

# PRESSMATE 0.5 & 1.0kW

## 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 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 CS105 and CS210 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 Fount Dosing solutions, used to control the pH level of the fountain solution. The Auxiliary Tank and MX-1 dosers are available for the CS105 and CS210 if fount dosing is required.

**MGE**

# PRESSMATE 0.5 & 1.0kW

## PRESSMate CS105 and CS210

PRESSMate CS105 and CS210 dampening circulators provide refrigeration, circulation to and from the press, solution filtration and alcohol control for small sized presses.

The CS105 and CS210 units provide:

- 0.5kW & 1.0kW of refrigeration using a simplified cooling coil
- 15 & 25 litre working capacity solution tank
- Single or double press venturi feeds and returns
- Optional Digital temperature display
- In-line filter protection for the suction venturi
- Choice of alcohol system control for conventional printing
- No alcohol option for alcohol free printing
- Attachments for optional dosing equipment



Auxiliary tank for dosing

## TECHNICAL SPECIFICATIONS

| ALCOHOL CONTROL       | CS105                      | CS210                      |
|-----------------------|----------------------------|----------------------------|
| Accuracy              | +/- 1%                     | +/- 1%                     |
| Range                 | 0 to 15%                   | 0 to 15%                   |
| Supply                | 2 litre internal supply    | 2 litre internal supply    |
| FOUNT SUPPLY          |                            |                            |
| Flow to press         | 3 l/min per outlet at 1.5m | 3 l/min per outlet at 1.5m |
| No of press feeds     | 1                          | 1                          |
| No of press returns   | 1                          | 2                          |
| COOLING SYSTEM        |                            |                            |
| Condenser unit        | Air cooled                 | Air cooled                 |
| Rating                | 0.5kW                      | 1.0kW                      |
| Ambient for rating    | 40°C                       | 40°C                       |
| Heat exchanger        | Single Coil                | Single Coil                |
| Max tank volume       | 15 litres                  | 25 litres                  |
| PHYSICAL INFORMATION  |                            |                            |
| Dimensions (HxWxD) mm | 980 x 400 x 440            | 1020 x 400 x 600           |
| Power requirements    | 240v - 50Hz - 1 ph         | 240 - 50Hz - 1 ph          |
| Connector hose length | 15m max                    | 15m max                    |
| Height of hose run    | 2.5m max                   | 2.5m max                   |

## Filtration

PRESSMate dampening units are fitted with composite filter bags to clean the returned fountain solution, remove contaminants, prolong the life of the dampening solution and reduce the difficulties associated with foaming.



- 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.



ISO 9001  
FM 15051

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.

# MGE