

# MR PUMPS

High-throughput sanitary pumps for up to 10 bar pressure



# MasoSine MR Pumps High-throughput sanitary pumps

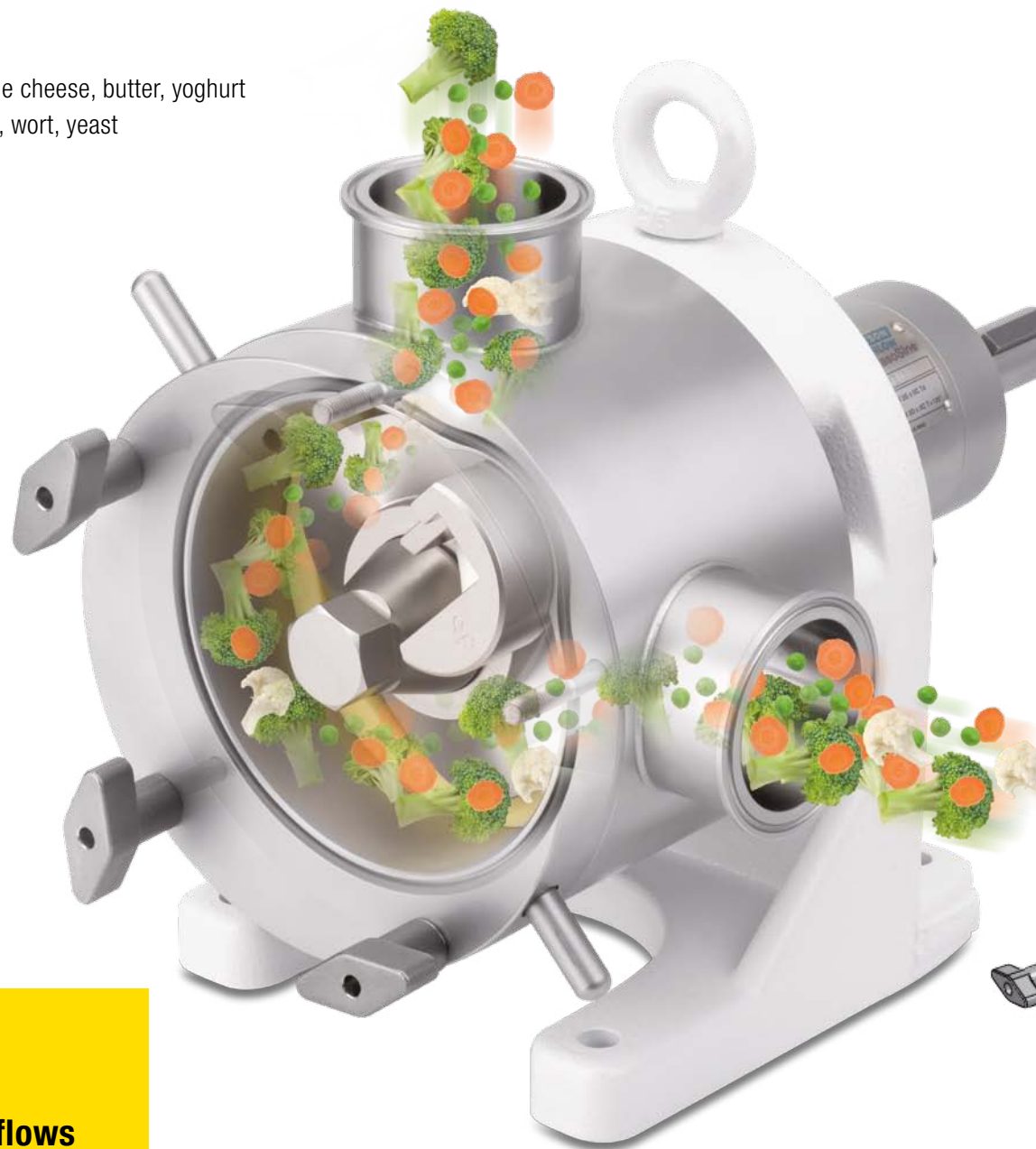
MasoSine's MR pump satisfies demanding processing requirements cost-effectively, using the unique MasoSine pumping principle.

