

PRESSMATE RANGE

WATER PURIFICATION

PRESS
Mate

**THE PERFECT PARTNER FOR
YOUR PRESS**

The MGE **PRESSMate** set of equipment includes a range of 3 different sizes of Reverse Osmosis Water purification systems designed to aid performance and minimise operator intervention in the printing process. All have been designed to work in conjunction with MGE's range of Dampening Circulators, Dosing and Filtration systems.

The quality and consistency of a Printers output is as critical as ever in today's highly competitive market. However as environmental concerns push for reduced chemical and alcohol usage, so water consistency becomes more and more crucial in the printing process to maintain the high standards expected. The 'RO' process of water treatment is one of the most widely used and the only commercially viable process that removes up to 99% of all water contaminants delivering a consistent water supply every day of the year.

The **PRESSMate** RO range of units have been specifically designed not just as water purifiers but as complete press water management systems suitable for single or multi-press installations.

Sediment and Carbon pre-filters ensure initial particle and chlorine removal whilst the high quality TFC RO membranes separate out other impurities resulting in a constant supply of ultra pure water. An integral dosing pump then adds a small percentage of synthetic hardening agent to bring the water back to an optimal level of hardness and this water is then stored until it is needed in an airtight pressurised tank to prevent airborne contamination.

Features include:

- Easily accessible sediment and carbon pre-filters for particle and chlorine removal
- Low feed water pressure protection
- High quality 'RO' membrane ensuring consistent ultra-pure water
- 0.2% - 1.6% dosing pump for hardening agent
- Convenient sample taps at each stage to enable accurate setup and monitoring
- Expandable water processing capabilities
- 200-400% less waste 'grey' water rejected than other RO systems currently on the market.



Certificate No. FM 15051
BS EN ISO 9001:2000

TECHNICAL SPECIFICATIONS

Model	RO - 1400	RO - 2400	RO - 4000
Production rate	1400 litres per day	2400 litres per day	4000 litres per day
Dimensions - HxWxD	1000 x 500 x 520		
Power supply	230v, 1ph, 50Hz		
Power consumption	0.37 kW		
Min. Feed-water pressure	1.7 bar		

MGE reserve the right to change, improve and/or modify all or any products manufactured and sold by us at anytime; this does not incur any obligation on our part to make like changes to any of our product previously sold.

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