

INDUSTRIAL SOLUTIONS

INDUSTRIAL AND ENVIRONMENTAL SOLUTIONS



Watson-Marlow Fluid Technology Solutions
Watson-Marlow Fluid Technology Solutions supports its customers locally through an extensive global network of direct sales operations and distributors

wmfts.com/global



World-class pumps

for industrial fluid transfer applications



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Watson-Marlow Fluid Technology Solutions is unique in being able to work with you to ensure your fluid transfer requirements are achieved. Our industrial peristaltic and sinusoidal pumps, hoses and tubing integrate seamlessly into your process control system, providing very low maintenance and low whole-life cost.



Watson-Marlow peristaltic pumps eliminate the need for ancillaries and increase productivity by providing accurate and repeatable flow rates. Rapid and simple installation ensures a low total cost of ownership.

wmfts.com/watson-marlow

Qdos® chemical metering and dosing pumps

Flow rates from 0.1 ml/min to 600 L/h
Up to 9 bar pressure
Cut chemical costs through higher accuracy metering
Simple drop-in installation eliminates ancillary equipment
One minute tool-free maintenance



600 series

Flow rates from 0.001 ml/min to 19 L/min
Up to 4 bar pressure



700 series

Flow rates from 0.12 L/min to 33 L/min
Up to 2 bar pressure



500 series

Flow rates from 0.4 µl/min to 3.5 L/min
Up to 7 bar pressure



Panel mount pumps

Flow rates from 0.01 µl/min to 35 L/min
Complete OEM pump with EtherNet/IP™ and PROFINET® options



Close-coupled pumps

Flow rates from 0.09 L/min to 19 L/min
Fixed or variable speed
ATEX option available



Watson-Marlow is the only peristaltic pump manufacturer in the world to manufacture its own tubing, optimising our tubing tolerances and formulation to deliver the best process pump performance.

wmfts.com/tubing

Marpren®

Industrial grade thermoplastic elastomer tubing

- Wide chemical compatibility and long life
- Low gas permeability
- Highly resistant to oxidising agents



Maxthane®

The perfect choice for peristaltic dosing and metering applications

- Compatible with a broad range of chemicals
- LoadSure element for easy changeover
- International food compliance



LoadSure®

LoadSure technology offers snap-fit one minute maintenance

- Greater reliability, easy installation and increased productivity
- Elements guarantee correct tube loading
- Requires less than one minute to change



Bredel

Hose Pumps

Bredel hose pumps have suction lift capability up to 9.5m, are dry running and self-priming. Without seals, ball check valves, diaphragms, glands, immersed rotors, stators or pistons to leak, clog, corrode or replace, they are ideal for abrasive slurries, corrosive acids, and gaseous liquids.

Precision manufactured hoses guarantee tolerances and perfect hose compression, eliminating slippage which can destroy shear sensitive product and reduce metering accuracy.

wmfts.com/bredel

APEX® hose pump series



Flow rates to 6,200 L/hr
Optimised for process uptime up to 8bar pressure
Seal-less, valve-less design lowers total cost of ownership
Increased process uptime with precision machined hose elements



Bredel® hose pump series



Flow rates up to 108,000 L/hr
Designed for heavy-duty operation. Handles abrasive slurries, corrosive acids and gaseous liquids up to 16bar
Seal-less, valve-less design lowers total cost of ownership
Minimal maintenance - just change the hose



Natural rubber (NR)

Transfer and metering hoses. Resistant to diluted acids and alcohols
Max. fluid temp 80C
Min. fluid temp -20C



EPDM

Resistant to highly concentrated acids and bases
Max. fluid temp 90C
Min. fluid temp -10C



Buna N (NBR)

Resistant to oils, greases, alkalis and detergents
Max. fluid temp 80C
Min. fluid temp -10C



CSM

Resistant to ketones, alcohols and concentrated acids
Max. fluid temp 80C
Min. fluid temp -10C



Aflex Hoses are the most technically advanced range of PTFE lined flexible hose products in the world. Hoses are designed to ensure fast flow, resistance to high pressures and temperatures as well as combining unmatched flexibility with kink resistance.

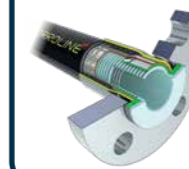
wmfts.com/aflex

Corroflon®



The PTFE liner in Corroflon has shallow convolutions which minimise the restriction in flow rates, and an external reinforcement wire in the external convolutions provides full vacuum resistance and kink resistance

Corroline+®



Corroline+ hose is designed for use as a chemical hose or industrial hose, with the added benefit that it has been reinforced to withstand the most severe conditions of physical abuse. Corroline+ is crush and kink resistant



MasoSine® Sinusoidal pumps deliver a low shear, gentle pumping action that safely transfers shear sensitive products without risk of damage

Low shear with almost zero pulsation sinusoidal pumps

High suction lift with low NPSHR/NIPR to avoid cavitation

Superior energy efficiency, especially within viscous application

wmfts.com/masosine

SPS series



Flow rates up to 99,000 L/hr
Up to 15bar pressure
Handles products with a viscosity up to 8 million cP
High suction capability up to 0.85 bar

