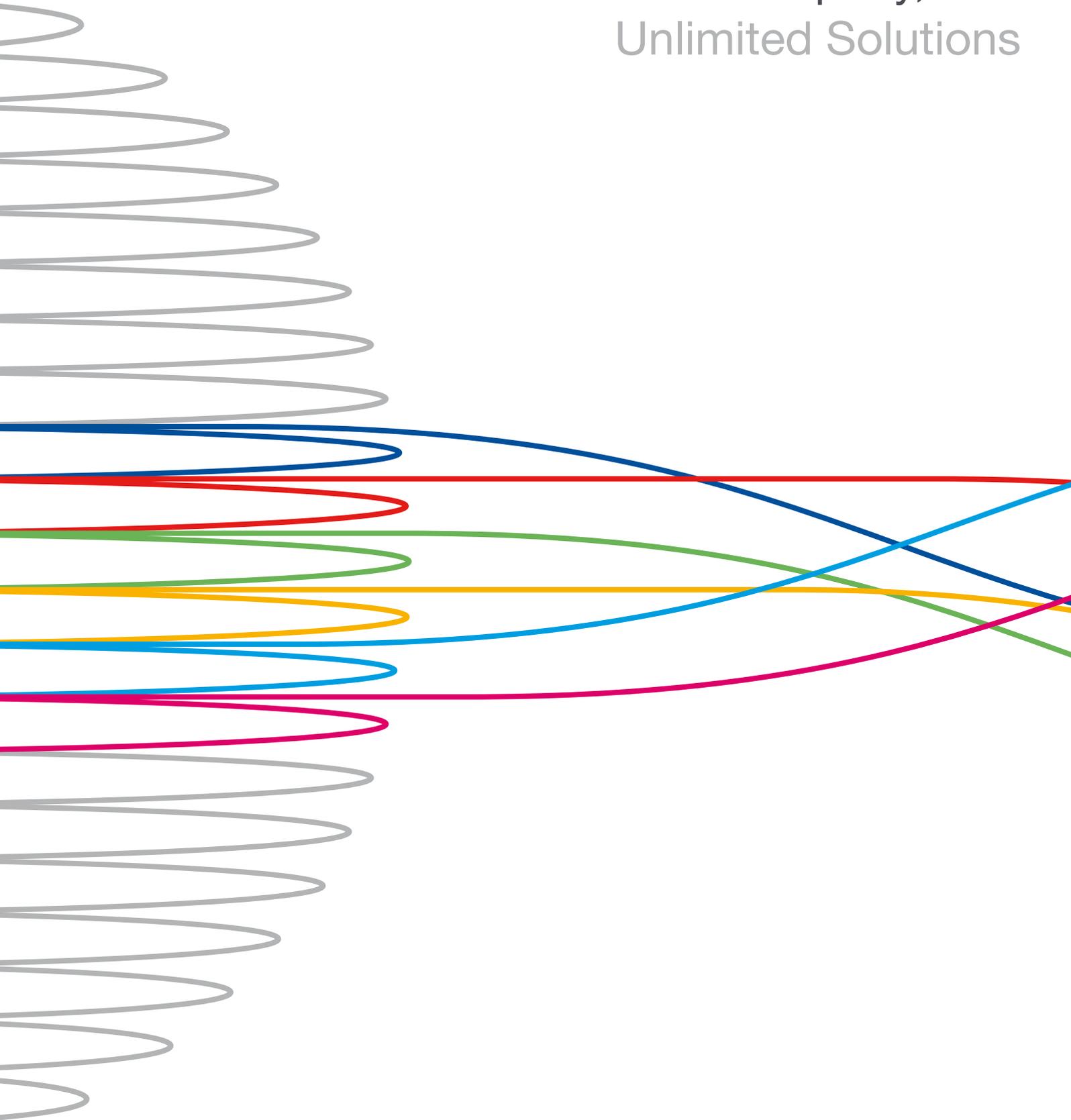


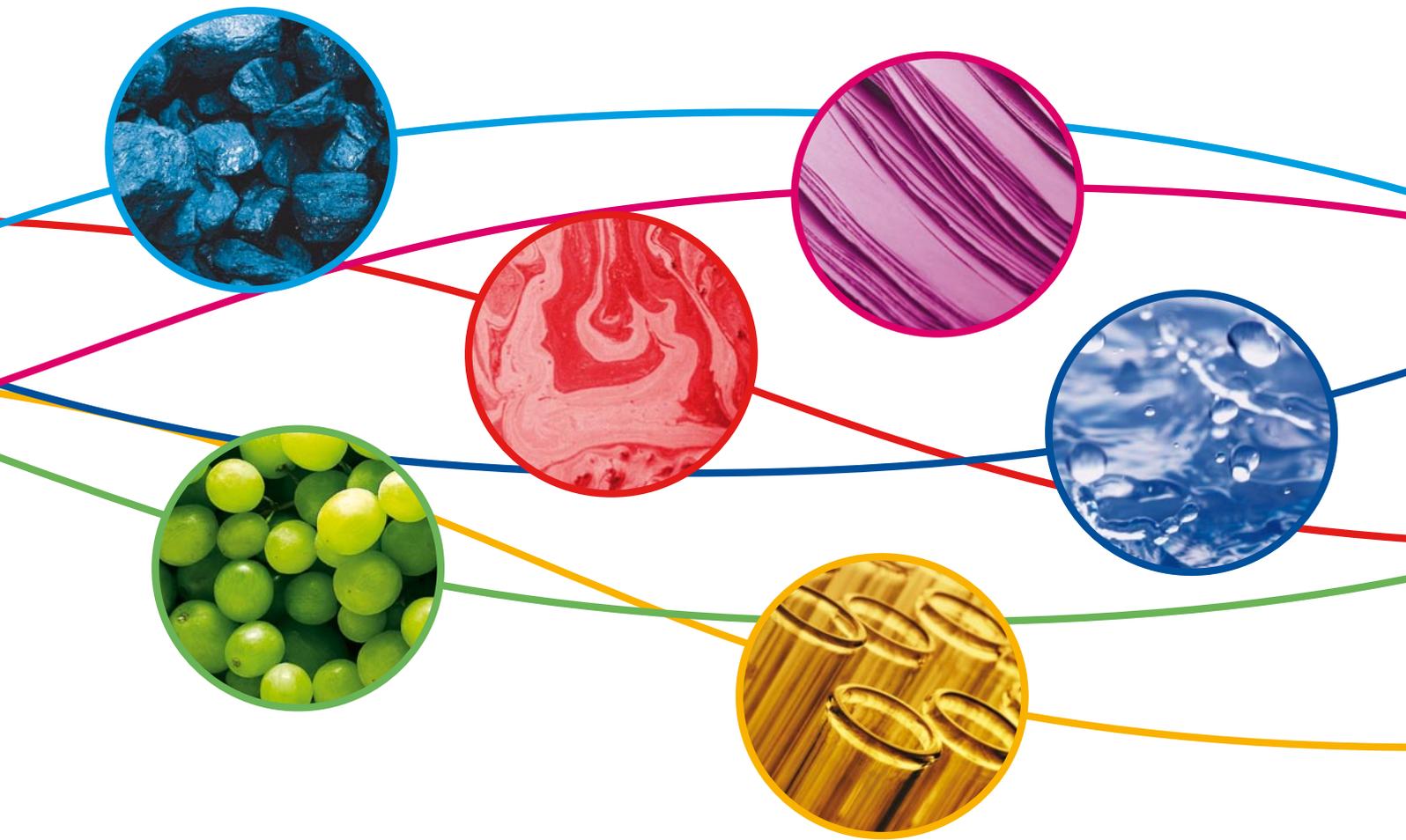
One Company,  
Unlimited Solutions



**Mono**<sup>®</sup> **NOV**

One Company, Unlimited Solutions





**Water & Waste Water**

**Oil & Gas**

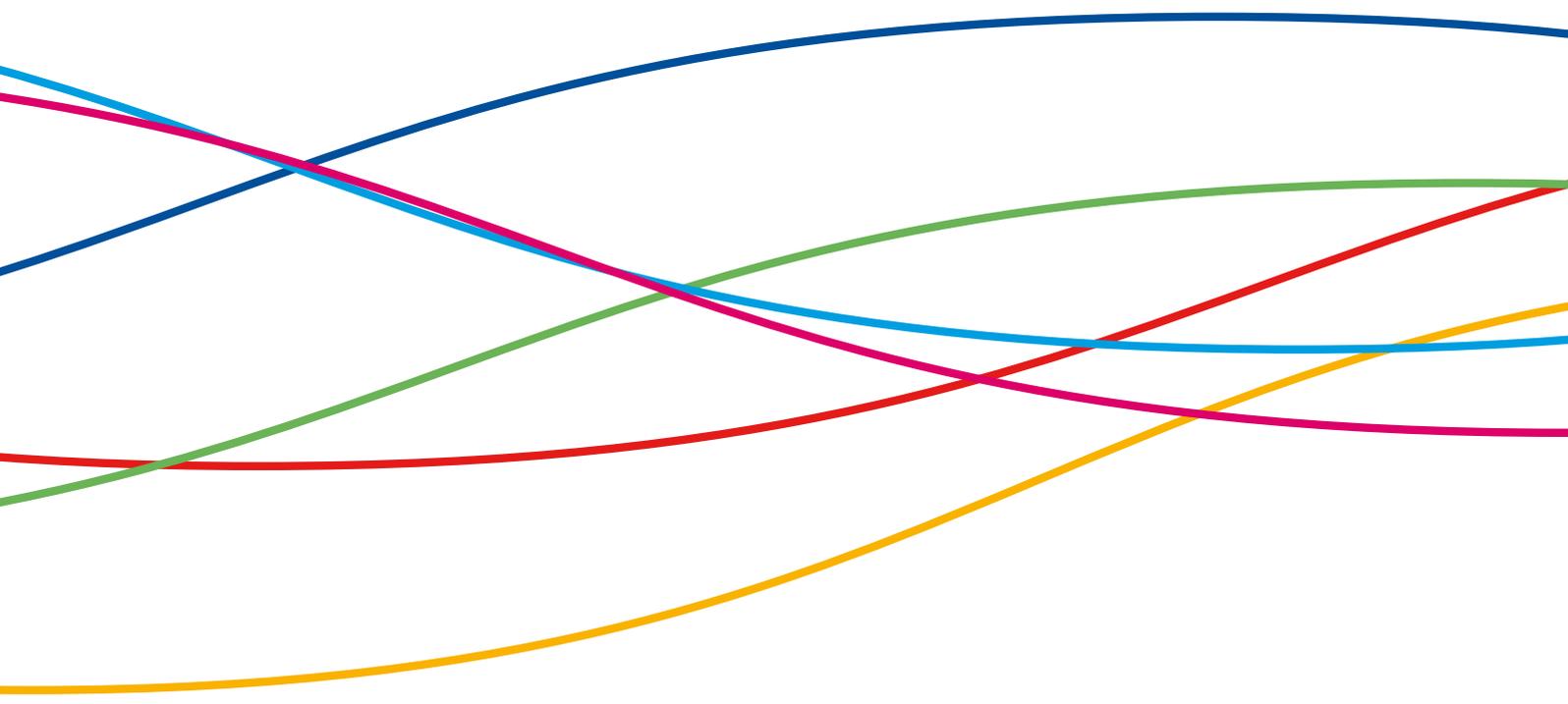
**Food & Beverage**

**Chemical & Pharmaceutical**

**Mining & Mineral**

**Pulp & Paper**

**Agriculture**



## **Who is Mono NOV?**

Mono is a leading name in the design, manufacture and distribution of progressing cavity pumps, parts, grinders, screens and packaged systems, worldwide.

We are unique in providing a comprehensive range of solutions for the multiple application requirements of today's industries, including water supply & waste water, oil & gas, food & beverage, paper & pulp, chemical & pharmaceutical, mining & mineral and agriculture.

Our experience in these industries allows us to have an in-depth understanding of your needs, providing a customer focused solution.



