

## **Hydromat Presetter: Improved Features For Greater Functionality**

ST. LOUIS, MO – The NEW Hydromat Presetter with the Quick-Set Vision System is an affordable, high-performance, upgradeable productivity tool. It is a perfect match for Hydromat precision transfer machines, machining centers, horizontal boring machines, and milling and turning machines.

This versatile presetter reduces tool-change times and production costs, while ensuring quality control by measuring, setting and verifying all tools before placement in an application. The measuring range of the Hydromat Presetter is: length Z axis – 248mm, radius X axis – 248mm, swivel diameter – 238mm.

Key features of the presetter include single-hand operation for linear axis movement, a 20X magnification camera system with in-screen measurement optics, and a tool holding fixture with a power-operated clamping function, spindle brake and 4X90° indexing capability, with concentricity of 0.002mm or 0.00008”.

The NEW Hydromat Presetter touts a 12” industrial flat screen color monitor with 35X magnification and display accuracy of 0.005mm and measuring accuracy of +/- 0.01mm. The unit also features a rugged membrane keyboard for power-operating the clamping functions, including tool clamping, separate linear axis clamping for X and Z directions, spindle brake and indexing.

The Hydromat Presetter unit is also designed with a center height camera, which allows the operator to inspect and test the center height of a tool. In addition, 3<sup>rd</sup> axis inspection

## **Hydromat Presetter: Improved Features For Greater Functionality — p.2**

and measuring of tools can be accomplished using the center height camera.

The Quick-Set Vision System, with presetter control software, offers automatic cutting edge detection with tool angle and tool radius measurements, and is displayed along with the tools position.

Hydromat Inc. is the industry leader in the manufacture and assembly of precision transfer machines – Rotary, Inline, and Trunnion models, as well as the revolutionary HT HydroTurn Series, the unique Advanced Technology (AT) machine and the new EPIC R/T family of machines – and has a reputation built on a commitment to product quality, customer service and technological innovation.

For more information, contact Hydromat, Inc., 11600 Adie Road, St. Louis, MO.  
Tel: 314.432.4644 Fax: 314.432.7552 Web: [www.hydromat.com](http://www.hydromat.com)