



## Who We Are

Yame Production and Assembly Systems, as a subsidiary of Tugla Architecture and Engineering company continuing its commercial activities, offers high-quality products to its customers by utilizing the latest technologies in metal processing. We provide a wide range of services in the field of metal processing with our wire erosion facility and 3 and 5-axis machines.

To maintain our leadership in the automotive sector and subcontracting industries in metal processing, Yame Metal Processing continuously follows technology, enhances our competencies, and embraces an innovative approach. We take pride in being a reliable business partner in the industry with our customer-centric approach and commitment to quality.

Tugla Engineering, a pioneer in metal processing and subcontracting services in the aviation, defense, automotive, and mold industries, provides strong support for the growth and success of your business.



HOUSEHOLD APPLIANCES



AEROSPACE



AUTOMOTIVE



MOLD & DIE

## Our Methods

**Turning:** Turning operations involve the machining of rotating parts using lathe machines. The material is rotated within a holder attached to the lathe's spindle, and a cutting tool moves across the material to create the desired shape.

**Milling:** Milling involves various cutting operations on a workpiece using milling machines. A rotating cutting tool is used to perform various cutting processes on the material, allowing for the creation of different shapes and surfaces.

**Drilling:** Drilling is used to create holes in a material. Drill bits or drilling machines are employed to make holes, with a rotating cutting edge applying pressure to create the hole in the material.

**Grinding:** Grinding is used to smooth surfaces, achieve precise dimensions, or enhance surface quality. A high-speed rotating grinding wheel or grinding disk applies pressure to the material to perform the desired operation.

**Gear Manufacturing:** Gear manufacturing encompasses the cutting of gear profiles or shaping gear surfaces. This process is employed in the production of gear wheels, gear shafts, and gear connection elements.

**Wire EDM (Electrical Discharge Machining):** Wire EDM is a non-traditional machining method based on the principle of electrical discharge. It involves using a metal wire electrode to cut or shape the material through controlled electrical discharges.

## OUR ADVANTAGES

**High Efficiency:** Machining with CNC machines operating at high speeds reduces production time and increases efficiency.

**Precise Tolerance Control:** Machining ensures the production of high-quality parts with precise tolerances, thanks to CNC operations.

**Wide Material Compatibility:** Machining can process various materials like metals, plastics, and composites, suitable for diverse industries.

**Flexibility and Customization:** Machining allows quick adaptation to customer needs through versatile CNC operations, enabling tailored solutions.

**Cost-Effectiveness:** Machining offers cost-effective mass production by reducing labor costs and minimizing material waste through automation.

**Robust Quality Control:** Quality control measures in machining guarantee high-quality and reliable products. It involves using a metal wire electrode to cut or shape the material through controlled electrical discharges.