## Design advantages

- Powerful suction even for viscous products
- Low pulsation for smooth, consistent flow
- Low-shear action does not damage fragile and shear-sensitive fluids
- Wearing parts easily replaced on site
- Holds 3-A Sanitary Standards authorisation

## Typical applications

- Cheese, curds and whey, cottage cheese, butter, yoghurt
- Fruit concentrates, syrups, beer, wort, yeast
- Batter, frosting, fillings, slurries
- Soups, stews, deli salads
- Chocolate, caramel, fruit fillings

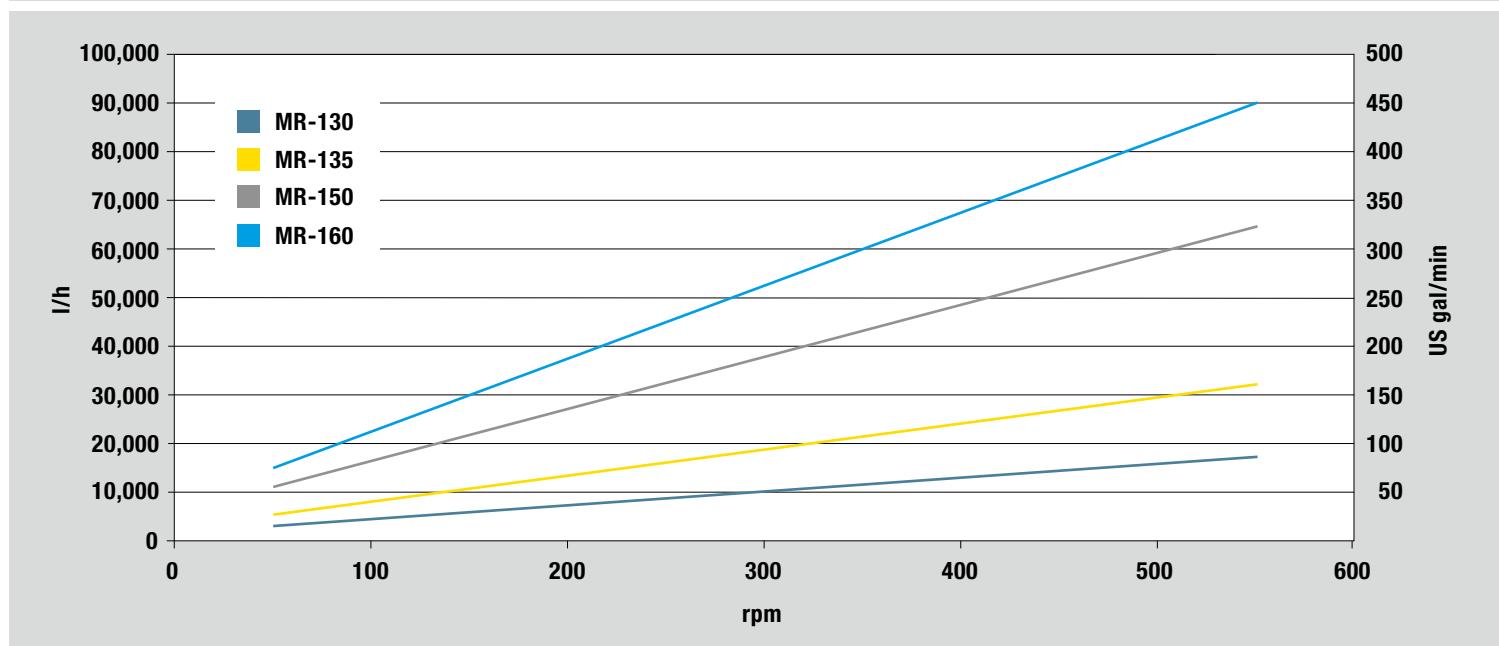
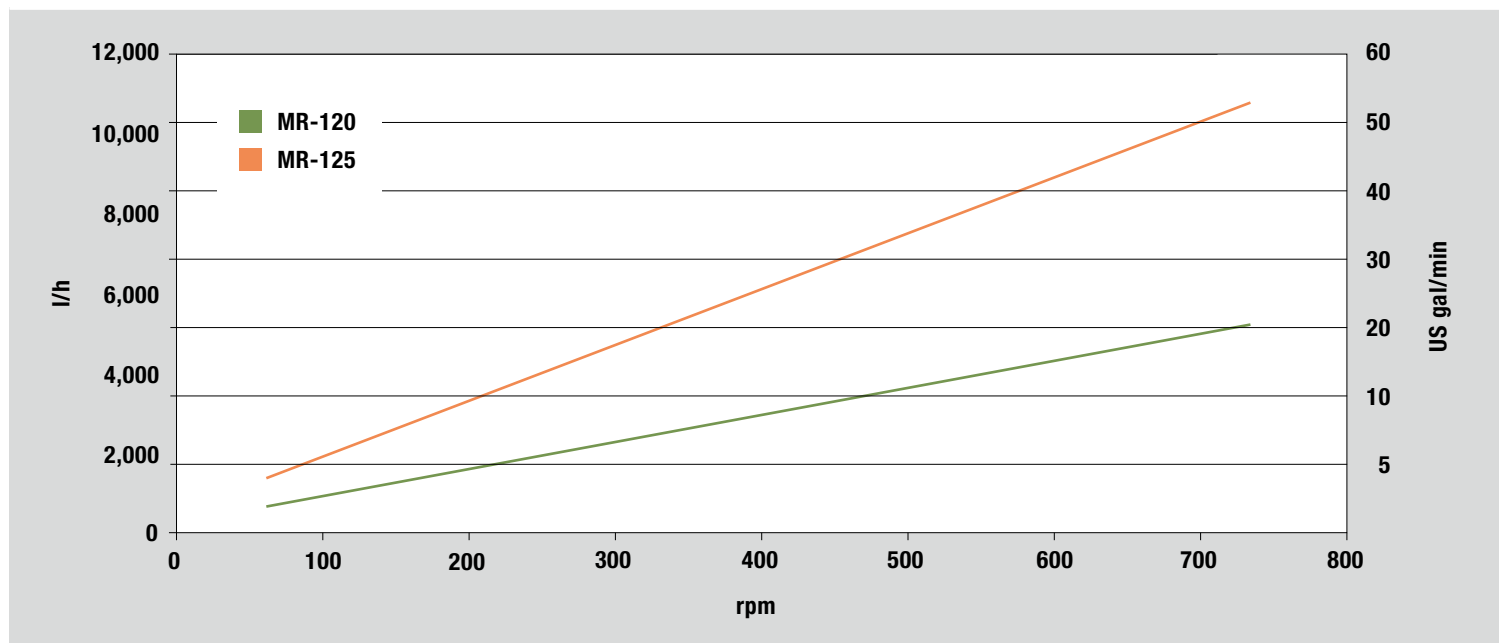


