



# **ADDY MACHINERY COMPANY**

## ***New & Used Machine Tool Solutions***

### **Mazatrol Milling 3 / 4 Axis Conversational Programming for Machining Centers (Training is 3 days)**

**Addy Machinery - Engineering Training Center,  
36055 Groesbeck Hwy.  
Clinton Township MI, 48035**

#### **Training Class Overview:**

This class provides part programming instruction to experienced milling machinist using the Mazatrol programming language on Mazak machining centers. The classroom uses MatrixCam Control Simulators.

The class hours are 8:30AM – 4:30PM daily (3 days) ending an approximately 3:30PM the 3rd day.

#### **Requirements:**

Machining and tooling experience on machining centers.

#### **Category:**

Milling

**Tuition:** \$1,200.00/per student (2 student minimum, 6 student maximum)

#### **Note:**

This class can be modified to any of the following controls 640M, M-Plus, M32, Matrix, Matrix Nexus, & Smart Lunch will not be provided.

#### **Abbreviated Syllabus:**

##### **Day 1**

Machine coordinate and programming coordinate systems; Familiarization with Mazatrol functions and program creation; Common Unit and basic WPC; Explanation of the Face Milling Unit and Point Machining Units & Mazatrol Program edit features, Priority Function for the Same Tool.

##### **Day 2**

Explanations of the following: Multi Mode Programming; Line Machining; Tool Data; Virtual Machining End Unit, Step Unit, Arbitrary shapes with unknowns.

##### **Day 3**

Explanations of the following: Arbitrary shapes using shape rotates and shape shift features. MMS Unit; Tornado Milling Unit and Planet Tapping Unit: User Parameters and TPC function; Restart, VFC, TPS functions.