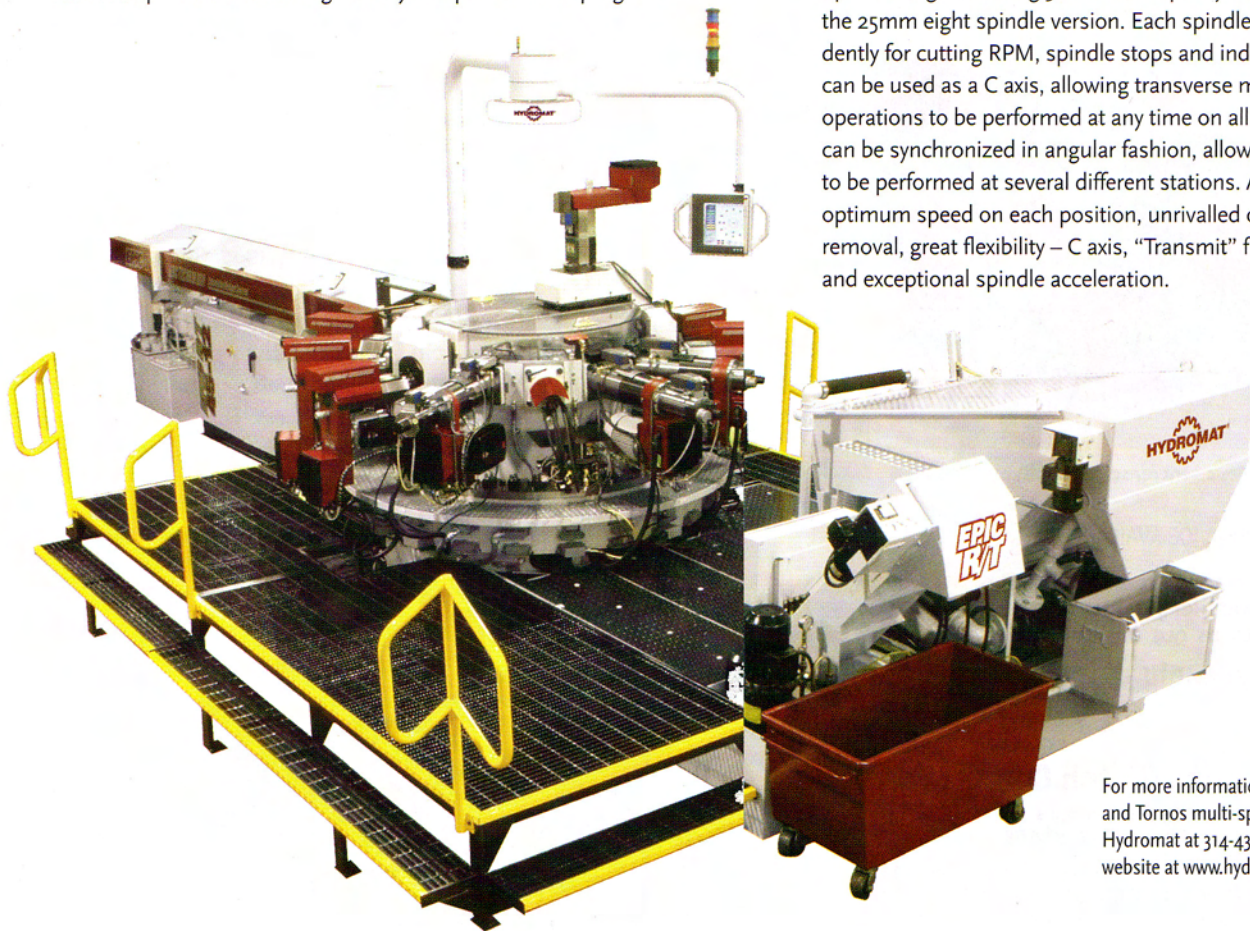


Hydromat

The Hydromat rotary transfer machines feature a modular system consisting of up to 16 horizontal and 8 vertical toolspindle units, rigidly mounted around a precision cast iron ring. The precision ground Hirth ring assures table accuracy and reliability from station-to-station to within .0002." Non-rotating bar stock ensures quiet, vibration free cutting operations. The EPIC R/T EMC Technology is featured on their latest machines. The EPIC R/T technology includes EMC, or Embedded Motion Control, which features special plug & play control architecture embedded into each toolspindle unit allowing for fully independent and program-

mable functionality for each axis motion. EPIC R/T machines offer full CNC programmability, quick and easy changeovers – typically 1-3 hours, competitive manufacturing of small, medium and large production quantities, easy centralized programming and integrated modern connections for fast problem solving.

Tornos multi-spindle by Hydromat represents a full line including; The MultiDECO 6 and 8 spindle, 20mm and 32mm bar-fed and 50mm chucker machines and the SAS 16.6 cam-operated lathe. The latest additions are two MultiAlpha units, a "ground-up" re-design featuring 32mm bar capacity with six spindles or the 25mm eight spindle version. Each spindle functions independently for cutting RPM, spindle stops and indexing. Each position can be used as a C axis, allowing transverse milling or drilling operations to be performed at any time on all spindles. Spindles can be synchronized in angular fashion, allowing eccentric drilling to be performed at several different stations. Advantages include: optimum speed on each position, unrivalled capacity for stock removal, great flexibility – C axis, "Transmit" function, stopping and exceptional spindle acceleration.



For more information on both Hydromat and Tornos multi-spindles, please contact Hydromat at 314-432-4644 or visit the company website at www.hydromat.com.