

PRESSMATE 6,8,10kW

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 medium 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 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 Fount life and consistency.

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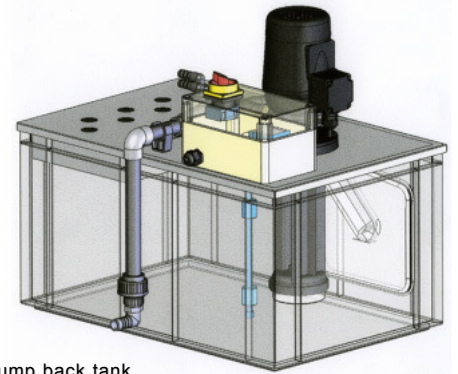
PRESSMATE 6,8,10kW

PRESSMATE CS660, CS680 and CS6100 CS160PB, CS180PB and CS1100PB (Pumpback)

PRESSMATE 6kW, 8kW and 10kW dampening circulators provide refrigeration, circulation to and from the press, solution filtration and alcohol control for medium sized sheet and web fed presses.

The CS660\CS160PB, CS680\CS180PB and CS6100\CS1100PB units provide:

- 6kW, 8kW & 10kW of refrigeration using a plate heat exchanger
- 170 litre working capacity solution tank
- Multiple press venturi feeds and returns or pumpback tank option
- Digital temperature display
- In-line filter protection for the suction venturi
- Alcosystem or alcomixer alcohol control for conventional printing
- No alcohol option for alcohol free printing
- Option to add pH and conductivity monitoring and display
- Attachments for optional dosing equipment



Pump back tank

TECHNICAL SPECIFICATIONS

ALCOHOL CONTROL	CS660 & CS680 CS160PB & CS180PB	CS6100 CS1100PB
Accuracy	+/- 1%	+/- 1%
Range	0 to 15%	0 to 15%
Supply	External supply	External supply
FOUNT SUPPLY		
Flow to press	6l/min per outlet at 1.5m (30 l/min at 5m for PB systems)	6l/min per outlet at 1.5m (30 l/min at 5m for PB systems)
No of press feeds	As required	
No of press returns	As required or via pump back tank	
COOLING SYSTEM		
Condenser unit	Air cooled	Air cooled
Rating	6kW or 8kW	10kW
Ambient for rating	40°C	40°C
Heat exchanger	Plate	Plate
Max tank volume	170 litres	170 litres
PHYSICAL INFORMATION		
Dimensions (HxWxD) mm	1260 x 1290 x 780	1260 x 1290 x 780
Power requirements	400/440 – 50/60Hz – 3ph	400/440 – 50/60Hz – 3ph
Connector hose length	15m max	15m max
Height of hose run	1.5m max (5m max for PB systems)	1.5m max (5m max for PB systems)

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 R404A.
- 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.