



fives cinetic

Cranfield Precision UK



Cranfield Precision
CNC 6400 CONTROL SYSTEM
Precise Multi Axis Synchronisation

→ CNC Control System



Cranfield Precision has developed a control system ideal for applications involving the precise synchronisation of the motion of machine tool axes.

The product has evolved over a number of years with each major revision providing a step change in performance.

- ▶ PC hardware platform running Windows NT/2k/XP with VentureCom RTX
- ▶ Industry standard SERCOS drive control
- ▶ Profibus-DP or Interbus I/O
- ▶ Any combination of linear or rotary axes
- ▶ Multiple interpolators acquiring different axis combinations on demand.
- ▶ Up to 31 synchronised axes
- ▶ Advanced DSP control option
- ▶ GUI with touch screen support
- ▶ Linear, circular and polynomial control
- ▶ RS274 G & M code interpreter
- ▶ High level, structured programming
- ▶ OPC data access with alarms and events



CNC6400 on Landis Lt1 Cam Grinder



Multi-Axis Synchronous Real Time Control

