



领益智能
LINGYI INTELLIGENT

Precision Parts Manufacturing

Accurate, Reliable & High-Quality Components — engineered for industrial performance.

[Explore Our Solutions](#)

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Made with **GAMMA**



What Is Precision Parts Manufacturing?

Precision parts manufacturing produces mechanical components to exact dimensions and tight tolerances. At [IMachine](#), we deliver metal-processing solutions across deburring, leveling, sanding, polishing, cutting, and slitting — built for consistent, high-volume industrial production.

CNC Machining

Computer-controlled precision for complex geometries

Cutting & Forming

Accurate material shaping to specification

Grinding

Fine surface finishes and tight tolerances

Quality Inspection

Verified output at every production stage

Why Precision Matters

Accurate components directly impact assembly quality, production efficiency, and long-term reliability. Tight tolerances eliminate rework, reduce material waste, and ensure every part performs as designed.



Better Assembly

Components fit together correctly the first time, reducing fit-up issues on the line.



Reliable Performance

Consistent dimensions mean predictable behavior in demanding operating conditions.



Less Rework & Waste

Fewer rejects and less scrap lower costs and improve throughput.



Consistent Production

Repeatable processes maintain output quality across every batch.

Industries We Serve

Machine precision components and finishing equipment support demanding manufacturing sectors where dimensional accuracy and surface quality are non-negotiable.



Automotive

Stamped, machined, and formed components for vehicle assembly and powertrain systems.



Aerospace

High-tolerance parts for structural, propulsion, and avionics applications.



Industrial Machinery

Durable components for production equipment, conveyors, and heavy-duty systems.