## Our History

Mono first began manufacturing progressing cavity pumps in 1935. We have continued to engineer industry-leading pump ranges for over 70 years, together with our other recognized brands for grinders, screens and packaged pumping systems. We have a proven history of providing quality products with an unrivalled service.

### Capabilities and Expertise

---

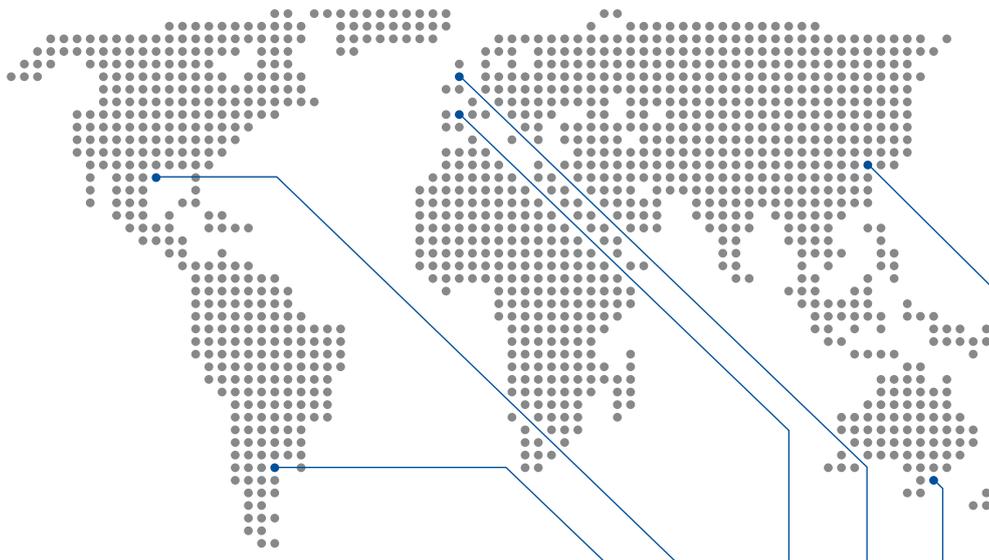
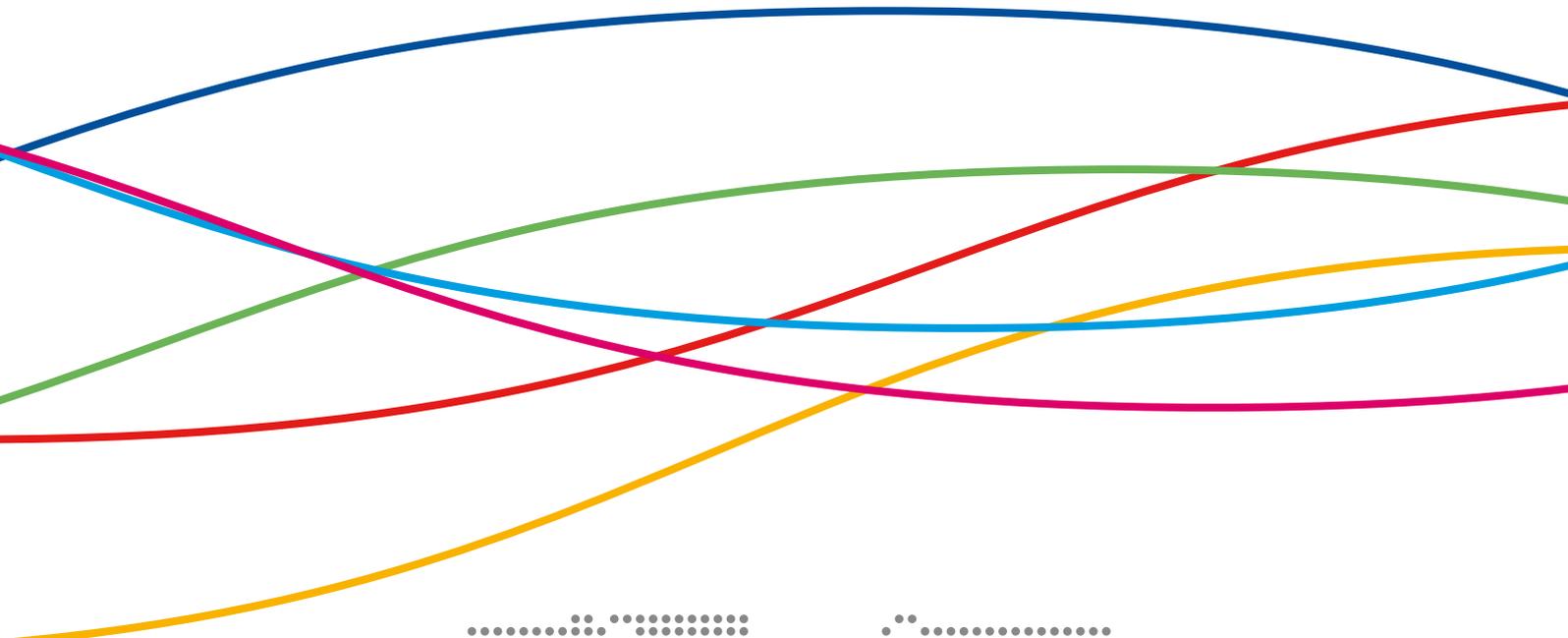
Mono manufacture all the key components for progressing cavity pumps, so we are in a unique position to closely control the quality and integrity of our products to ISO 9001:2000 standards. Qualified and experienced personnel offer expert advice and pre-sales assistance, and the design team provides full certified drawings available in 3D to assist installation by yourself or our dedicated installation team.

