

At IMTS 2008 Hydromat Will Unveil The:

# ICON 6-250

## A True Innovation In Precision Metalcutting



*"If you attend IMTS to see  
new technologies...  
you simply must see this!"*

**Bruno Schmitter**  
President/CEO  
Hydromat, Inc.



The unique design of the ICON 6-250 combines flexible machining center principles with Hydromat's rotary transfer production philosophy while incorporating engineering excellence with the finest materials and components. The results; a machining center of robust construction and extreme accuracy for production runs with rapid cycle times.

The ICON's part sizes range from a 2" cube to an 8" cube and features up to eight tools in the cut at once with 8 machining units; four horizontal and four vertical units on a fully equipped ICON. These four cutting stations produce 5-sided machining with 4-axis interpolation. Each machining unit is equipped with it's own 10-tool changer equipped for specific applications. A Fanuc CNC controller has been incorporated as standard equipment on all ICON 6-250 machining centers.

A six-position pallet changing table quickly transports the 300mm work holding pallets to the index drives at each cutting position, or to two other stations. The ICON's loading station is designed for manual or robotic production configurations, and an idle station has been incorporated for re-clamping or gauging processes. Engineered for maximum output in a small footprint, all of these features are enveloped by a heavy-duty self-supporting machine base and frame weldment that is extremely rigid and requires no special foundation.

Productivity has always been at the core of Hydromat's philosophy. The ICON's machining features combined with it's flexibility create a highly innovative solution to produce parts complete, with fast cycle times and a superior surface finish.

Visit us at IMTS to get your first look at the ICON 6-250...you won't regret it.

**ICON+TECHNOLOGIES**  
ADVANCED MACHINING SOLUTIONS  
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*The Hydromat Team Thinks In Seconds!*

