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Edge Technologies Introduces New Economically Priced Scout 320 Magazine Bar Feeder

ST. LOUIS, MO – The Scout 320 is the newest and most economically priced Edge brand magazine bar feeder for feeding round, square and hexagonal bar stock in a diameter range of 3-20mm and lengths up to 12' into CNC lathes. It features robust construction with heavy gauge structural steel that ensures rigidity and long term durability. A two-pusher system drastically reduces the overall length of the unit by as much as 4 feet. A short pusher pre-feeds the bar then retracts, then a second full-length pusher lowers into position to continue the feeding process. The Scout 320's double pusher system is propelled by a toothed belt for accuracy, as well as smooth quiet running.

As a standard feature on the Scout 320, 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 to ensure synchronous movement and no loss of connection between the bar stock and pusher collet.

Dual anti-vibration devices stabilize the bar stock at two critical points between the guide channel and lathe spindle maximizing RPM potential. Its adjustable roller design provides superior support and easy set-up of all bar diameters without the cost of multiple bearing blocks.

The Scout features a 3-20 mm bar diameter capacity with hydrodynamic quick-change polyurethane guide channels. An extruded aluminum case surrounds the Scout's polyurethane guide channels, increasing strength and stability. The channel is flooded with oil to create a hydrodynamic effect to support the rotating bar resulting in the ability to run at higher RPM with reduced noise and vibration. The top guide channel is profiled for all bar stock sizes. The "U" shaped

bottom guide channel sections slide easily out of their base. To make the change for a new channel size, a new section is inserted, a screw is tightened and the Scout is ready to run a new bar stock diameter.

The Scout 320 features the convenience of an easy-to-use remote control pendant with a Mitsubishi control and servo drive that provides the Scout's motion control and functionality. Functions include: manual and automatic operation, manual load/unload of bar stock for set-up and/or change over, movement of bar pusher, and the emergency stop. The control is easy to program, yet flexible enough for all applications. Parameters are set through simple F functions. Alarms are well defined and displayed on the operator control panel; panel swings out for ease of use.

At their national technical center headquartered in St. Louis, Missouri, Edge Technologies not only stocks bar feeders, but provides full-service technical support, service in the field, and order desk capabilities for their stock of parts and accessories. Installations and training round out Edge Technologies' offerings.

Edge Technologies has extensive experience and a history of success and innovation demonstrated by 25 years providing bar feeder and lathe automation solutions, including over 10,000 successful installations of magazine bar feeders in the North American marketplace.

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Edge Technologies' Scout 320, is their most economically priced 12' magazine bar feeder. The Scout features a 3-20mm diameter capacity, quick-change polyurethane guide channels, hand-held pendant and a Swiss synchronization device.