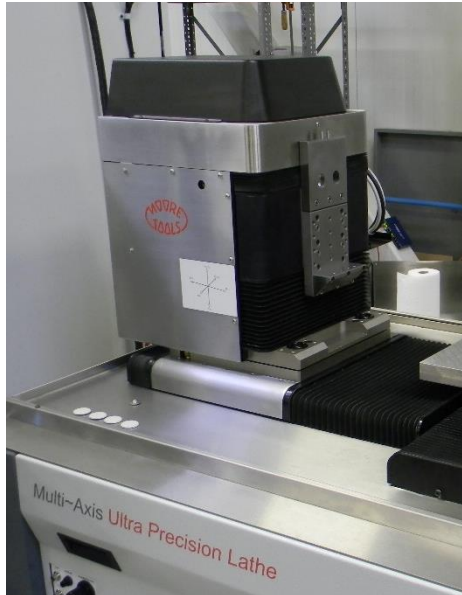
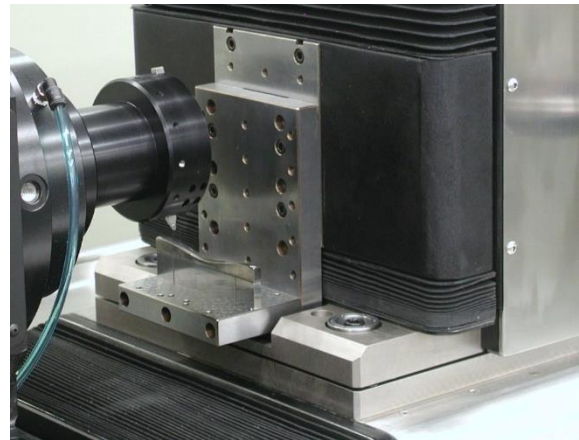


Removable Oil Hydrostatic Y-Axis

Configurable on 250 or 450UPL Systems



Y in Place of Spindle on 250UPL



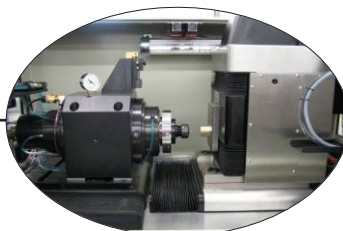
Raster Flycutting with Y on Z-Axis

Y-Axis Design Features

- ◆ Oil Hydrostatic vertical axis mounts on Z-axis slide
- ◆ Compact “Box Style” mechanical slide design
- ◆ Low profile DC linear motor drive system centrally mounted for peak performance
- ◆ Travel: 100mm (4”)
- ◆ Vertical / Horizontal Straightness: $\leq 0.2\mu\text{m}$
- ◆ Vertical / Horizontal Stiffness: 350N/ μm (2,000,000 lb/in)
- ◆ Programming Resolution: 0.01nm
- ◆ Feedback Resolution: 8 picometer (V-Series Systems)
- ◆ Adaptive Air Bearing Counterbalance offsets changing loads increasing thermal stability
- ◆ Mechanical / pneumatic braking system
- ◆ Central mounting surface for tools, parts, or fixturing
- ◆ Maximum speed: 1500mm/min @ 0.008nm
- ◆ Total Unit Weight: 168Kg (370 lbs)
- ◆ Maximum carrying capacity: 6.8Kg (15 lbs)



250UPL^{v2}



450UPL^{v2}