ACCUBEAM
LASER ENGRAVING & CUTTING

Products & Services

ABOUT ACCUBEAM

Accubeam is an AS9100D-certified, ITAR-registered contract manufacturer in Sarasota, Florida, in business since 1999. We laser cut, form, grind, machine, engrave and mark parts to print for aerospace, defense, medical, marine, energy, transportation and industrial customers, from prototype to production, with no hard tooling charges.

WHY ACCUBEAM

- Made to print from CAD, DXF, DWG or STEP files
- Fiber, CO2, UV & YAG lasers for nearly any material
- UID/UDI & 2D codes graded & verified
- Cut, form, grind, machine, finish & mark under one roof
- DFARS-compliant & domestic material
- VMI & drop-ship programs
- Fast quoting & fast turnaround

POINT OF CONTACT

Tom Johanning
941-371-2104 x122
Tom@accubeam.com
1735 Apex Rd, Sarasota, FL 34240
accubeam.com

FEATURED PRODUCTS



Nameplates, Tags & ID Plates

- Stainless, aluminum, titanium & plastics
- Deep engraving or anneal marking
- UID, UDI & 2D codes, graded



TESA Secure Labels

- Tamper-evident, two-layer acrylic
- Resist UV, chemicals & abrasion
- IUID, UDI & asset labels



Busbars

- Copper & aluminum, cut & formed
- Plating & insulation via finishers
- Phase & part numbers marked



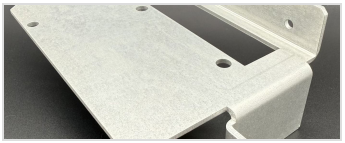
Custom Gaskets & Seals

- Silicone, Viton™, EPDM, neoprene, cork
- EMI/RFI & environmental
- No die costs, cut from CAD



Precision Metal Shims

- Stainless, brass, copper, titanium
- Inconel, Monel & Hastelloy
- Ground to ±0.001"



Brackets & Formed Parts

- 6kW fiber laser, up to 1" thick
- 100-ton TRUMPF press brake
- Inserts installed, marked



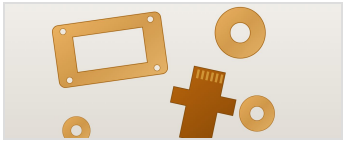
Enclosures, Chassis & Rack Parts

- Electronics & power enclosures
- Data center rack sheet metal
- Covers, panels & brackets



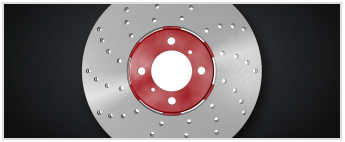
Instrument & Control Panels

- Acrylic, metal & plastics
- Cut & engraved up to 48" × 48"
- Back-lit legends



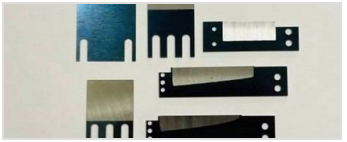
Kapton® & Cirlex® Insulators

- UV & CO2 laser cut
- Washers, insulators, flex parts
- No tooling, clean edges



Brake Rotors

- Precision ground on a 60" table
- Laser cut & ground to print
- Any metal, mostly alloy steel



Machine Blades & Knives

- Shear, slitter, paper & granulator
- Work rest blades for centerless
- Made to print or from a sample



Custom Spanner Wrenches & Tools

- Stainless, spring & tool steel
- Tight, repeatable tolerances
- Logos & part numbers engraved



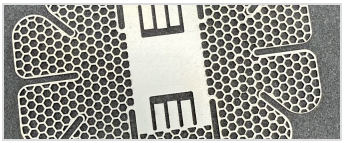
Armor & Wear Plate

- AR400 & AR500 plate
- Liners, guards & cutting edges
- Heat numbers & UID marked



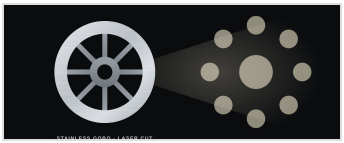
Machine Bases & Fixture Plates

- Blanchard ground flat & parallel
- Straightened & shimmed first
- Holes & pockets machined



