

**MANUFACTURING - CUTTING****CNC MILL**

MULTI-AXIS



CUSTOMIZABLE



LONG LIFE

DIRTY
ENVIRONMENT***Bishop-Wisecarver® Products Defeat Debris in CNC Machines***

ShopBot CNC equipment helps individual makers and manufacturing shops fabricate their ideas. Their ShopBot Buddy® router typically handles milling, drilling, and cutting operations and the resulting debris. It can come fully assembled or may be put together on-site by a ShopBot technician.

CHALLENGE

Whether cutting wood, metal, fiberglass, or other material, CNC routers must tolerate the resulting dust and debris to get the job done. Both ShopBot and their customers need axes that exhibit smooth motion without binding.

SOLUTION

The X- and Y-axes use DualVee® wheels running on hardened vee tracks built into custom aluminum extrusions. In the Z-axis, UtiliTrak® linear guides provide misalignment tolerance and is adjustable to maintain axis rigidity throughout the life of the machine. Linear guides from Bishop-Wisecarver are designed to operate under harsh conditions, thanks to their self-cleaning vee wheels that keep ShopBot's routers running with limited maintenance.

WHY BISHOP-WISECARVER®?

- ✓ High load capacity
- ✓ Self-cleaning with vee wheel technology
- ✓ Longer life and lower overall cost of ownership
- ✓ Low maintenance requirements
- ✓ UtiliTrak® Vee and C channel combination provides misalignment tolerance
- ✓ Custom engineered solutions and help from experienced professionals