

UNISON CORPORATION

NEWS RELEASE

The New Unison Corporation

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FOR IMMEDIATE RELEASE:

Ferndale, Michigan March 5, 2014 – Unison Corporation

The following article was published in the March issue of Production Machining Magazine:



CNC Micro Tool Grinder Produces Custom Micro Tools

Unison Corporation's seven-axis Model 2850MT CNC micro tool grinder is designed to produce ultra-precise custom micro tools, which are commonly used in the manufacture of critical aerospace, microfluidic, medical, dental and semiconductor components. This machine is equipped with Yaskawa AC servomotors and drive amplifiers which are backed by a 5-year manufacturer's warranty as well as an automatic pick-n-place parts loader/unloader for 24/7 lights-out manufacturing. The Model 2850MT can also be equipped with an on-board electric wheel dressing system and a precise probe assembly to guarantee repeatability of parts.

The Model 2850MT can manufacture drills, endmills and reamers as small as 0.013" and burrs in sizes starting at 0.02" in diameter. Unison's Version 7 software allows the machine's operator to quickly customize and/or modify tool geometry with the company's user friendly application software and then verifies it with a real-time 3D parts predictor. Each machine is supplied with a complete software package and library of tool programs.

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