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| ***Equipment List*** |

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| **CNC Vertical Machining Centers** | | | |
| **HAAS VF-6 SS** | | | |
| Maximum Tooling Area (Inches) | X Axis | Y Axis | Z Axis |
| 60 | 32 | 24 |
| Table Size (Inches) | Length | 64 | |
| Width | 30 | |
| Number of Tools | 24 | | |
| Spindle Speed Range (RPM) | 0 – 12,000 | | |
| Taper | 40 | | |
| Comments: | Operate with 4th axis capabilities; Machines on site: 2 | | |
| **HAAS VF-4 SS** | | | |
| Maximum Tooling Area (Inches) | X Axis | Y Axis | Z Axis |
| 50 | 20 | 20 |
| Table Size (Inches) | Length | 52 | |
| Width | 20 | |
| Number of Tools | 24 | | |
| Spindle Speed Range (RPM) | 0 – 12,000 | | |
| Taper | 40 | | |
| Comments: | Operate with 4th axis capabilities; Machines on site: 4 | | |
| **HAAS TM-2** | | | |
| Maximum Tooling Area (Inches) | X Axis | Y Axis | Z Axis |
| 40 | 15 | 12 |
| Table Size (Inches) | Length | 48 | |
| Width | 16 | |
| Number of Tools | 20 | | |
| Spindle Speed Range (RPM) | 0 – 4,000 | | |
| Taper | 40 | | |
| Comments: | NA | | |
| **KIRA VTC 30** | | | |
| Maximum Tooling Area (Inches) | X Axis | Y Axis | Z Axis |
| 15.7 | 9.8 | 8 |
| Table Size (Inches) | Length | 19.7 | |
| Width | 12.6 | |
| Number of Tools | 10 BT | | |
| Spindle Speed Range (RPM) | 200 – 8,000 | | |
| Taper | 30 | | |
| Comments: | NA | | |

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| **CNC Gantry Router** | | | |
| **HAAS GR510** | | | |
| Table Size (Inches) | X Axis | Y Axis | Z Axis |
| 120 | 60 | 24 |
| Number of Tools | 20 | | |
| Maximum Spindle Speed (RPM) | 8,100 | | |
| HP | 15 | | |
| Comments: | Operates with a vacuum table and a single head | | |
| **HAAS GR512** | | | |
| Table Size (Inches) | X Axis | Y Axis | Z Axis |
| 144 | 60 | 24 |
| Number of Tools | 20 | | |
| Maximum Spindle Speed (RPM) | 10,000 | | |
| HP | 15 | | |
| Comments: | Operates with a single head | | |
| **HAAS GR712** | | | |
| Table Size (Inches) | X Axis | Y Axis | Z Axis |
| 144 | 84 | 24 |
| Number of Tools | 20 | | |
| Maximum Spindle Speed (RPM) | 8,100 | | |
| HP | 15 | | |
| Comments: | Operates with a single head, Machines on site: 2 | | |
| **HAAS GR712** | | | |
| Table Size (Inches) | X Axis | Y Axis | Z Axis |
| 144 | 84 | 12 |
| Number of Tools | 20 | | |
| Maximum Spindle Speed (RPM) | 10,000 | | |
| HP | 15 | | |
| Comments: | Operates with a single head | | |
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| **HAAS GM-2** | | | |
| Table Size (Inches) | X Axis | Y Axis | Z Axis |
| 144 | 84 | 24 |
| Number of Tools | 30 | | |
| Maximum Spindle Speed (RPM) | 10,000 | | |
| HP | 30 | | |
| Comments: | Operates with a single head- dual ball screw and heavy duty bearings | | |

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| **CNC Turning Centers** | |
| **Haas TL-2** | |
| Maximum Machining Diameter (Inches) | 16 |
| Chuck Diameter (Inches) | 8 |
| Max Machining Length (Inches) | 48 |
| Comments: | NA |
| **Haas ST 35Y** | |
| Maximum Machining Diameter (Inches) | 18 |
| Chuck Diameter (Inches) | 12 |
| Maximum Machining Length (Inches) | 24 |
| Comments: | Operates with a bar feeder and integrated Y-axis; Machines on site: 2 |
| **Haas SL30** | |
| Maximum Machining Diameter (Inches) | 14 |
| Standard Machining Diameter (Inches) | 10 |
| Chuck Diameter (Inches) | 10 |
| Maximum Machining Length (Inches) | 22 |
| Number of Tools | 12 |
| Maximum Spindle Speed (RPM) | 3,500 |
| Comments: | Operates with Haas Fanuc Style Control |
| **MAZAK Quick Turn Smart 200M** | |
| Maximum Machining Diameter (Inches) | 14 |
| Standard Machining Diameter (Inches) | 10.87 |
| Chuck Diameter (Inches) | 8 |
| Maximum Machining Length (Inches) | 18 |
| Number of Tools | 12 |
| Maximum Spindle Speed (RPM) | 4,000 |
| Comments: | Operates with Smart Control |
| **Okuma Cadet 1420/650BB** | |
| Maximum Machining Diameter (Inches) | 14.17 |
| Standard Machining Diameter (Inches) | 13 |
| Chuck Diameter (Inches) | 15 (KITAGAWA) |
| Maximum Machining Length (Inches) | 24 |
| Number of Tools | 12 |
| Maximum Spindle Speed (RPM) | 3,000 |
| Comments: | Operates with OSP 700L Control |

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| **CNC Panel Saws** | | | | |
| **SCM Sigma Impact** | | | | |
| Thickness Tolerances (Inches) | Tolerance (+/-) | 0.015 | 0.020 | 0.030 |
| Thickness Range | 0 to 1.00 | 1.00 to 3.00 | 3.00 to 3.50 |
| Table Size (Inches) | Length | 168 | | |
| Width | 168 | | |
| Maximum Material Thickness (Inches) | 3.5 | | | |
| Comments: | NA | | | |
| **Schelling FK8** | | | | |
| Thickness Tolerances (Inches) | Tolerance (+/-) | 0.015 | 0.020 | 0.030 |
| Thickness Range | 0 to 1.00 | 1.00 to 3.00 | 3.00 to 6.00 |
| Table Size (Inches) | Length | 120 | | |
| Width | 120 | | |
| Maximum Material Thickness (Inches) | 6 | | | |
| Comments: | NA | | | |

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| **CNC Horizontal Machining Center** | | | |
| **HAAS EC-1600YZT** | | | |
| Table Size (Inches) | X Axis | Y Axis | Z Axis |
| 64 | 50 | 40 |
| Number of Tools | 50 | | |
| Maximum Spindle Speed (RPM) | 6,000 | | |
| HP | 30 | | |
| Comments: | Operates with full 4th axis | | |