### Our People

---

We are passionate about providing the right solutions for your business. Our experience and expertise is unparalleled; we offer a world-renowned level of service that truly is second to none.

This experience continues to evolve through our commitment to apprenticeship and training schemes, which is testament to our investment in engineering knowledge and expertise. Developing the engineering talent of the future is built into our overriding philosophy.



### National Oilwell Varco

Mono's heritage and global success is further enhanced by National Oilwell Varco (NOV), our parent company.

NOV is a leading provider of oilfield products and services to the oil and gas industry, with more than 140 years' experience. They have over 20,000 employees around the world with revenues in excess of \$7 billion.

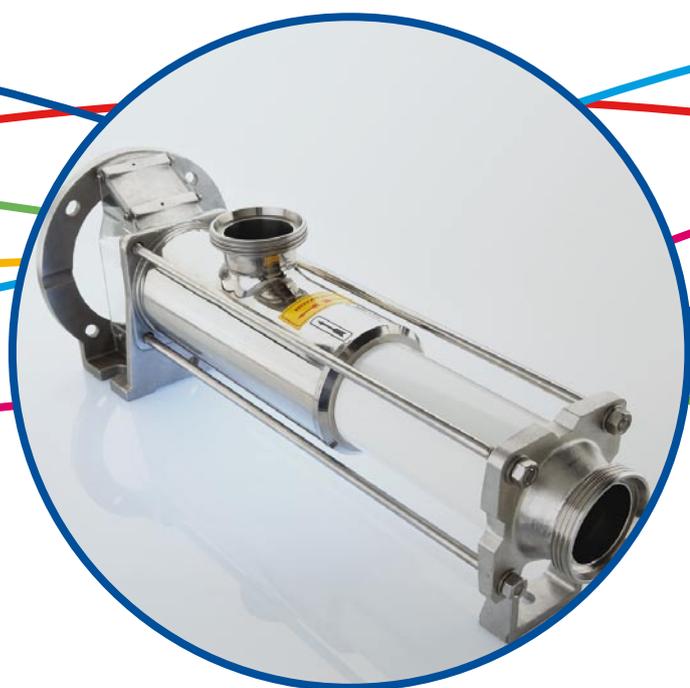
### Global Reach



Mono has a global network of manufacturing plants, offices and distribution centres, with sites based in:

- Manchester, UK
- Melbourne, Australia
- Houston, USA
- Auckland, New Zealand
- Shanghai, China
- Rebeville, France
- Buenos Aires, Argentina

In addition to our own extensive network, Mono enjoys a number of partnerships with leading distributors around the world, meaning customers can take advantage of Mono's vast expertise and product range, with a local personal service.



