

# ADVANTAGES OF CNC MACHINING

## RAPID TURNAROUND

Using the latest CNC machines, Xometry produces highly accurate, quick turn parts in as fast as 1 day.

## PRECISION

Offers high-precision tolerances ranging from  $\pm 0.001$ " – 0.005", depending on customer specs.

## CUSTOM FINISHES

Select from a variety of finishes on solid metal and plastic parts, built to precise design specifications.

## SCALABILITY

CNC Machining is perfect for production of 1-10,000 parts.

## MATERIAL SELECTION

Choose from over 50 metal and plastic materials. CNC Machining offers a wide variety of certified materials.



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# G FORCE MACHINING



## CNC TURNING & MILLING OF ALL TYPES OF METALS.

Carbon Steel • Stainless Steel  
Alluminum • Inconel • Exotic, Etc.

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## INSPECTION

G-Force Machining is ISO9001-2015 certified, making the process more streamlined. We do first piece, in process and final inspection.

**We have an inspection department with the following capabilities:**

- Starrett optical comparator
- Hexagon measuring arm
- Mitutayo inspection grade gauge block set
- Surface plate
- Height gauge
- Bore gauge
- Gagemaker thread gages
- OD Mics O-12

## TIGHT TOLERANCES? NO PROBLEM.

Unlike other large-scale CNC-machining vendors, we keep a fairly broad toolset. We want to hit your tight tolerances and complex geometries. We're constantly adding new tools to our library in order to make your parts, as you designed them.



MAZAK POWER MASTER

## MACHINERY

G-Force's Manufacturing-as-a-Service approach supports your entire product development lifecycle. From design consultation, to prototyping, through production and end-of-life fulfillment, we've got you covered. For enterprise clients, we offer designated capacity, just-in-time-delivery, quick-turn prioritization, and more.



MAZAK POWER MASTER



HASS MILL



OKUMA LB45



DURATURN 2550



MAZAK MILL

MACHINE	MODEL #	MAX TURNING DIA. (IN)	BETWEEN CENTERS (IN)
OKUMA L1420	LNC10	12	45
MAZAK	POWER MASTER	12	120
MORI SEIKI	TL40 A	12	120
OKUMA LB45	83	16	72
MORI SEIKI	NL2500SY/700	10	18
MORI SEIKI	DURATURN 2550	10	20
HYD MECH SAW	H-12A	10" DIA	
HYD MECH SAW	V-18	10" DIA	
MILL DIMENSION			
HASS	VF-3D	40 x 20 x 25	
MAZAK	VCN 700E-11	80 x 40 x 30	