



## **Hydromat's EPIC R/T Product Line – The Next Generation Of Precision Transfer Machining Solutions.**

ST. LOUIS, MO – Always the innovator, Hydromat Inc. has once again pushed the edge of the rotary transfer machining envelope by introducing the new EPIC R/T product line. The EPIC R/T possesses all of the general characteristics of the more conventional Hydromat machines and maintains the integrity, reliability and flexibility of its predecessors. What sets this product line apart is the new technology coined EMC Technology.

The acronym EMC stands for ***Embedded Motion Control***. This new technology was developed by a team of electrical engineers at Hydromat's Corporate Campus in St. Louis. It features special plug & play programmable valves that are integrated or embedded into each toolspindle unit, thus virtually eliminating the use of conventional valves and more complex CNC control components.

What makes the EPIC R/T product line and EMC technology so significant is that it is a line of full CNC-controlled rotary transfer machines with a price tag comparable to the current non-CNC Hydromat machines.

This competitive pricing is a result of two important strategic initiatives by Hydromat Inc. First, Hydromat has taken advantage of leading edge technology to simplify CNC hardware

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components in order to reduce the overall cost of CNC technology on the EPIC R/T product line. Second, Hydromat has modified the basic machine casting concept traditionally used on its rotary transfer machines and has eliminated components originally needed to support non-CNC or partial



CNC Hydromat machines. As a result, the EPIC R/T is an enhanced, full CNC product line that will be marketed and sold on a virtual cost neutral basis compared to non-CNC equipment, and approximately 25% less than the current CNC Hydromat machines that do not have EMC Technology. So now Hydromat can offer the productivity of rotary transfer machining, combined with all the flexibility of full CNC technology with little or no price premium.

Significant advantages and features of EPIC R/T machines:

- Outstanding value – full CNC programmability
- Quick, easy changeovers – typically 1-3 hours
- Competitive manufacturing at small, medium and large production quantities
- Easy, centralized programming
- EMC Technology – simplifies components and wiring, reducing potential failures and troubleshooting
- Integrated modem connections provide fast problem solving

Because of the casting modifications and various component integration differences, the new EPIC R/T line will be a unique Hydromat product. It will therefore not be economically practical to adapt or retrofit EPIC R/T type EMC Technology to older Hydromat machines.

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It is Hydromat's objective, as exemplified by development of the EPIC R/T product line, to continue to develop machining solutions that offer our customers additional value and provide better competitiveness, even against offshore manufacturing processes.



Bruno Schmitter, President and CEO at Hydromat Inc., had this to say about the new EPIC R/T. “This is a huge breakthrough. I’m particularly proud of our design group, project engineers, machine technicians...everyone who worked on this project, for their diligence and cooperative effort to bring this concept to reality.” Schmitter went on to say, “This new technology will surely open new doors for Hydromat and our customers.”

Hydromat Inc. is the industry leader in the manufacture and assembly of precision transfer machines – Rotary, Inline, Trunnion and Advanced Technology (AT) Machines – and has a reputation built on a commitment to product quality, customer service and technological innovation.

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For more information, contact Hydromat, Inc., 11600 Adie Road, St. Louis, MO.  
Tel: 314-432-4644. Fax: 314-432-7552. WebSite: <http://www.hydromat.com>.



*Caption:* The EPIC R/T possesses all of the general characteristics of the more conventional Hydromat machines and maintains the integrity, reliability and flexibility of its predecessors. New EMC Technology (Embedded Motion Control) features special plug & play programmable CNC control components integrated into each toolspindle unit.