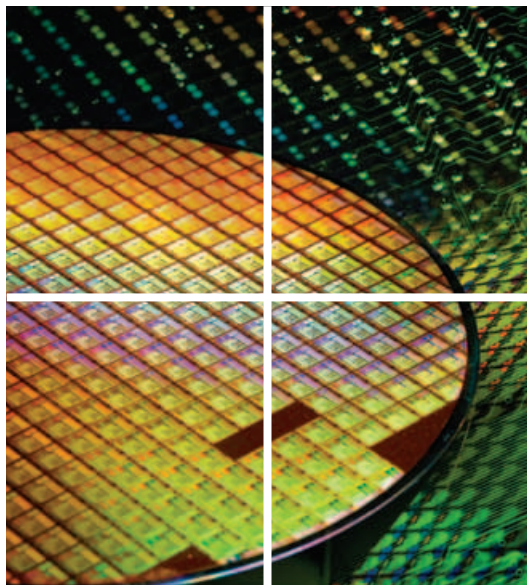


LOADPOINT'S INTEGRATED MACHINE CONTROL SYSTEM
THE ULTIMATE IN PRODUCTIVITY AND EASE OF USE
EXPERIENCE FULL CONTROL OF YOUR DICING PROCESS



nanocontrol



The user friendly **nanocontrol** system is a common control platform used across the range of Loadpoint cutting machines.

Large screen display for easy work alignment and inspection.

Rapid program generation even for complex cut patterns.

Windows XP operating system with password controlled access levels.

Remote diagnosis capability from Loadpoint Global Service Centre to keep production at a maximum.

Production rated interface designed for ease of use.

NANOCONTROL

The user friendly **NanoControl** system is a common control platform used across the range of Loadpoint cutting machines.

The camera image is displayed full screen on the machine's integral LCD monitor. Spindle current, blade wear, chuck vacuum and continuous displays of the exact coordinates for all four axes are superimposed around it, along with cross hair graticule lines with adjustable spacing, style and colour.

NanoControl can be used to carry out automatic quality control checks on processed components using the optional KerfCheck software. KerfCheck measures the width of cut, size and area of chipping, and can identify and correct any alignment offset errors. The machine can halt if any results fall outside chosen parameters, alerting the operator to process issues.

Alignment

- Automatic and manual alignment modes:
- Pattern Recognition System (PRS), and 2 point alignment with programmable off-set for off-cut alignment
- Camera will autofocus to the surface of the component, or alternative depths using the programmable offset
- Internal through lens LED illumination (coaxial) and external high intensity LED powered fibre ring illumination (incidental)

Diagnostics

- 12 month rolling log of machine actions provides step-by-step information for process traceability, analysis and diagnostics
- Programmes and logs can be stored on the machine hard drive and on USB flash memory
- Modem link enabling remote access to the machine (requires user connection to land line)

