

HI-TECH

MACHINING & ENGINEERING INC.

EQUIPMENT LIST

CNC Milling with 4th and 5th Axis

2	Haas VF4 SS	12,000 RPM; 50"X 30" X 25"; Full 5-Axis
1	Haas VF3	8,000 RPM 40"X 20"X 25"; 4-Axis equipped
1	Haas VF2 SS	12,000 RPM; 30"X 16" X 20"; 4-Axis equipped
1	YCM XV 560A	10,000 RPM; 22"X 16.1" X 17.7"; 4-Axis equipped
1	Brothers TC-S2C-O	10,000 RPM; 27.6"X 15.7" X 11.8"
7	Matsuura 500V/510V	6,000 RPM; 20"X 14"X 17"; 4-Axis equipped

CNC Turning Centers

1	Okuma LU15-M	4500 RPM; 8" chuck, 2.4" hole through spindle; Twin turret, 12 live tool upper, 8 tools lower Turning capacity X 13.4" x Z 39"; Full C-Axis with live tooling
1	Haas SL20	4,000 RPM; 2" chuck, 2." hole through spindle, Turning capacity X 10.3" x Z 20"; Full C-Axis with live tooling and bar feeder
1	FEMCO HL25	4800 RPM; 8" chuck, 2.4" hole through spindle; Turning capacity X 9.84" x Z 23.62"; Bar feeder
1	FEMCO HL35	4000 RPM; 10" chuck, 2.875" hole through spindle. Turning capacity X 14" x Z 26.57"; Full C-Axis with live tooling
1	Nakamura slant Jr.	3500 RPM, 6" chuck, 2.17" hole through spindle, 19"X 29"
1	Prototrak SLX	1800 RPM; 12" chuck, 4.09" hole through spindle; 24" x 60";
1	Nakamura TMC 15	4500 RPM, 6" chuck, 1-5/8" hole through spindle, 13" swing, 11" travel

Electrical Discharge Machining (EDM)

1	Charmilles Robofil 240MP	Wire 13.6" x 8.5" x 8.5"
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Conventional Milling

4	Bridgeport Mill	2hp, 4200 RPM 42"X 9", digital readout, power feed
1	Chevalier 3VKH	3hp, 4200 RPM Digital readout, Prototrak 2 axis CNC, power feed, quick-change spindle

Conventional Turning

1	HardingeTool room lathe	Super Precision Auto Chucker with tail stock
1	Hardinge Chucker	Super Precision Auto Chucker
1	Engine lathes	14" swing, 21" w/ removable gap, 10" chuck, collet attachment

Assorted Support Equipment

1	Kent KG9 Surface Grinder	6" x 24" bed
1	DoAll 916 Automatic Saw	9"X 18" self feeding horizontal
1	Vertical Band Saw	15"
1	Oven	14"X 22"X 23" 200 degrees C

We are AS9100 compliant and have a 750 sq. ft. climate controlled room with a full set of common inspection equipment including:

1	Brown & Sharpe CMM	Fully programmable; 19.7" x 27.6" x 19.7"
1	Brown & Sharpe CMM	Programmable; 36" x 36" x36"
1	Optical Comparator	Full CAD programmability with optical edge detection.
2	Optical Comparator	With Digital Read Outs (DRO)

Mechanical & Electrical Assemblies

We also offer assembly mechanical and electrical assembly services.