## Product Range

Mono's heritage is built on the progressing cavity pump principle: a single helix rotor that revolves eccentrically inside a double helix stator, creating a continuously forming cavity as it rotates. This world-renowned design is complemented by our other product ranges of grinders, screens and packaged systems.



## Pumps

---

### Heavy duty industrial transfer pumps

Constructed with interchangeable components, sealed pin joints or a Flexishaft® drive system, these are designed to offer reliable operation and a long service life for a wide variety of applications.

---

### Light duty industrial transfer pumps

Designed for use where low flow or transfer duties in both domestic and industrial applications are required, these pumps are easy to maintain and can fit into small spaces.



---

### Widethroat pumps

Featuring an enlarged inlet and screw conveyor to assist viscous products into the pumping element, these can handle dry solids approaching 40%, such as slurries or thick non-flowing pastes.

---

### Dosing pumps

Ideal for use where accurate, low flow pumps are required for either intermittent or continuous dosing.

---

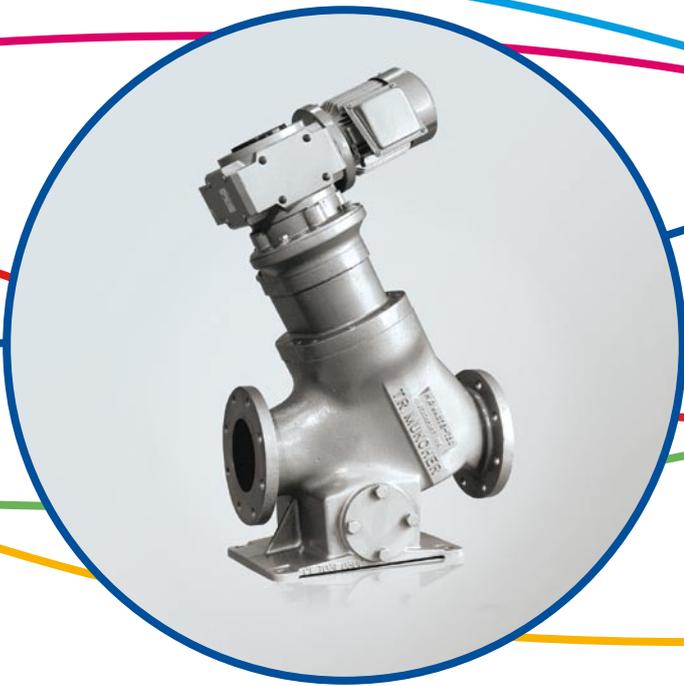
### Hygienic pumps

Manufactured from food-approved materials, these have a polished stainless steel construction and a one-piece suction chamber to reduce the risk of product contamination.

---

### Solar pumps

Designed to supply water from wells or rivers for stock watering, domestic water supply and irrigation systems. Our solar products have been used in some of the most remote and inhospitable regions of the world and have helped thousands solve their water pumping problems.



### **Munchers**

---

A range of twin shaft, low speed, high torque grinders that crush, crop and shear solids to a small particle size. Munchers have been used for over 40 years for protecting pumps and/or downstream process equipment.



### **Screens**

---

Mono manufacture screens with intermeshing discs and a self-cleaning operating principle. This eliminates the need for frequent raking usually associated with inlet works or pump station applications.

For storm overflows, our flow-powered screen requires no electrical installation or running costs.

When full extraction of screenings is needed, Mono can also supply a combination of screen, Muncher and screw extractor for screenings removal.



### **Packaged Pump Systems**

---

The combination of a Mono PC pump with a macerator or Muncher offers you a packaged pumping system that efficiently macerates and transfers sewage through small bore pipework.

Pressure Sewer Systems are an alternative to traditional sewer systems in countries where conventional sewer technologies will not operate. Raw sewage is moved under pressure into the pressure sewer system.



### **Mono Genuine Spare Parts**

---

Spares are available to order on-line at [www.mono-pumps.com](http://www.mono-pumps.com) or through our global sales network. Customers can be assured of quick availability and delivery.

In-house manufacturing gives Mono full control of all major parts, ensuring accurate tolerances and correct material specification.

