

Precision Machined Parts, We Make It Easy

American manufacturing is tough—having a machining supplier you can count on for high-quality, competitively priced parts delivered on time is essential.

Ketchie invests in advanced machining technology, people, and processes to strengthen your supply chain, so you can focus on what matters most with confidence.



Ketchie Inc., a woman-owned precision CNC machine shop in Concord, NC, has provided high-quality machined parts since 1947. We specialize in low to mid-volume production, machining parts from the size of a Lego head to a hula hoop for government and commercial customers.

Why Choose Ketchie

Proven Partner

With over 75 years of providing precision machining solutions, we know how to solve complex challenges—you can trust us to make your job easier.

We Make It Easy

Simplifying your machining supply chain from sourcing castings and raw materials to heat treat, paint, and coatings—we manage the entire process to deliver a finished product so you can focus on what you do best.

High-Quality Parts, On Time, at Competitive Price

Our management team constantly monitors our metrics goals, such as on-time delivery (>94%), quality (98%), and vendor performance.

Bridging the Gap

Our Opportunity Knocks job shadowing program introduces high school students to manufacturing through mentorship and character development, helping them explore pathways to a successful career.

NAICS CODES

- 332710 Machine Shop (Primary)
- 332721 Precision Turned Product Manufacturing
- 333612 Gear, Power Transmission Manufacturing
- 332991 Pillow Blocks with Ball Bearings Manufacturing
- 336413 Other Aircraft Parts & Auxiliary Equipment Mfg.

COMPANY DATA

CAGE 02RW8 DUNS: 003164274
SET-ASIDES: WOSB, Small Business, DBE

CERTIFICATIONS

DBE/WBE certified ITAR registered
WOSB certified ISO 9001:2015 certified
We are currently pursuing AS9100 certification: mid 2025

CORE MACHINING COMPETENCIES

- CNC Milling: 3-axis, 4-axis, horizontals and vertical, Pallettech
- CNC Turning: live tooling, second spindles, robot, bar feeder
- CNC & Surface Grinding: cylindrical and flat
- Gear Shapers: AGMA Class 8, internal and external
- Broach: 5 ton hydraulic horizontal
- Inspection Equipment: Hexagon CMM, FARO Arm, Optical Comparator, Rockwell Hardness Tester, Digital Height Gage

Materials & Finishes

Steel	Cast Iron	Custom Painting
Pre-Heat Treated Steel	Ductile Iron	Black Oxide
Stainless Steel	Nylon	Zinc Plating
Aluminum	Phenolic	Anodizing
Bronze	Delrin	Hard Chrome Plating
Brass	Inconel	Powder Coating

Quick Takeaways

- Precision CNC machining for low to mid-volume production
- Part sizes as small as a Lego head to as large as a hula hoop
- Shafts up to 6 feet long or 22 inches in diameter
- Expertise in machining castings and bar stock
- Competitive pricing and on-time delivery



201 Winecoff School Rd.
Concord, NC 28027



704.786.5101



sales@ketchieinc.com

www.ketchieinc.com

Mazak Quick Turn 250 and 350MSY's [CNC Turning]

- Ideal for machining complex parts such as flanges, hubs, and complex shaft work involving turning and milling in a single setup.
- Handles both OD/ID turning and milling features like slots, holes, and contours with precision.
- The 250MSY features a bar feeder, making it ideal for higher-volume production of small-to-medium diameter parts up to 3", such as bushings, pins, and spacers.
- FANUC Cobot on the 350MSY is great for parts up to 35.5 lbs.
- Good for castings, forgings, bar stock, and billet material requiring turning and secondary milling features.
- Best for parts up to 14" in dia. in medium-to-large batch production runs.

Mazak Quick Turn 350 and 450MY [CNC Turning]

- Equipped with Y-axis and live tooling for precision turning, off-center milling, and keyway features, making it ideal for machining splined shafts, keyways, and complex components in a single setup.
- Excellent for large diameter parts up to 22 inches (450MY) and long shafts up to 75 inches, including castings, forgings, bar stock, and billets.
- Efficient for lower to medium production volumes, balancing flexibility with tight tolerances.
- Perfect for rail, energy, heavy equipment, and industrial components requiring precision and durability.

Mazak HCN-6000 and FH-6800 Horizontal Milling

- Excel at machining large, complex parts with tight tolerances, maximizing productivity and precision.
- Large Work Envelope: Capable of handling parts up to 41" in length and 3,300 pounds, making them ideal for large castings, housings, and prismatic components.

Gear Shapers, Grinders, and Horizontal Broach

- Gear Shapers: The Fellows gear shapers are best used for producing high-precision internal and external AGMA Class 8 gears, including spur gears. Its capabilities make it ideal for gears up to 36 inches in diameter. These machines are widely used in industries like automotive, aerospace, and heavy machinery where precision and durability are critical.
- Precision Grinding: CNC cylindrical grinding up to 40" length, 12" diameter, achieving 8 RA finish, and holding .0001" tolerances for shafts and cylindrical parts. Surface grinding up to 36" diameter ensures precision flatness and smooth finishes.
- 5-Ton Broach: Precision keyways, splines, and internal shapes with consistent quality and tight tolerances.

Expedited Services

- Fast-Track Your Critical Orders: Our non-dedicated CNC machines enable expedited orders, ensuring your parts are quickly prioritized and put into process without disrupting our standard workflow.

