Seal-Less Eccentric Disc Pumps have been designed for use in a wide range of pumping applications in the food, cosmetic and pharmaceutical industries, all of which require extremely hygienic operations. The H-FLO pump delivers high suction vacuum and high discharge pressure that allow it to self-prime and fully strip lines, a critical consideration when maximizing product recovery.

The seal-less eccentric disc transfer solution for hygienic applications requiring high flow rates — up to 70 m<sup>3</sup>/h (308 gpm), 10 bar (145 psi).

## Features & Benefits

- Provides consistent and efficient flow with a wide range of viscosities
- Flow rate up to 70 m<sup>3</sup>/h (308 gpm), 10 bar (145 psi)
- Eccentric disc design allows for consistent flow to protect shear sensitive products
- Reduced Maintenance with no mechanical seals or timing gears
- Easy to install
- Clean in-place (CIP) and sterilise in place (SIP) for the ultimate in convenience and cleanliness

# SLS & SLC Range

The new generation of Mouvex Eccentric Disc Pumps, designed to provide premium performance and ultimate safety in hygienic applications.

## SLS Features and Benefits:

- Designed without mechanical seals, packing or magnetic drive, the SLS Series features a unique seal-less design with double stainless steel bellows to ensure long life and product safety. The SLS Series provides very high suction and discharge pressures which allow it to self-prime and fully strip lines, maximizing product recovery.
- Clean in place (CIP) and Sterilize in place (SIP) for the ultimate in convenience and cleanliness
- Extremely accurate flow volume even at low speeds
- Can run dry for up to 5 minutes, and the self-compensating eccentric disc principle provides consistent flow rates over a long period of time
- Extremely gentle, pulse-free flow to protect shear-sensitive products



SLC Series Eccentric Disc Pump



SLS Series Eccentric Disc Pump

## SLC Features and Benefits:

- Unique seal-less design features a double stainless steel bellows which ensures durability, safety and product containment. The SLC Series provides very high suction and discharge pressures which allows it to self-prime and fully strip lines, maximizing product recovery.
- The SLC can run dry for up to 5 minutes, and the self-compensating eccentric disc principle provides consistent flow rates over a long period of time. The flow rate is extremely accurate even at low speeds.
- There are fewer moving parts, which results in reduced maintenance and downtime.

# S Series, C Series & Micro C Hygienic Pumps

## S Series

ITS' premium range of eccentric disc pumps designed to run dry and self prime products in the hygienic industry. The transmission mechanism is protected by a high-resistance elastomer sleeve, odourless and tasteless thus meeting the requirements for FDA certification. Very accurate volume metering enabling precise dosing and mixing.

### Features & Benefits

- CIP and SIP compatible.
- Low shear action and good with viscous products.
- High-speed priming and self-priming.
- Pipe draining capability.
- Dry-run capability.
- Capability to clear the pipe.



## C Series

ITS' premium range of eccentric disc pumps designed to run dry and self prime chemical products in the hygienic industry. The C-Series is designed to be flushed and cleaned in place without disassembly. The new SLS Series meets the requirements of EC 1935/2004.

### Features & Benefits

- Self priming.CIP Capability.
- Consistent performance over time due to automatic disc/cylinder adjustment.
- Can be flushed and CIPed without disassembly.
- Pumped product constantly renewed.
- Output not affected by viscosity variation
- Low linear speed.



## Micro C Hygienic Pump

Mouvex Micro C Eccentric Disc Pumps have been designed to provide premium performance for flows of less than 1 m<sup>3</sup>/hr. They feature a unique seal-less design with a double stainless-steel bellows that ensures durability, safety and product containment.

### Features & Benefits

- Consistent flow
- Improved energy savings
- Extremely gentle, pulse-free flow to protect shear sensitive products
- Reduced maintenance with no mechanical seals or timing gears
- Easy to install
- Clean in place (CIP) and Sterilize in place (SIP) for the ultimate in convenience and cleanliness





# Product Recovery

## Want an affordable way to increase your product recovery?

It is a topic that can critically affect the profitability of food and beverage, pharmaceutical and cosmetic manufacturers, from the most basic production-line level on through entire plant efficiencies even overall corporate performance. As belts are tightened, the operators of these manufacturing facilities have been forced to implement new ways to meet established production quotas while spending less money.

For many, the low-hanging fruit in this area has been an increased focus on making their operations more energy-efficient, or "green," to use the increasingly popular vernacular.

The key in optimising product recovery is the pump that is used to transfer raw materials or finished products through the suction and discharge lines. While lobe and ECP pumps have been popular choices for this task in the past, they feature a number of operational inefficiencies that mean optimised product recovery will never be realised.

The solution is Mouvex Eccentric Disc Pump technology, which, by nature of its method of operation, offers the line-clearing and -stripping capabilities that other pump technologies can't accomplish.



To read **The Bottom-Line Benefits Of Product Recovery** scan the QR code:



# Try Before you Buy

To ensure you select the right product for your requirements, Industrial Trading Solutions Ltd have facilities on-site for test and trial, or we can arrange to carry these out on your own premises.



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**Industrial  
Trading  
Solutions**

Industrial Trading Solutions Limited  
6 Station Road,  
Coleshill,  
Birmingham,  
B46 1HT

w: [industrialtradingsolutions.com](http://industrialtradingsolutions.com)  
t: 01675 465191  
e: [sales@industrialtradingsolutions.com](mailto:sales@industrialtradingsolutions.com)