product focus

THE FOLLOWING ARE COMPANIES WHO HAVE "FED" US INFORMATION ON THEIR BAR FEEDERS:

Each month, *Today's Machining World* works to help you understand how the precision parts marketplace works, what's available in the industry, and how you can use available resources, as well as knowledge, to run a more efficient and effective shop. In every issue, we'll feature a product category and focus on equipment key to remaining competitive in our marketplace.

Bar Feeding systems simply involve feeding material into the machine, but its impact on a company's total production is enormous. Kevin Meehan, general manager of Edge Technologies, sums it up: "Bar feeders, both short loaders and 12 feet magazine systems, are an affordable and easily deployed tool of automation that effectively increase productivity and unbridle skilled labor for higher value added tasks. By automatically loading and advancing bar stock in a CNC lathe, manufacturers can produce more parts per shift and run their equipment unmanned or semi-unmanned, thus taking precious labor cost out of their products."

Edge Technologies

Edge Technologies,a Division of Hydromat, Inc. presents the newly designed FMB Turbo 3-36, as well as the Turbo 3-26. Both are space saving double-pusher designs featuring GE Fanuc SPS controls and Swiss-type synchronization devices. Hydrodynamic quick-change guide channels allow for quiet operation at high RPM.

The FMB Turbo 3-26 and Turbo 3-36 are automatic Bar Loading Magazine Feeders designed for feeding round, square and hexagonal bar material into CNC lathes. Quick change polyurethane guide channels allow for quiet operation at high RPM. These feeders are compatible with all types of sliding or fixed, CNC or cam operated lathes with spindle bores up to 36mm. Double-pusher space-saving design is 4 feet shorter than single pusher bar feeders.

Edge Technologies also offers The Minuteman, which features a 3-20mm diameter capacity. The Minuteman is equipped with hydrodynamic, quick-change, polyurethane guide channels. The channel is flooded with oil to create a hydrodynamic effect resulting in higher RPM with reduced noise and vibration. Steel ribbing added to the Minuteman's polyurethane guide channels increases strength and stability. Dual anti-vibration devices stabilize the bar stock at two critical points between the guide channel and lathe spindle. The synchronization device for Swiss style lathes employs an electro-magnetic coupling, mechanically linking the lathes headstock's z-axis travel to the bar feeder's pusher.

For more information, please contact Edge Technologies - A Division of Hydromat, Inc. at 314-692-8388 or visit the company website at www.edgetechnologies.com.