

# PRESSMATE 2.0 & 4.0kW

## DATA SHEET



### 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 small and medium sized sheet and web fed presses.

Modern printing requires new, exacting demands from fountain solution. **PRESSMATE** dampening units provide stable, clean and cool fountain solution, have low alcohol consumption and precise temperature control, all necessary for high quality printing. The CS420 and CS440\140PB cabinet design provides easy access with detachable, multiple piece panels which make the unit significantly more routine maintenance and service friendly. With MGE's proven alcohol control system 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 fountain life and consistency.

# MGE

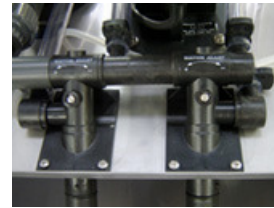
# PRESSMATE 2.0 & 4.0kW

## PRESSMate CS420 and CS440\CS140PB

**PRESSMate** CS420 and CS440\CS140PB dampening circulators provide refrigeration, circulation to and from the press, solution filtration (using MGE's anti-foam filtration bags) and alcohol control for small and medium sized presses.

The CS420 and CS440\CS140PB units provide:

- 2.0kW & 4.0kW of refrigeration using a plate heat exchanger
- 95 litre working capacity solution tank
- Multiple press venturi feeds and returns or Pumpback return option
- Digital temperature display
- In-line filter protection for suction venturi's
- Choice of alcohol system control for conventional printing
- No alcohol option for alcohol free printing
- Option to add pH and conductivity monitoring and display
- Attachments for optional dosing and filtration equipment



Choice of Venturi press returns or Pumpback return (tanks extra)

## TECHNICAL SPECIFICATIONS

ALCOHOL CONTROL	CS420	CS440	CS140 PB
Accuracy	+/- 1%	+/- 1%	Additional Option
Range	0 to 15%	0 to 15%	
Supply	External supply	External supply	
FOUNT SUPPLY			
Flow to press	6 l/min per outlet at 1.5m	6 l/min per outlet at 1.5m	30 l/min at 5m
No of press feeds	4 to 6	4 to 6	As required
No of press returns	4 to 6	4 to 6	As required or via Pumpback tank
COOLING SYSTEM			
Condenser unit	Air cooled	Air cooled	Air cooled
Rating	2.0kW	4.0kW	4.0kW
Ambient for rating	40°C	40°C	40°C
Heat exchanger	Plate	Plate	Plate
Max tank volume	95 litres	95 litres	95 litres
PHYSICAL INFORMATION			
Dimensions (HxWxD) mm	1210x790x780	1210x790x780	1210x790x780
Power requirements	400/440v 50Hz 3ph	400/440v 50Hz 3ph	400/440v 50Hz 3ph
Connector hose length	15m max	15m max	15m max
Height of hose run	2.5m max	2.5m max	5m max

## Alcohol Control \ Alcohol Free

**PRESSMate** dampening systems can be supplied with or without alcohol control. Where Alcohol is required, MGE offer a choice of 2 systems (Alcosystem or Alcomixer). These proven systems deliver simple, accurate (within +/- 1%) and consistent levels of alcohol from an external source.



- Standard voltages shown - other electrical specifications available on request.
- All feed and return press connections to customer requirements.
- All units use CFC-free refrigerant R134A.
- 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.