



1968

2008

HURCO®

Technology is your path to

NEW
profitability
WinMax® Control Software
takes machining to the next level.

Verification Graphics with
Solid 3D Rendering

Swept Surface

Tool & Material Library

NC / Conversational
Merge

Tool Center Point Management

HURCO®

Our control sets us apart

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WinMax

Relevant technology to increase your productivity.



- DXF Transfer
- Advanced Verification Graphics
- Rigid Tapping
- Swept Surface
- SelectSurface Finish Quality



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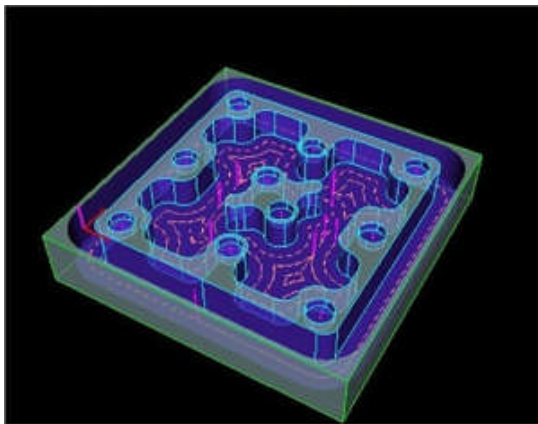
Enhanced DXF Transfer

- A great feature made even better.
 - Create program data blocks directly from the CAD file
 - More editing capabilities than ever before
 - Ability to select individual hole diameters



WinMax

Advanced Verification Graphics



- 3D Solid Rendering with dynamic rotation.
- Dynamic view manipulation with Rotate, Zoom, and Pan.
- Adjust simulation speed
- Single-step and Next Tool Change



WinMax

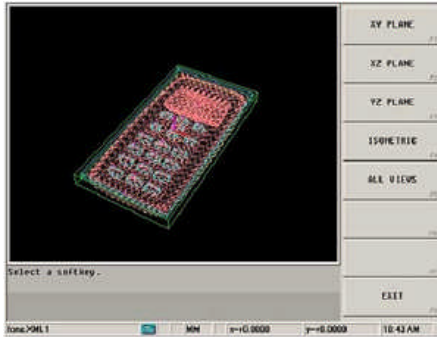
Rigid Tapping

- Significantly reduces the stress of performing tapping operations because you enter a peck depth in all rigid tapping operations.
- When peck tapping, the tap retracts after each peck level allowing the chips to be removed and coolant to flow into the hole.
- This precision operation eliminates the need to purchase floating tap holders, and it can reduce tooling costs and scrap rates caused by broken taps.

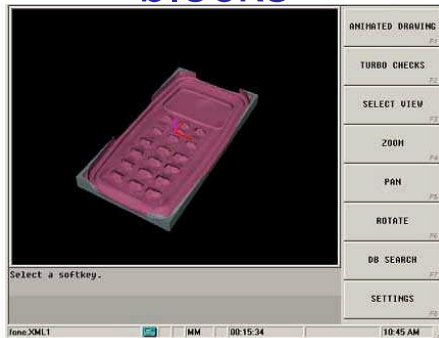
WinMax

Swept Surface

- Simplifies programming of 3D contours.
- Reduces programming time by as much as 80 percent!
- Design contours as pockets or islands with draft angles.



Old: 26 data
blocks



New with Swept
Surface: 5 data blocks

See the VMX24 or VM10U demo



WinMax

5-axis software features

- Tool Center Point Management **VTXU, VMX42SR, VMX60SR**
 - Eliminates redundant part zero setups
 - Significantly decreases setup time
- Transform Part Zero: Locate just one part zero **VM10U**
- Tool Vector Input **VMX42SR, VMX60SR**
- Tool Path Linearization: Smooth surface finish. **VMX30U**
- Shorter Angular Traverse **VMX42SR**

NEW

WinMax Probing



- Full Renishaw probing macro support.
- Extended G-code provides more flexibility to use probing in NC mode.
- Independent part probing option eliminates need for tool probe.
- Probe all NC and conversational work offsets.

NEW

WinMax



Tool Change Optimization

- View optimized sequence of operations prior to program execution.
- Minimize tool changes with automatic sequencing.

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Absolute Tool Length

- Eliminates the need to re-measure tools.
- Improves tool and part probing.

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