



# APEX



MADE IN USA

*Reflection and dirt are the enemies of creating an accurate tool profile. Our Apex machine features a full environmental enclosure with an automated light diffuser to make sure your tools are kept safe from the perils of the shop floor. The Apex can profile all types of tools or grinding wheels for any industry using our AAIM software creating the perfect DXF for comparison or export. Whether it is basic presetting or profiling wheels or form tools the Apex is a world class machine.*



## FEATURES

Fully integrated environmental enclosure with auto-retracting light diffuser	70x Magnification Lens
AAIM profiling software	Pearlitic cast iron construction with our proprietary SYMMETRY design
User management	Integrated spindle brake and 360° indexing
ECHO learning function	1µ repeatable measuring
Instantly finds tool geometries	Shop floor ready, full size freestanding machine
Theoretical intersection points	Laser Tool Location finder
Fixed or Dynamic crosshairs	LED ring-light for tool inspection
21.5" LCD touchscreen control	Robust easy to use control interface
21.5" tool window monitor	
600+ lb/ft universal power clamping spindle with interchangeable cartridge system to work with any tool holding type	

## SPECIFICATIONS

### DIMENSIONS AND WEIGHT

Length: 939.8 mm (37")

Width: 1168.4 mm (46")

Height: 1828.8 mm (72")

Weight: 475 kg (1046 lbs)

### UTILITIES

120V AC or 220V AC, 50 Hz to 63 Hz

Air: 80-110 PSI

### MEASURING ENVELOPE

600mm Height

420mm Diameter

100mm Snap Gauge

## OPTIONS

- Holder Recognition System
- Virtual control device
- Automated RFID
- Data output
- Perfect Set automated tool height system
- Mazak Cyber Tool and Smooth Tool Management system integration

10  
YEAR

LIMITED  
WARRANTY

# ΩMEGA

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