

# Hastreiter Industries

PURPOSE DRIVEN MANUFACTURING™

## Equipment and Capabilities List

Precision CNC Machining | 5 Axis CNC Milling | Multi-Axis CNC Turning | Metrology

ISO 9001:2015 | ITAR | JCP

Cage Code: 72NZ2

Duns: 620766915

<b>CNC Mills, Vertical</b>	<b>Total Count</b>	<b>Year</b>	<b>Number of Axes</b>	<b>Travel (Envelope for Machining)</b>	
Matsuura MX-520	2	2021	5	24.8" x 22.0" x 20.1"	
Okuma Genos M560-V	1	2020	3	41.3" x 22.1" x 18.1"	
Okuma Genos M450V-5AX	1	2019	5	30" x 18.1" x 18.1"	
Haas DT-1	1	2018	3 to 5	20" x 16" x 15.5"	
Haas VF-2SS	1	2017	3 to 4	30" x 16" x 20"	
Haas VF-4	1	2016	3 to 5	50" x 20" x 25"	
Haas VF-2	1	1998	3	30" x 16" x 20"	

  

<b>CNC Mills, Horizontal</b>	<b>Total Count</b>	<b>Year</b>	<b>Number of Axes</b>	<b>Travel (Envelope)</b>	<b># Pallets (for Automation)</b>
Kitamura HX250iG	1	2020	4	12" x 12" x 13"	10

**CNC Machines have the latest technology such as parts & tool probing (Renishaw brand), high pressure & programmable coolant, through spindle air & coolant, high speed spindles, minimum quantity lubrication (MQL), automatic tool vibration compensation, dynamic work offsets and more.**

(Equipment continued page 2)

<b>CNC Lathes</b>	<b>Total Count</b>	<b>Year</b>	<b>Specifications</b>	<b>Max Part Diameter</b>
Okuma Genos L3000MY-e x 400	1	2021	Tail Stock, Y Axis, Live Tooling	13.39"
Okuma Genos L3000MY-e x 1000	1	2020	Tail Stock, Y Axis, Live Tooling	13.39"
Okuma LB3000EX-II BBMYW x 800	2	2019, 2021	Multi Spindle, Y Axis, Live Tooling	13.39"
Mazak Nexus 200-II MSY	1	2012	Multi Spindle, Y Axis, Live Tooling	14.96"
Mazak Nexus 250MS	1	2006	Multi Spindle, Live Tooling	14.70"
Mazak Quick Turn 8N	1	1991	Tail Stock, can still hold +/- 0.0001"	6.65"

  

<b>Metrology</b>	<b>Total Count</b>	<b>Year</b>	<b>Specifications</b>	<b>Work Envelope</b>
Mitutoyo S9108 (Laboratory CMM)	1	2020	CMM with Scanning Probe, 5 Axis, ISO 10360	30.4" x 39.4" x 31.5"
Hexagon 7.10.7SF (Shop Floor CMM)	1	2017	CMM with Scanning Probe, 5 Axis, ISO 10360	27.5" x 39.4" x 27.6"
Keyence IM-7030	1	2019	Vision Inspection System	11.8" x 17.8" x 5.7"

  

<b>3D Printing</b>	<b>Total Count</b>	<b>Year</b>	<b>Type</b>	<b>Max Build Volume</b>
Fusion3 F410	1	2021	FDM, Plastics including carbon fiber infused	14"x14"x12.4"

  

<b>Automated Sawing</b>	<b>Total Count</b>	<b>Year</b>	<b>Max Bar Diameter</b>	<b>Max Flat Bar Size</b>
Marvel Spartan PA26EPC	1	2017	10.25"	10" x 12"
Marvel Spartan PA10	1	1996	10.25"	10" x 12"

<b>Finishing &amp; Other Operations</b>	<b>In House Capabilities</b>	<b>Has Qualified Vendor(s)?</b>
Laser Engraving	Yes	Yes
Ultrasonic Cleaning	Yes	
Assembly	Yes	
Heat Treating	Yes	Yes
Fabrication		Yes
Precision Grinding		Yes
Plating/Coating/Anodizing		Yes
Bead Blasting	Yes	
Electro-Chemical Etching	Yes	
Dot Peen Marking	Yes	

Qualified vendors include ISO 9001, AS9100 and ITAR registration, to meet your requirements.

Hastreiter Industries is very familiar with sourcing aerospace specs for finishing / secondary operations.

**Special Shipping & Packaging Technologies to Ensure Quality of Parts During Transit**

	<b>In House Capabilities</b>
Foam Packaging Machine, Instapak	Yes
Skin Packaging Machine	Yes
Water Activated Tape	Yes

<b>Software</b>	<b>Type</b>	<b>Year</b>	<b>Notes</b>
Autodesk Inventor Pro	CAD	2021	
SolidWorks Standard	CAD	2021	
Autodesk PowerMill Premium	CAM	2018, 2021	Top Tier CNC Mill Programming Software
Autodesk FeatureCAM Ultimate	CAM	2021	Top Tier CNC Mill & Lathe Programming Software
PC-DMIS CAD++	CMM Software	2019	Top Tier Programming Software for Hexagon CMM
MCOSMOS-3	CMM Software	2020	Top Tier Programming Software for Mitutoyo CMM
RealTrac	ERP	2021	Tracks jobs from start to finish, including live status