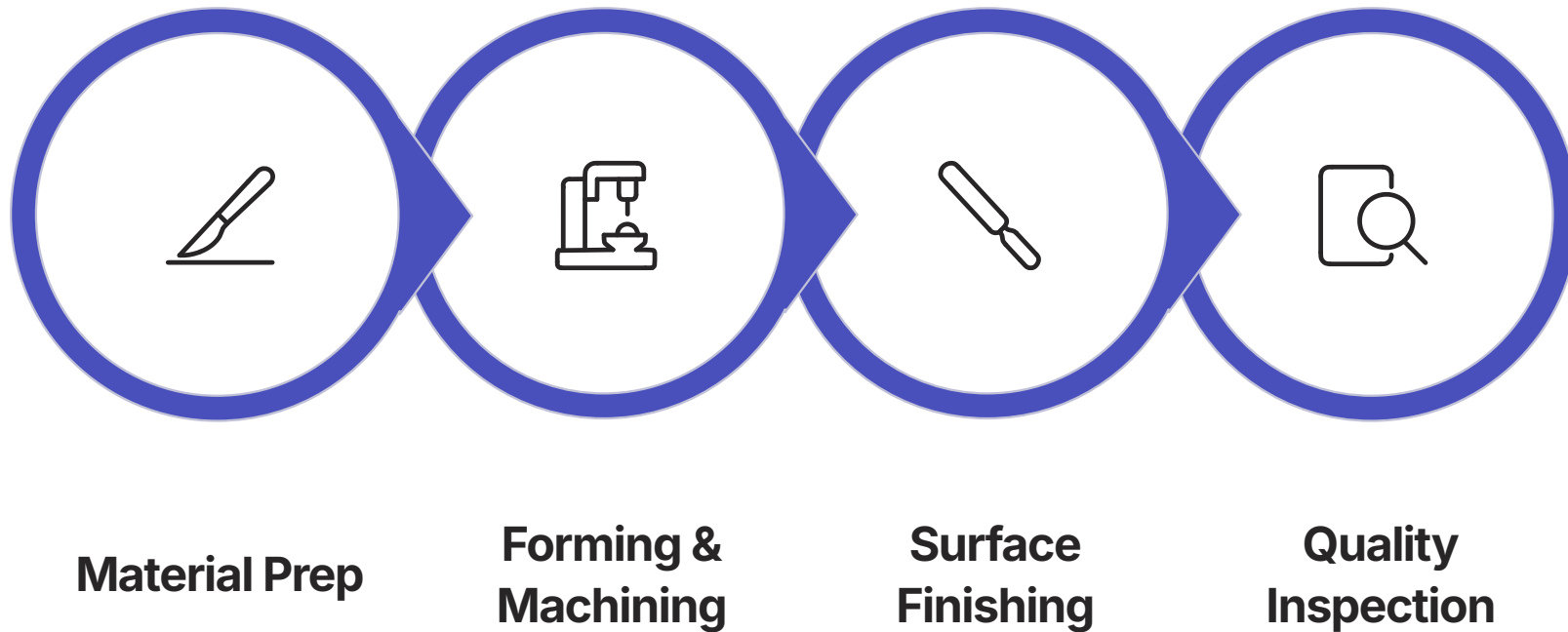


Construction & Appliances

Sheet metal and fabricated parts for equipment housings, panels, and enclosures.

IMachine Precision Manufacturing Solutions

We help manufacturers select the right equipment based on material type, component requirements, production volume, tolerances, and finishing needs. Our solutions span the full metal-processing workflow.



Each stage builds on the last proper material preparation enables accurate forming, which feeds into consistent finishing, and verified quality ensures reliable downstream performance.



FEATURED EQUIPMENT

Industrial Deburring Machine

An industrial deburring machine removes burrs, sharp edges, and residual material left after cutting, punching, laser processing, or machining. It delivers faster, more consistent results than manual deburring — improving part quality and production efficiency across high-volume batches.

Consistent Edge Quality

Uniform burr and edge removal across every component, regardless of batch size.

Reduced Manual Labor

Automated finishing replaces repetitive hand work, freeing operators for higher-value tasks.

Safer, Smoother Parts

Clean edges improve handling safety and ensure accurate assembly fit-up.

Deburring Applications & Industries

Common Applications

- Sheet metal parts and laser-cut components
- Stamped and punched metal products
- Fabricated and machined components
- Precision metal products requiring tight tolerances

Industries Served

- Automotive & Aerospace
- Construction & General Metal Fabrication
- Appliance Manufacturing

Why Choose IMachine?

IMachine provides deburring equipment configured for your specific material, part geometry, production volume, and required finish. Whether processing individual components or large batches, the right machine reduces rework and delivers a more consistent finished product.

[View Deburring Solutions](#)



FEATURED EQUIPMENT

Precision Leveling Machine

A precision leveling machine corrects unevenness, bending, and internal stress in metal sheets and plates. By passing material through a series of leveling rollers, it gradually eliminates imperfections introduced during cutting, stamping, welding, or forming — producing flatter, more dimensionally stable material for downstream operations.



Improved Flatness

Consistent leveling results across all material types and thicknesses.



Dimensional Stability

Reduced internal stress improves cutting, welding, and forming accuracy.



Less Rework

Flatter material reduces downstream defects and material waste.

Leveling Applications & Material Compatibility

Compatible Materials

- Steel sheets and plates
- Stainless steel
- Aluminum and copper
- Other metal materials

Target Industries

- Automotive body panels and structural components
- Construction and building materials
- Appliance manufacturing
- Machinery and metal fabrication

☐ Choosing the right precision [leveling machine](#) improves downstream processes — cutting, welding, stamping, and forming all benefit from properly leveled material.

Why Choose IMachine?

IMachine delivers industrial metal-processing equipment designed around your specific production requirements — material type, part geometry, volume, tolerances, and finishing standards. Our solutions help manufacturers improve quality, reduce waste, and maintain consistent output.

6+

Core Processes

Deburring, leveling, sanding, polishing,
cutting, and slitting

5

Industries Served

Automotive, aerospace, construction,
appliances, and industrial machinery

100%

Application-Focused

Equipment selected for your material,
volume, and finish requirements

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