Instant Quotes, Quality Parts

app

AMERICAN PRECISION PROTOTYPING

DESIGN
PROTOTYPE
PRODUCTION

We Build Quality Parts

CNC Machining

Precision Production Plastic and Metal Parts.

CNC Machining is a cutting process in which material is removed from a block of material by a rotating cutting tool. The material is removed by both the end and side of the cutting tool which usually rotates about an axis that is perpendicular to the table that holds the material to be cut. The cutting tool is moved in all three or five dimensions, depending on the type of CNC machine, to achieve the desired cut shape. Cutting tools of various profile shapes are available including square, rounded, and angled which allow for a wide variety of part shapes and geometries.

CNC Build Specifications

Large Capacity
CNC Mills: 68x32x19in
CNC Lathes: 24x89in
AS9100 Certified
CAD/CAM Software: Catia V5, SolidWorks, Pro E, Esprit, Rhino, One CNC
Standard CNC Tolerances

Materials

- Metals
- Plastics
- Foam
- Composites

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