



CNC Machining Service at XLproto

The good choice for prototyping & small batch trial production

ISO 9001:2015 | FAI Report | CMM Report

High Precise Part	Sufficient Capacity	Reliable Quality	Flexible Timing
Tolerance +/-0.02mm	CNC machines 50+	ISO 9001 2015	24 hours Operation

PRODUCTS

CNC Machining	+
3D Printing	+
Sheet Metal Fabrication	
Rapid tool	+

NEW PRODUCTS



Sheet metal Aluminum Parts



CNC Milling Blue Anodized Aluminum Parts



Printing SLS Printed PAParts

All new products

CNC machining is one of XLproto's main rapid prototyping services. Its processing involves product prototyping, auto parts, medical shells, robot prototypes and batch components, aerospace models, etc. We have 5-axis CNC centers, 4-axis, 3-axis turning-milling centers, CNC lathes, CNC punching machines and laser cutting machines. These high-end machines will continuously automate production 7*24 hours to provide our customers with timely and high-quality parts.



CNC Milling

CNC milling is a machining process that uses computer control and rotating multi-point cutting tools to gradually remove material from the workpiece and produce custom-designed parts or products.

More details



CNC Turning

CNC turning is a machining process in which bars of material are held in a chuck and rotated while a tool is fed to the piece to remove material to create the desired shape.

More details

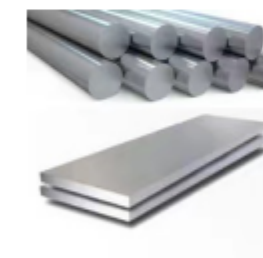
Applied Materials

It has a wide range of materials, and the commonly used materials are as follows.

Metal

Aluminum Alloy
Copper
Steel
Zinc alloy
Magnesium aluminum alloy

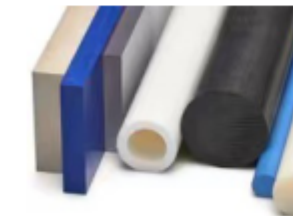
Stainless Steel
Brass
Magnesium Alloy
Titanium alloy



Plastic

ABS
PC
Nylon
PE
PC+ABS
PVC
PEEK
PPO

Acrylic
POM
PP
PTFE
PA+30%GF
PPS
PU



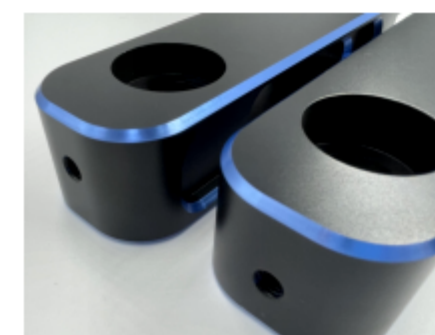
Surface Finishing?

These coatings can also add a layer of protection to your parts. Go ahead, there are many coatings to choose from.

Painting



Anodizing



Water Plating



Vacuum Plating



Applications

CNC machining is widely used throughout the aerospace, medical, automotive industries for its ability to rapidly manufacture precise parts in production-grade materials. Typical CNC parts, include:

Housings and enclosures

Fixtures for manufacturing

Internal mechanical components

Brackets

Gears and bearings

Medical instrumentation