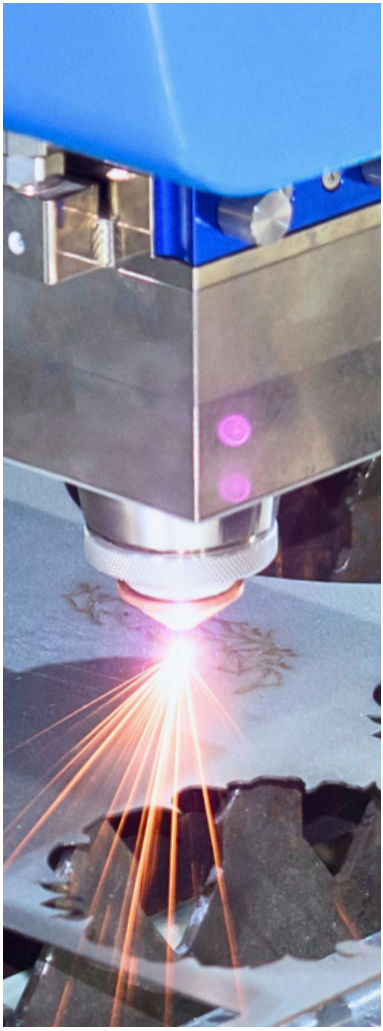
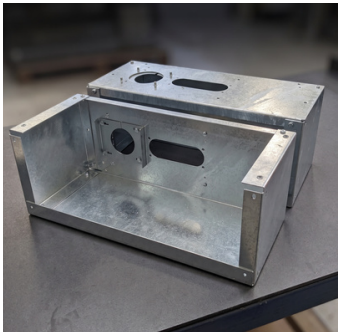
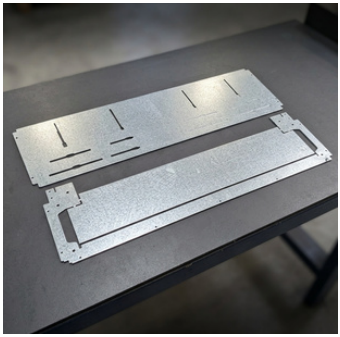
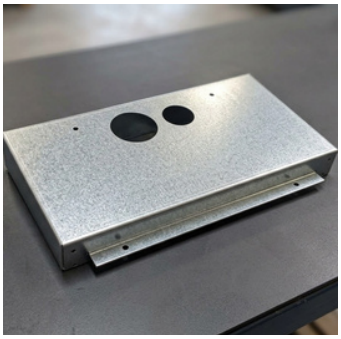










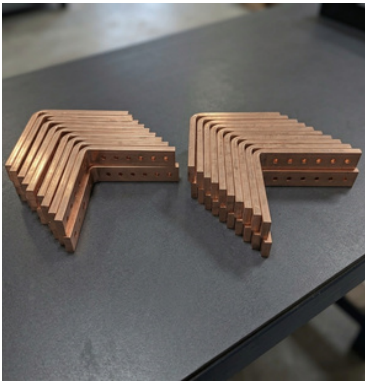


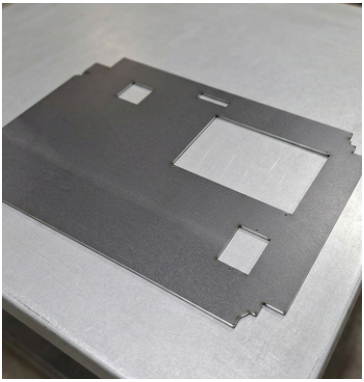
PRECISION SHEET METAL FABRICATION

Custom sheet metal enclosures, parts, and assemblies. We handle the entire process in house from CAD design and prototyping to high volume serial production.

ARMETLINA











01 DESIGN & ENGINEERING

CAD Design: 3D modeling of enclosures and parts in SolidWorks.
Prototyping & serial production: Scalable manufacturing from single test units to full production runs.

02 PRIMARY PROCESSING: CUTTING & PUNCHING

Primapower serial line: Automated laser cutting, punching, and bending for mild/galv steel and aluminum (0.5–8 mm).
Laser cutting: 3000 × 1500 mm sheet capacity — up to 25 mm (mild/galv, stainless, alu) and 10 mm (bronze, copper).
CNC punching: Custom holes, cutouts, vents, and formed shapes.
Shearing & cutting: Sheet metal, tubes, and solid rods.
Plastic processing: CNC milling, laser cutting, and engraving of various plastics.

03 BENDING & FORMING

Automatic panel bending:
Mild/Galv steel (UTS 410 N/mm²): 0.5–3.2 mm.
Aluminum (UTS 265 N/mm²): 0.5–4 mm.
CNC bending / press brake (2m & 3m):
Mild/Galv steel & Alu: 0.5–6 mm. For 10mm thickness, a V50 matrix is available (max bend length 500mm).

04 HARDWARE & FASTENING

Fastener Installation: Blind rivets, clinch/press-in nuts, and welded threaded studs.
Threading / tapping: Available both before and after galvanizing.
Knockout holes: Custom knockout hole forming.

05 WELDING, CUTTING & ELECTRICAL

Welding services: (MIG/MAG) and Contact (spot) welding for Mild steel, Stainless steel, and Aluminum.
Manual plasma cutting: Custom cuts for various metals.
Busbar fabrication: Cutting, bending, and hole punching.

06 FINISHING, ASSEMBLY & LOGISTICS

In-house powder coating: Full painting line.
Polymerization oven dimensions: 4000×2200×2300mm (L×W×H).
Mechanical assembly: Full enclosure and custom part assembly.
Logistics: Safe packaging and truck loading.

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