

## Introduction

Welcome to the 19<sup>th</sup> issue of our newsletter. It is used to send **MACHINEMATE**<sup>®</sup> CNC product and information updates to our customers.

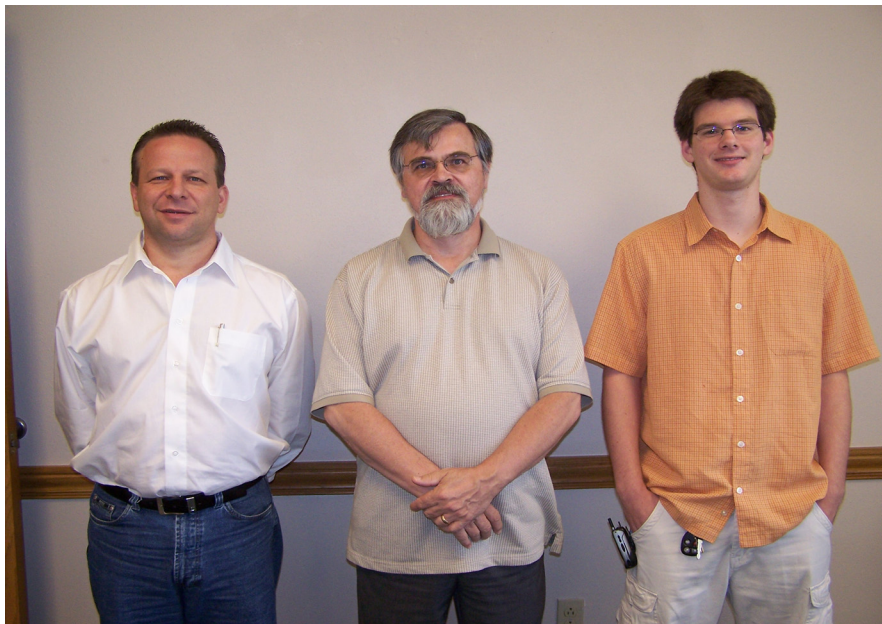
## Press Release - New Employees

In May 2007, Gary Kelley and Ben Hiebing joined the **MACHINEMATE**, INC. team.

Gary is a resident of Gregory, Michigan with BS and MS Degrees in Electrical Engineering, Mathematics and Computer & Information Science. He also has extensive Machine Tool and CNC experience which include the two big CNCs and previous PC Based CNCs as well. His experience includes 23 years at Saginaw Machine Systems and seven additional years at Systems Integration firms and CNC control companies.

Ben Hiebing is a recent graduate with a Networking and Computer Associate Degree from Lake Shore Technical College. When you call please welcome Gary and Ben to the team!

In July, 2007 **MACHINEMATE**, INC. announced hiring Hans Platt as Vice President of Sales for **MACHINEMATE**, INC. Additional details can be found in the Press Release on our website. Hans comes to **MACHINEMATE**, INC. with five years of Machine Tool CNC experience with Fidia and five years of PC Based CNC experience with MDSI.



Hans has done applications, service and sales for CNC controls and machines. As a **MACHINEMATE**<sup>®</sup> trained Systems Integrator Hans has operated his own very successful Systems Integration business in Houston, Texas and in Mexico before joining the **MACHINEMATE**, INC. team. Hans speaks English, German, and Spanish. Please welcome Hans when you call.

**From the left: Hans, Gary, and Ben**

## FABTECH November 2007 – Booth #34059

November 11 – 14, 2007 the MACHINEMATE CNC will be on display in several OEM booths at the Fabtech International & AWS Welding Show held at McCormick Place in Chicago, Illinois. In addition we will have our own booth #34059. Please plan on visiting us! Show updates will be announced in the next MACHINEMATE newsletter.



## MACHINEMATE Cutting Solution

MACHINEMATE CNCs continue to be recognized as the CNC of choice for cutting machine OEMs. Most of the current cutting CNCs are 2X CNCs without the expansion ability that the cutting market is demanding today. Since we have the required expansion features and the economical price MACHINEMATE is ideal for this new market sector.

The MACHINEMATE cutting solution expands the axes capability and features for cutting technology machines. Offered for this high growth sector of the market is embedded cutting software which includes contour nesting and operator friendly interface features.

## Training Class Completed July 13, 2007

MACHINEMATE, INC. held another in-house training class July 9 - 13, 2007. This class was unique in that we were honored to have our French associate, Jacques Meyer of PA France, teach the class. Since the majority of the students were OEMs engaged in waterjet cutting applications, Jacques could easily relate to their requirements. Jacques has been involved with our CNC technology for 17 years and has been responsible for very successfully selling and supporting large cutting machine manufacturers in France.

Our class agenda and training schedule are on our website and include more details on future classes.

## New Operator Front Panel – M568

MACHINEMATE, INC. recently introduced a new front panel variation. Panel part number M568 is pictured on the next page. The panel comes with a 15" TFT Touch color display, a Manual Pulse Generator, and a Machine Tool Builders Panel with 12 configurable push buttons all mounted on a 21-3/4" wide by 15-13/16" high panel. The panel has four pre-drilled holes covered by the front panel overlay. These holes can be

easily revealed to mount additional devices such as the M164 USB Port with cable to the CNC computer.

