

# PRINT and PACKAGING

Improve your Process



# Fastest changeover and total print

Peristaltic pumps from Watson-Marlow Bredel are the first choice for printers, because they give:

- Fast changeover and set-up time, reducing costs
- Total containment with no cross-contamination
- Smooth, low-shear flow - no foaming
- Fast cleandown and no ink waste



## Shortest changeover time

Watson-Marlow Bredel pumps maximise uptime because changing a tube takes less than a minute without the need for tools or skills.



## Printer-friendly

A tube change or straight-through flushing, plus the pumps' ability to run in reverse, means lines can be quickly emptied and cleaned without waste or mess. Dry-running and self-priming allow automatic start-up.

## Smooth and constant flow

Inks, coatings and adhesives can be shear sensitive. Unlike other positive displacement and centrifugal pumps, Watson-Marlow Bredel pumps provide accurate flow rates across all viscosities, with no foaming or product separation.

## Reliability

Pump failure stops print runs. Watson-Marlow Bredel pumps have no seals, valves, diaphragms, glands or immersed rotors to leak, clog or replace. They are robust, virtually maintenance-free and they out-perform all other pumps.

*Applications include:*

- Ink supply and return to trays and chambers
- Sump/waste transfer
- Starch and glue supply



# run confidence...

## A pump designed for your industry

Watson-Marlow Bredel pumps are designed for print and packaging. The low-shear peristaltic action is created by compressing a tube element between rotating rollers, pumping ink precisely. The fluid is contained within the tube, separated from the pump. Other pump types rely on a mechanism working within the pumped fluid.

Watson-Marlow Bredel offer a full range of fixed or variable speed drives, plus ATEX and pneumatic motors to meet all printing and packaging customer requirements.

## Open, expert advice to give the best system installation

A Watson-Marlow Bredel engineer based close to you will carry out a full consultation to ensure that we understand your needs, and help you select a suitable pump with clear benefits and payback. That same engineer will be there to support your installation and ensure you are completely satisfied.



The testimonials shown below were given to an independent marketing organisation by customers who are delighted to have found Watson-Marlow Bredel.

### *Works Manager*

*"They have been quite a breakthrough for us.  
They are very easy to clean and avoid cross contamination"*



### *Print Manager*

*"They have a very good reputation.  
The pumps do what our printers like. I like the product"*

### *Print Technician*

*"The product is first class. They do everything we expect them to do.  
They are very reliable and we have had no problems."*



Watson-Marlow Pumps Group has six world-class factories supported by direct sales operations in 24 countries and distributors in more than 50 countries. For contact details visit our website:

[www.wmpg.com](http://www.wmpg.com)



Watson-Marlow

Bredel

Flexicon

MasoSine



## Watson-Marlow online

Our engineers around the world can help you choose the perfect pump and tubing for your needs.

More information?  
Our brochures are on our website - [www.wmpg.com](http://www.wmpg.com)

*Watson-Marlow... Innovation in Full Flow*

Tel: +44 (0) 1326 370370  
[info@wmpg.co.uk](mailto:info@wmpg.co.uk)

Watson-Marlow Pumps Group  
Falmouth, Cornwall TR11 4RU, UK  
[www.wmpg.co.uk](http://www.wmpg.co.uk)

The information in this document is believed to be correct, but Watson-Marlow Pumps Group accepts no liability for any errors it contains, and reserves the right to alter specifications without notice. Watson-Marlow, Pumpsil, PureWeld, LoadSure, Laser Traceability, Bioprene, Marprene, Qdos and ReNu are registered trademarks of Watson-Marlow Limited. STA-PURE PCS and STA-PURE PFL and Style 400 are trademarks of WL Gore and Associates Inc. Diagrams are provided for illustrative purposes only.