Screens & Perforated Parts

- Fine perforations in thin metal
- Medical & industrial screens
- Stainless & specialty alloys



Gobos, Drinkware & Gifts

- Stainless gobo light stencils
- Engraved tumblers & canteens
- Awards & corporate gifts

JCP Joint Certification Program
Federal Firearms Licensed Manufacturer
ISO 9001 2015 CERTIFIED
AS9100D CERTIFIED ISO 9001
ITAR Registered International Traffic in Arms Regulations
SBA

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QUALITY & COMPLIANCE

- AS9100D & ISO 9001:2015, certified by NSF-ISR
- ITAR registered with DDTC
- CMMC Level 1, with Level 2 in progress
- FFL Type 07 with SOT
- AS9102 First Article Inspection
- Cognex code grading; Keyence CMM & image measurement

KEY EQUIPMENT

- TRUMPF TruLaser 1030 6kW fiber, 5' × 10'
- IPG 4kW fiber laser, 48" × 48"
- TRUMPF TruBend 2100, 100 tons
- Blanchard grinders, 60" & 36"
- MVM vertical spindle grinders, 180" × 12"
- HAAS VF3 CNC mill
- Fiber, UV, CO2 & YAG marking lasers

COMPANY CODES

DUNS# 151182370 | **CAGE:** 5V1B1
NAICS: 332322 | 332510 | 339991 | 332812 | 332313 | 332710 | 339950 | 332994 | 336413 | 336419 | 332999 | 339999

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CORE SERVICES



Laser Cutting

- TRUMPF 6kW fiber, 5' × 10', up to 1"
- IPG 4kW fiber for thin parts & shims
- CO2 & UV: plastics, Kapton®, fabrics, wood, paper, PPE



Laser Marking & Engraving

- Metal, plastic & deep engraving
- Circumferential & rotary marking
- Ablation through anodize, paint & CARC



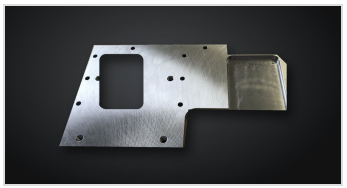
UID / UDI Marking & Verification

- MIL-STD-130 IUID & AS9132
- FDA UDI (21 CFR 801) marking
- Graded with Cognex, scan reports



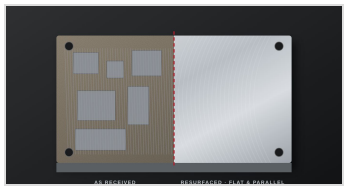
Sheet Metal Bending & Fabrication

- TRUMPF TruBend 2100, 100 tons
- 120" bending length
- Flat patterns from your models



Blanchard & Surface Grinding

- Blanchard 60" & 36"; ±0.001"
- Straightening & shimming
- Brake rotor resurfacing



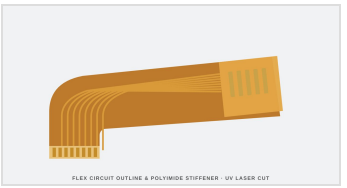
3D Printer Build Plate Resurfacing

- Residue & supports ground off
- Flat & parallel, any thickness
- Thickness tracked each cycle



Precision CNC Machining

- HAAS VF3 3-axis machining
- Features machined after cutting
- Threaded inserts installed



Kapton® & Cirlex® Cutting

- Polyimide film & laminate
- UV laser for fine features
- Prototypes to production

MORE SERVICES

Firearm & NFA Engraving
FFL Type 07 with SOT: serial, manufacturer, trust and custom engraving

Special Processes
Anodize, passivation, plating, paint and CARC through Nadcap-accredited and approved finishers

Blade Sharpening
Shear, slitter and paper knives reground up to 180" long, with priority weekend service

Inspection & Documentation
Keyence CMM and image measurement, AS9102 FAI, C of C, material certs

Industrial Metal Finishing
Vibratory, deburring, blasting, sanding and edge rounding

Artwork & Design Services
Font, layout and vector conversion for marking and engraving

Architectural & Large-Format Etching
Signage and panels in bronze, steel, stone, wood and glass

Vendor Managed Inventory
Stocking, kanban, kitting and drop-ship programs