We hold comprehensive stocks for PC pump spares offering best-in-class lead times, minimising downtime and eliminating the need for you to hold extensive stocks.

We also supply Mono Genuine Spares for other brands of PC pumps. These parts attract the same warranties and guarantees as parts for Mono pumps.

## Service and Support

Mono can offer additional levels of customer support from a number of sites, including design, project management capabilities and ongoing maintenance and refurbishment.

### Design and Project Management

---

Project management and installation is an area where Mono has developed to offer you a complete design and installation solution. Our dedicated team can manage the design of equipment and installation into your new or existing plant. Qualified engineers install all the necessary equipment quickly to minimize any disruption to your process.

### Aftermarket Support

---

#### Our services include:

- Planned maintenance contracts to ensure optimum performance
- 24-hour emergency breakdown service
- A full service exchange package
- A standard 12-month warranty on all Mono products, with extended warranties available on selected items
- Parts can be purchased on-line at [www.mono-pumps.com](http://www.mono-pumps.com) or direct from your local Mono office or via our distributor network

All products purchased from Mono, or distributors, are fully supported by the customer service facilities within the Mono Group.

Our goal is to keep your equipment working efficiently, to ensure long, trouble-free operation.





## Customers

---

Our large client portfolio includes:

Water Utilities

Millennium Inorganic

GlaxoSmithKline

Balfour Beatty plc

BHP Billiton

Dyno Nobel

Local government

CIBA Speciality Chemicals

Colgate-Palmolive

Iggesund Paperboard

Taiwan Pulp & Paper Corporation

Cadbury Schweppes

BP Solar

British Sugar

Biwater

OJI Paper

Orica

If you think your business could benefit from our world-class service, please contact a local Mono office or log on to [www.mono-pumps.com](http://www.mono-pumps.com)

**Mono**<sup>®</sup> 

One Company, Unlimited Solutions

## Europe

Mono Pumps Ltd, Martin Street, Audenshaw  
Manchester, M34 5JA, England  
T. +44 (0)161 339 9000  
E. [info@mono-pumps.com](mailto:info@mono-pumps.com)

D.M.I EST, 56, rue du Pont  
88300 Rebeuville, France  
T. +33 (0)3 29 94 26 88  
E. [dmi-est@dmi-est.fr](mailto:dmi-est@dmi-est.fr)

## Americas

Monoflo Inc., 10529 Fisher Road  
Houston, Texas 77041, USA  
T. +1 713 980 8400  
E. [inquire@monoflo.com](mailto:inquire@monoflo.com)

Moineaus s.a.i.c, Florida 716 2nd Floor "A"  
1005 Buenos Aires, Argentina  
T. +54 11 4322 9545  
E. [moineaus@satlink.com.ar](mailto:moineaus@satlink.com.ar)

## Australasia

Mono Pumps (Australia) Pty Ltd  
Mono House, 338-348 Lower Dandenong Road  
Mordialloc, Victoria 3195, Australia  
T. +61 (0)3 9580 5211  
E. [ozsales@mono-pumps.com](mailto:ozsales@mono-pumps.com)

Mono Pumps (New Zealand) Ltd  
PO Box 71-021, Fremlin Place, Avondale  
Auckland 7, New Zealand  
T. +64 (0)9 829 0333  
E. [info@mono-pumps.co.nz](mailto:info@mono-pumps.co.nz)

## Asia

Mono Pumps Ltd, No. 500 YaGang Road  
Lujia Village, Malu, Jiading District  
Shanghai 201801, P.R. China  
T. +86 (0)21 5915 7168  
E. [monoshanghai@nov.com](mailto:monoshanghai@nov.com)

[www.mono-pumps.com](http://www.mono-pumps.com)



Published information other than that marked CERTIFIED does not extend any warranty or representation, expressed or implied, regarding these products. Any such warranties or other terms and conditions of sales and products shall be in accordance with Mono Pumps Limited standard terms and conditions of sale, available on request.

© Mono Pumps Limited September 2007 Literature reference: MCSB/01/01  
Mono®, Muncher® and Flexishaft are registered trademarks of Mono Pumps Ltd.  
Registered in England No 300721