

CAPABILITIES OVERVIEW

Hands-off manufacturing, from first prototype to production.

MASA FabWorks is a US-based company that manufactures custom parts in India and China. We review your design, quote one all-in price, manage production and inspection, and deliver to your door.

No minimum order quantity

CNC Machining

Injection Molding

Sheet Metal Fabrication

3D Printing

Die Casting

Vacuum Casting

WHY MASA FABWORKS

One accountable partner

One team carries your part from prototype to production across every process. One point of contact and nothing for you to coordinate.

Confirmed before you commit

Every design is measured against per-process, per-material rules and priced against how it will actually be made, before you get a quote.

All-in pricing, no surprises

For US delivery, one DDP price with freight, customs clearance, and import duties included. You are not the importer of record.

Full visibility, start to finish

No black box. Frequent status updates, photos, and short videos from the floor at every milestone.

One place for the whole project

Upload CAD, view the part in 3D, read its DFM findings, sign your quote, and track every milestone in one workspace.

A responsive US partner

A US-based team in your time zone. Message us anytime and get a real answer from a person who knows your project.

HOW IT WORKS

01**Upload**

Send STEP, IGES, or drawings with your specs.

02**Automated DFM review**

Your model is measured against per-process, per-material rules, with prioritized fixes.

03**All-in quote**

One price with an estimated delivery date, made where it is most cost-effective across India and China.

04**Make, inspect, deliver**

Manufactured, inspected, and delivered, with updates, photos, and videos at every milestone.

WHO WE WORK WITH

From founder-led startups to established manufacturers.

Hardware startups

Crossing from prototype to first production, with no one whose full-time job is sourcing.

Robotics and automation companies

Structural, actuator, and enclosure parts that change with every revision and need DFM feedback before tooling.

Medical device developers

Components and prototypes for diagnostic, lab, and handheld devices, with ISO 13485 certified facilities available.

Consumer product brands

Cosmetic and structural parts, molded housings, and pre-production runs that look and work like the final product.

Industrial and energy equipment makers

Machined, cast, and sheet metal hardware for new builds, second sources, and added capacity.

01 CNC Machining

Milling, turning, multi-axis, wire EDM

3 & 5-axis

Axes

±0.13 mm / 0.005 in

Standard tolerance

50+

Materials

10+

Finishes

03 Sheet Metal Fabrication

Laser cutting, bending, MIG, TIG and spot welding, hardware insertion, assembly

25 mm / 1 in

Max thickness

±0.25 mm / 0.010 in

Bend tolerance

20+

Materials

8+

Finishes

05 Die Casting

High-pressure die, gravity and investment casting, CNC post-machining

15+

Cast alloys

0.8 mm / 0.031 in

Min wall

3

Casting methods

5 kg / 11 lb

Max shot weight

02 Injection Molding

Mold design and build, aluminum and hardened steel tooling, overmolding, insert and multi-shot

~2 weeks

Tooling lead time

±0.01 mm / 0.0004 in

Repeatability

98–1200 tons

Clamping force

SPI 101–103

Mold class

04 3D Printing

SLA, SLS, MJF, FDM, DMLS and PolyJet

0.1 mm / 0.004 in

Min feature

0.025 mm / 0.001 in

Layer resolution

6

Technologies

50+

Materials

06 Vacuum Casting

Master models, silicone molds, insert casting and overmolding

CNC or SLA

Master model

±0.3 mm / 0.012 in

Accuracy

Up to 25

Copies per mold

50+

Resin types

INDUSTRIES WE SERVE

Robotics & Automation

Structural, actuator, and end-of-arm hardware that keeps your build on schedule.

Consumer Electronics & Products

Cosmetic and structural parts that look and work like the final product.

Energy & Renewables

Power-electronics, battery, and mounting hardware for the energy transition.

Telecommunications

RF, thermal, and enclosure hardware for communications equipment.

Medical

Component and prototype supply for diagnostic, lab, and handheld device programs.

Industrial Equipment

Replacement parts, tooling, and custom hardware that keep equipment running.

Automotive

From prototype brackets to bridge-production housings, built to your drawings.

Not listed?

If it is machined, molded, cast, printed, or formed, send it over and we will review it.

QUALITY

Parts are produced at ISO 9001 certified manufacturing facilities, with IATF 16949 (automotive) and ISO 13485 (medical) certified facilities available. Every quote includes an automated DFM review.

WHAT TO SEND FOR A QUOTE

- 3D model (STEP or IGES)
- 2D drawing (PDF) with tolerances
- Material and finish
- Quantity per revision (no minimum)
- Target delivery date

Get a DFM-Reviewed Quote

Upload a STEP file or drawing at masafabworks.com

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