

# CINCINNATI MACHINES

# V5A

## 5 Axis CNC TOOL and CUTTER GRINDER



**Cincinnati Machines New V5A** 5 Axis CNC Cutter Grinder is truly a revolutionary grinding system that will solve your cutter grinding problems.

Now for the first time, **built-in 5 Axis Conversational Programming** automatically grinds your straight, ball, radius, tapered, and tapered ball endmill cutters. Just imagine, easy menu driven 5 axis Cutter Grinding Programs, right at your fingertips. **3-Dimensional Model Simulation** is also included.

Drill, 2-step Drill, Reamer, and EndMill Roughing Software Menus are also available as an additional cost option.

V5A's state-of-the-art 5 axis software is the heart of this system. But the very rigid accurate machine is also very important to the overall system. V5A includes massive rigid meehanite castings, Heavy-Duty Linear GuideWays, Precision Ball Screws, Precision Workhead Spindle, heavy-duty 6000 rpm grinding spindle with frequency inverter drive and ISO-9002 Quality Standards.

### Brief Machine Specification

Max. Tool Length	10"
Max. Chucking Dia.	10"
Max. Tool Dia.	10"
Grinding Spindle Speed	100~6000 rpm
Grinding Spindle Motor	3/5hp
Workhead Taper	40/50
X Axis travel	8"
Y Axis travel	4.3"
Z Axis travel	5.5"
C Axis range	360°
A Axis range	-10°~180°
Dimension of machine	363" x 1309"
Machine Height	160"
Machine weight lbs	7700