

Multi-Spindle Rotary Indexers



Hardinge Inc. manufactures single-axis and dual-axis multi-spindle rotary indexers in Elmira, New York. Positioning and machining up to four parts at a time will add efficiency to your machining process by spending more time with the doors closed and the spindle running. The evolution of their 5C indexer began in 1890 with the manufacture of 5C collets. In 1940 Hardinge introduced the 5C threaded-nose spindle and later the 5C dividing head used to index parts. By the 1960's they manufactured the manual 5C indexer using their threaded-nose spindle and collet closure design. This mechanical design was the benchmark for many 5C indexers produced today, including their own multi-spindle rotary indexers.

Anyone looking to improve small part productivity can take advantage of the many benefits of part positioning and multiple-part processing using a Hardinge rotary indexer. All parts can be machined efficiently with the same tool before going to the next tool. On-center milling, drilling, boring, tapping and reaming applications can be performed on multiple planes of the part. Using a dual-axis rotary indexer gives you the added benefit of machining at multiple angles on the workpiece.

A Hardinge multi-spindle rotary indexer will increase overall production by producing more parts per hour, thus lowering the cost-per-part, while providing a competitive advantage. The unit has a quick ROI with all of these time-saving advantages.

- Optimized spindle utilization
- Reduced start up – open door, remove/place part, hit cycle start, close door for every 2, 3 or 4 parts instead of just 1
- Reduce X- and Z-axis tool movements, drastically decreasing cycle time
- Free up the operator to run other machines or perform other tasks
- Eliminate the need for additional operations

Hardinge Inc.

800-843-8801; www.shophardinge.com [1]

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