### PRESSMATE 0.5 &1.0KW

### DATA SHEET



## THE PERFECT PARTNER FOR YOUR PRESS

The **PRESSMAL** 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





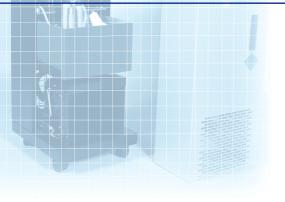
The **PRESSMate** range of printing press ancillary products is designed and built to optimise the reliability, productivity and quality of today's high speed printing presses. The **PRESSMate** range is the latest generation of MGE's ancillary products designed specifically for small and medium sized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

Modern printing requires new, exacting demands from fountain solution. **PRESSMA** 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 **PRESSMAD** 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.



# PRESSMATE 0.5 & 1.0KW



#### PRESSMate CS105 and CS210

**PRESSMAL** 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



#### 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 INFORMATIO	N	
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**

with composite filter bags to clean the returned fountain solution, remove contaminates, 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.



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