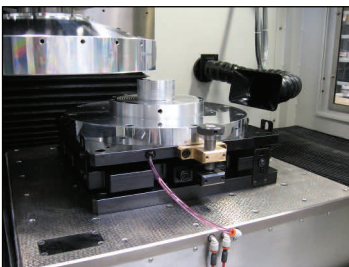
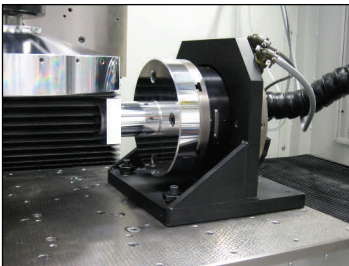


# 700UPF

Ultra Precision Flycutter  
(Available with 2 or 3 axes)

## Machine Features

- PC based CNC motion controller with Windows XP operating system and **1.0 nanometer programming resolution**
- Box-way hydrostatic oil bearing slides with 28" (710mm) of travel on X, 12" (300mm) of travel on Z
- Air Bearing Counterbalanced vertical Z-axis for optimal servo performance
- Flycut Tool Holders up to 13.75" (350mm) tool swing diameter
- 10,000 rpm "heavy-duty" air bearing workspindle (with liquid cooling option) mounted onto the vertical Z-Axis carriage
- Self-Leveling Air Isolators
- *Options* include various flycut tool holders, spraymist coolant system, refrigerant chiller for workspindle, tip/tilt stage, CNC controlled air bearing A-axis for polygon indexing, and Air Shower Temperature Control System



*Shown above with optional air bearing A-axis and manual tip/tilt stage*

