

HI-TECH

MACHINING & ENGINEERING INC.

EQUIPMENT LIST

CNC Milling with 4th and 5th Axis

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|---|--------------------|------------------------------------------------------------------|
| 1 | Doosan HP5100 | 14,000 RPM; 33" x 27.5" x 29.5"; Multi Pallet; Horizontal 4-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" |
| 1 | Hurco VMX24 | 12,000 RPM; 24"x20"x24"; Full 4th Axis |
| 5 | Matsuura 500V/510V | 6,000 RPM; 20"x 14"x 17"; 4-Axis equipped |

CNC Turning Centers

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|---|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Doosan 2000SY | 5,000 RPM; 8" Chuck; 2.99" hole through spindle; X 12.99 x Z 20.08"; Full C axis; Full Y axis Y 2.0"; Subspindle |
| 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; 8" 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 | Prototrak SLX | 1800 RPM; 15" 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 |

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

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|---|--------------------------|---------------------------------------------------------------|
| 1 | Hardinge Tool 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 Certified 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" x 36" |
| 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.