

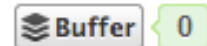
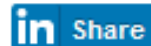
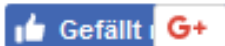
# How Automated Tool Management Increases Shop Productivity

In high speed, tight tolerance machining operations, eliminating the potential for human error can be a competitive advantage in an increasingly rigid marketplace.



By **Matt Brothers**

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A six-axis articulated arm robot can load shafted tools onto multiple CNC-controlled measuring devices with automatic power clamping, reliably performing the tasks of several employees in a safe, lights-out manner that significantly reduces the potential for human error and eliminates capacity constraints that would decrease production throughput.