**The MasoSine MR sanitary pump offers flows to 90,000 litre/hour and pressures to 10 bar.**



# MasoSine MR Pumps Performance tables

These curves are theoretical. Actual performance may be affected by pressure and viscosity.

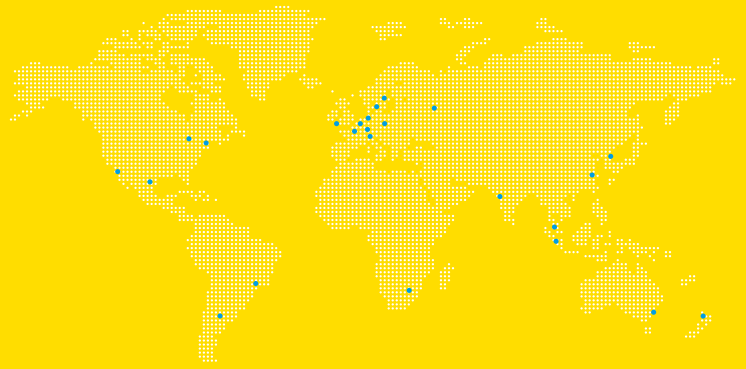


| Technical Data |  |                                      |                      |                               |                             |
|----------------|--|--------------------------------------|----------------------|-------------------------------|-----------------------------|
| model          | flow per revolution<br>cm <sup>3</sup> (gallons) | maximum particle size<br>mm (inches) | maximum speed<br>rpm | shaft diameter<br>mm (inches) | shaft height<br>mm (inches) |
| MR-120         | 106 cm <sup>3</sup> (0.03 gal)                   | 17 mm (0.67 in)                      | 800 rpm              | 25 mm (0.98 in)               | 114 mm (4.49 in)            |
| MR-125         | 224 cm <sup>3</sup> (0.06 gal)                   | 22 mm (0.87 in)                      | 800 rpm              | 25 mm (0.98 in)               | 146 mm (5.75 in)            |
| MR-130         | 470 cm <sup>3</sup> (0.12 gal)                   | 30 mm (1.18 in)                      | 600 rpm              | 38 mm (1.50 in)               | 181 mm (7.13 in)            |
| MR-135         | 875 cm <sup>3</sup> (0.23 gal)                   | 36 mm (1.42 in)                      | 600 rpm              | 38 mm (1.50 in)               | 193 mm (7.60 in)            |
| MR-150         | 1784 cm <sup>3</sup> (0.47 gal)                  | 50 mm (1.97 in)                      | 600 rpm              | 50 mm (1.97 in)               | 235 mm (9.25 in)            |
| MR-160         | 2500 cm <sup>3</sup> (0.66 gal)                  | 60 mm (2.36 in)                      | 600 rpm              | 65 mm (2.56 in)               | 235 mm (9.25 in)            |



The Watson-Marlow Pumps Group has five 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)



**MasoSine Watson-Marlow Bredel Flexicon**



### 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)

### MasoSine Process Pumps

Postfach 100

74360 Ilsfeld · Germany

Tel. +49 (0) 70 62 / 95 60-0

Fax +49 (0) 70 62 / 6 45 93

E-Mail: [info@masosine.de](mailto:info@masosine.de)

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

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