



star
in action...

Davromatic Precision, Rugby

In-process gauging for real-time quality control



Turned parts subcontractor, Davromatic Precision, has achieved what it believes to be a world first by developing a measuring system for real-time, in-process quality control of components as they are mill-turned on its multi-axis CNC sliding-headstock lathes, of which there are five at the firm's Rugby facility, all supplied by Star Micronics GB.

Said Davromatic's managing director, Martin Ollis, "Being able to carry out 100 per cent inspection of critical dimensions, without handling the parts again, has given us the ability to offer customers a level of service and price that our competition is unable to match."

The initiative has paid dividends for Davromatic, which has been able to invest heavily in new plant. Its latest

Star lathe, model SB-16D, was installed in April 2007 and the three machines before that, all Star SR-20RIs with extensive driven tool and rear-working capabilities, were purchased within an 18-month period.

Davromatic specialises in defence work and also serves the automotive, aerospace and medical sectors.

It often wins contracts to supply high-precision components produced from tough or difficult-to-machine materials. This type of work tends to be problematic for sliding-head lathes, which are often of relatively lightweight construction.

Mr Ollis regards Star machines as the most robust on the market and best suited to machining tool steels, stainless steels and nickel alloys.

the name in sliding-headstock technology

"On average, Star lathes are 25 per cent heavier than other sliders on the market"

**Martin Ollis
Managing Director
Davromatic Precision**