Sheet Metal Fabrication

TECHNICAL DATASHEET

Laser cutting, CNC bending, and welding of enclosures, brackets, and structural components — from single parts to production volumes. Integrated finishing preparation means parts arrive ready for paint, powder coat, or assembly.

PROCESS SPECIFICATIONS

Thickness	0.5 – 25 mm
Max sheet	3000 × 1500 mm
Cut tolerance	±0.1 mm
Bend tolerance	±0.2 mm
Processes	Laser · Bend · Weld · Finish

EQUIPMENT CLASSES

Fiber laser cutting	Full-sheet processing with automated material handling
CNC press brakes	Repeatable multi-bend sequences
MIG / TIG welding cells	Jig-fixture weldments
Finishing line	Deburring, surface prep, coating preparation

MATERIALS

Mild steel	Enclosures, brackets, frames
Stainless steel	Food-grade, marine, hygiene applications
Aluminium	Lightweight panels and chassis