

# PRESSMATE 15 & 20KW

## DATA SHEET

**PRESS**  
*Mate* ❄️

### THE PERFECT PARTNER FOR YOUR PRESS

The **PRESSMate** range is the latest generation of MGE's printing press ancillary products.

The range includes:

- Water dampening units
- Alcohol control
- Collection and return tanks
- Ink roller temperature control units
- Additive dosing units
- Filtration Units
- Varnish circulators
- Reverse Osmosis water treatment units



The **PRESSMate** range of printing press ancillary products is designed and built to optimise the reliability, productivity and quality of today's high speed printing presses. The **PRESSMate** range is the latest generation of MGE's ancillary products designed specifically for large sized sheet and web fed presses.

Modern printing requires new, exacting demands from fountain solution. **PRESSMate** dampening units provide reliable circulation of stable, clean and cool fountain solution with precise temperature control, all necessary for high quality printing.

**PRESSMate** circulating and dampening units include a simplified cooling system improving performance, better flow control to and from the press and a cabinet design with detachable, multiple piece panels which make the unit significantly more service friendly. With optional pH and Conductivity monitoring and anti-foam filtration bags, the result is a simpler, better solution to support all your printing needs.

To complement the **PRESSMate** dampening units, MGE offer the **PRESSMate** MX2, MX3 and MX4 additive dosing systems providing accurate and reliable chemical additive dosing and the FountXtend FX-1 filtration System proven to prolong Fount life and consistency.

# MGE

# PRESSMATE 15 & 20kW

## PRESSMATE CS1150PB and CS1200PB

PRESSMATE CS1150PB and CS1200PB dampening circulators provide refrigeration, circulation to and from the press, solution filtration and alcohol control for large sized sheet and web fed presses.

The CS1150PB and CS1200PB units provide:

- 15 & 20kW of refrigeration using a plate heat exchanger
- 250 litre working capacity solution tank
- Options for multiple press feeds and returns to match requirements
- Digital temperature display
- Autofilling of water tank
- Option to add pH and conductivity monitoring and display
- Option to add MGE alcohol control systems
- Attachments for additional dosing and filtration equipment



## TECHNICAL SPECIFICATIONS

OPTIONAL ALCOHOL CONTROL	CS1150PB	CS1200PB
Accuracy	+/- 1%	+/- 1%
Range	0 to 15%	0 to 15%
Supply	External supply	External supply
<b>FOUNT SUPPLY</b>		
Flow to press	120 l/min at 5m	120 l/min at 5m
No of press feeds	As required	
No of press returns	As required or via pump back tank	
<b>COOLING SYSTEM</b>		
Condenser unit	Air cooled	Air cooled
Rating	15kW	20kW
Ambient for rating	40°C	40°C
Heat exchanger	Plate	Plate
Max tank volume	250 litres	250 litres
<b>PHYSICAL INFORMATION</b>		
Dimensions (HxWxD) mm	1550 x 1600 x 825	1550 x 1600 x 825
Power requirements	400/440 - 50/60Hz - 30A	400/440 - 50/60Hz - 30A
Connector hose length	15m max	15m max
Height of hose run	5m max	5m max

## Pump Back Option

For larger presses, a pumpback system can be fitted instead of the venturi suction returns. Pump back systems come with either 60 or 120 litre collection tanks and are fitted with a filtration tray as standard. An optional second pump can also be installed to provide immediate backup in case of an issue with the primary pump.

- Standard voltages shown - other electrical specifications available on request.
- All feed and return press connections to customer requirements.
- All units use CFC-free refrigerant R407C.
- Standard unit colour is light grey. Special paint finishes available on request.
- MGE can offer tailored solutions to exactly match customer requirements. Contact MGE for further information.



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 products previously sold.