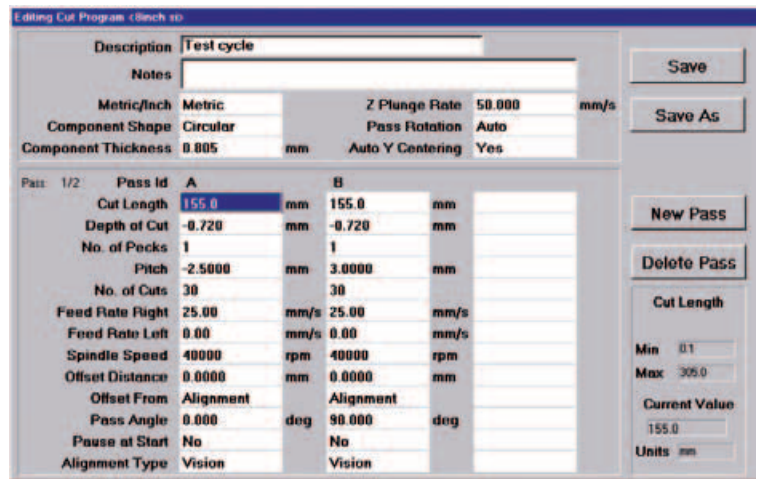
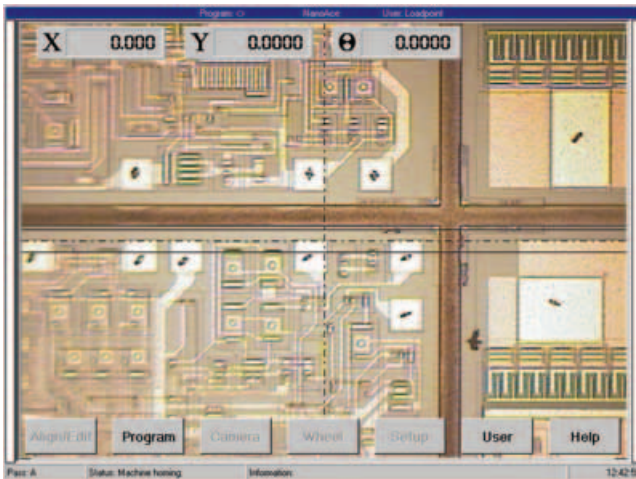
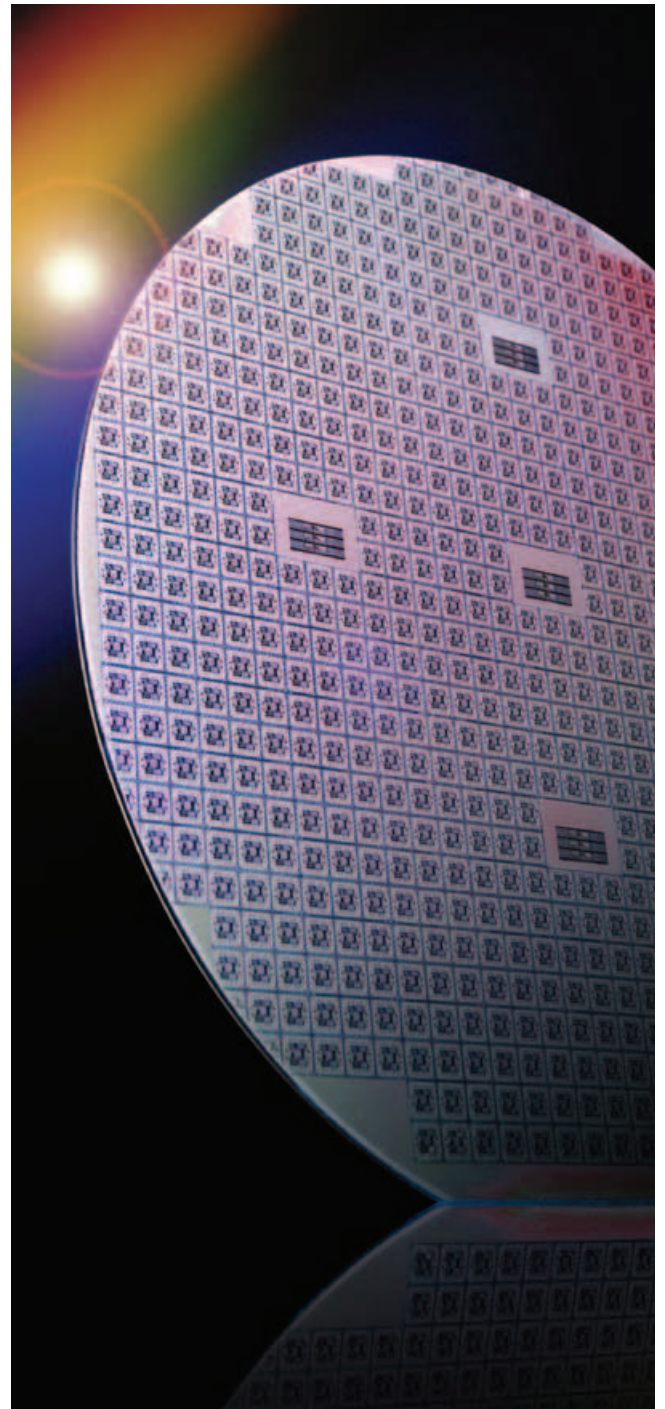
Loadpoint Dicing Systems

All Loadpoint dicing platforms are now based on NanoControl, providing a unified base across the range.

MicroAce 150mm diameter capacity

NanoAce 300mm diameter capacity

MacroAce 50mm component thickness capacity



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