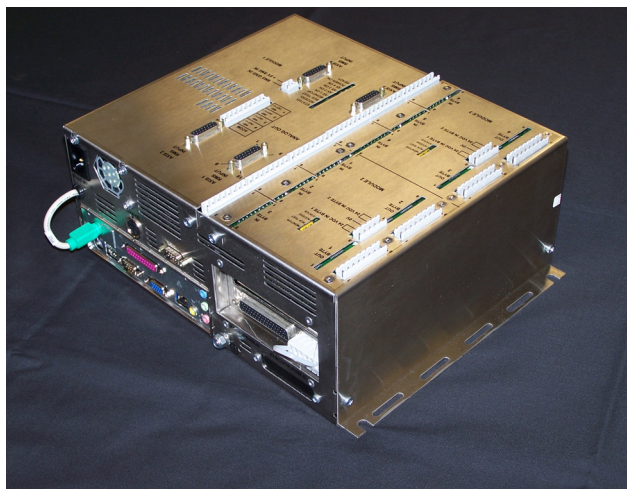


The M568 panel was developed to meet requests from Systems Integrators for a complete, horizontally oriented panel like the M278 panel which is vertically oriented. Also requested by our Systems Integrators are additional mounting holes in the center top and bottom for a tighter seal. Several other panel designs are currently in mind for the future and we are interested in your needs for operator interface devices.

**M568 New Complete Operators Panel**

## Added LW CNC Assembly Site in North America

To help support the high volume of the LW CNC controls MACHINEMATE, INC. has added a new North American assembly site resulting in multiple assembly locations. The LW CNCs assembled at the new North American facility will be installed, tested and burned in with Windows XP.



These LW CNC boxes have three RS232 ports and a brushed stainless steel enclosure. The enclosure has been improved to allow for cover removal without removing the CNC box from the panel. As the capacity increases at this assembly facility most LWs will be from this location. The CNC box is identical except for the above-mentioned aspects. The new North American version is pictured at the left.

**North American LW CNC assembly version**

## Joint Venture in China Effective April 20, 2007

MACHINEMATE's parent company Power Automation and Han's Laser of China have formed a joint venture company named Han's PA Automation Technology Co, Ltd. in Shenzhen, China. Han's Laser is the largest laser machining equipment manufacturer in Asia. Han's PA has purchased manufacturing rights and will provide manufacturing, sales, marketing and service support for MACHINEMATE and Power Automation products in China. This is an important step in offering multiple manufacturing and support sites for the same technology in the world market. For full details of the Press Release on the Joint Venture please visit our website [www.machinemate.com](http://www.machinemate.com).

## Forum/Blog To Be Added To Website

Recently we set up a three-way telephone conversation between two MACHINEMATE Systems Integrators who were doing retrofits on the same model G&L VTC. This proved to be very helpful for all involved. Along with our Systems Integrators, we discovered that the ability to share information within our integrator network on unique ways of doing tool changers, turrets, etc, is a very desirable feature. We are planning to add a Forum or Blog to our website and are open to suggestions for getting this done quickly and effectively. This will be a useful tool for our Systems Integrators which will allow them to share their integration experiences.

## Conclusion

Information about our products and applications can be found on our website, [www.machinemate.com](http://www.machinemate.com). A number of MACHINEMATE control retrofits are also listed. In addition, a link can be provided to our customers for the complete MACHINEMATE Manual Set. Please check the website periodically for news updates.

If you received a printed issue of this newsletter and would prefer to receive an electronic copy, please let us know. If you do not wish to receive this newsletter, please call us or respond via e-mail with 'unsubscribe' in the subject line. We can be reached by phone at 920-907-0001 or e-mail at [info@machinemate.com](mailto:info@machinemate.com).

Thank you,

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## Vintage Compatibility

### Allen-Bradley 7300 Compatibility

Customers with machines having X, V, and W axes can run old programs (G2/G3 IJK is uncommon format) with no edits.

### Allen-Bradley 9-Series Compatibility

Customers can run old programs (no decimal point format) with no edits.

**MACHINEMATE** completed development of cylindrical grinding cycles (G81-G88) that use syntax similar to that in the 9-series to perform the same grinding operations.

### Bendix 5 Compatibility

Customers can run old programs (no decimal point format, machine's Z axis had opposite polarity from convention) with no edits.

### Fanuc Compatibility

Customers with Renishaw probes run Renishaw probe cycles written for a Fanuc (sophisticated macro programming). Some customers run old Fanuc programs with several unusual syntax combinations that are detected/converted to run with no edits.

### Pratt & Whitney Teammate Compatibility

Customers can run old programs (an external file defines the machine size – different old programs come from different P&W machines) with no edits.

### Part Program Conversions - NC Part Program Conversion Utility

The following controls have more complete coverage of NC syntax in response to specific customers or integrators.		The following controls have less complete coverage due to no specific requirements defined from customers or integrators. The basic syntax for these controls is recognized and the utility may have been used for any of them in this form.	
Allen-Bradley 7300	Acramatic	Allen-Bradley 8200	
Allen-Bradley 8400	Anilam	Boss	
Allen-Bradley 9-series	Dynapath series 5	Fadal	
AMCB	Fagor	GE 1050	
Bendix 5	Giddings & Lewis 8000	Haas	
Cincinnati Lamb 850SX	Hurco	Mazak	
Cincinnati Lamb CT	Meldas	Prototrak	
Fanuc	Yasnac		
Pratt & Whitney Teammate			
Siemens 7			
Siemens 820			