Centrally located in Allen, Texas, our 86,000-square foot facility is equipped with the industry's most advanced equipment and state-of-the-art technology, enabling us to offer clients cost effective solutions for both prototype and production jobs. We offer CNC laser cutting, punching, forming and machining, certified welding, painting, electro mechanical assembly, and more.

ALL METALS FABRICATING

AMETALS.COM
Established 1953

LASER CUTTING

(1) Laser/Punch Combo - Trumpf Trumatic 1000 3KW Fiber
(1) Trumpf 5030 TruLaser 8000W Fiber laser with Liftmaster for auto load/unload & 2 Truestore tower for lights-out production
(1) Bystronic Bystar 3015 Precision Laser with 6000W Resonator

SHEET METAL FORMING & PRESS BRAKE FORMING

(1)   Trumpf TruBend Robotic Bending Cell 7000
(1) Trumpf 7030 Trubend Center (Panel Bender)
(4) Amada RG50 6' 55-ton Press Brake
(1) Amada RG100 10' 110-ton Press Brake
(1) Amada HFE1304 14' 150-ton Press Brake
(1) Amada HDS 1303 NT 10' 130-ton Hydraulic Press Brake
(1) Di-Acro 6' 35-ton Press Brake
(1) Di-Acro 14' 150-ton Press Brake

GRAINING & DEBURRING

(1) Lissmac SBM-M 1500 S2 Deburring Machine
(1) Midwest Mini 9 graining Machine
(1) Pauli & Griffen Sandblaster
(2) Rock Tumbling Machines
(1) Midwest Nautilus 3775 N3 - 3 head

WELDING

(1) OTL DA-300P T16 Welder
(1) Capital FD-V6 Standard Arc Welding Robot
(1) OTL DA-300P T16 Welder
(4) Millermatic 250 MIG Welder
(2) Millermatic 350 MIG Welder (set up for Aluminum)
(1) Millermatic 252 MIG Welder
(1) Spectrum 625 Xtreme Welder (for Plasma cutting up to 5/8″ thick)
(6) Miller Sychrowave 350 LX TIG Welder
(1) Atomic 150kVA Spot Welder
(1) Amada 80kVA Spot Welder
(1) IPG 2500W Fiber Laser Welder
(2) Fronius A-4600 Plasma Welder
(1) HY-3000W Lithium Ion Battery Module Welding Cell

NOTCHERS

(1) Haeger Corner Notcher
(1) Pro-Notch Notcher

QUALITY CONTROL

(1) Faro Arm Model 233 Portable Coordinate Measuring Machine
(1) Faro Arm Model S08-02 Portable Coordinate Measuring Machine
(1) Inspecvision Planar Measuring System
(1) Zeiss CMM SPECTRUM 7/10/6 RDS
(1) Keyence IM 7500 Instant Measuring

ELECTRICAL WIRING

Automated Wire Cutting / Stripping Equipment:
Carpenter Manufacturing Model 97A Automatic Cut and Strip Machine for handling wire sizes from 32 AWG up to 8 AWG.
Carpenter Manufacturing Model 36A Compu-Cut Machine handling tubing and wire up to 1" in diameter.
Carpenter Manufacturing Model 58B Wire Prefeed & Dereeler automatically handling wire and tubing up to 7/16" diameter.
Carpenter Manufacturing Model 72C Large Wire Stripper handling wire sizes up to ¾" diameter.
Automated Terminal Crimping Equipment:
Pico Corporation Model 500 Pneumatic Crimping Machine capable of handling wire sizes from No. 22 thru 250 MCM.
K.S. Terminals Model KM-70 for all wire termination connectorsHand tools for many other terminals not included in the capabilities above.
Testing Equipment:
(3) Hi-Pot / Continuity testers

TUBE LASER CUTTING

(1) Bodor T230 2Kw Tube Laser

PUNCHING

(2) Amada EMK3610 50-ton NT CNC Turret Punch Press with Brush Table
(1) Euromac XP750/50 Punch

CNC MACHINING

(1) NLX 2500SY Dual Spindle Lathe with 4th axis machining
(1) Leadwell V-40iT 5-Axis Machining Center
(1) Kitamura 2XD Sparkchanger
(1) Kitamura 4XID
(1) Kitamura HX400if Horizontal Machining Center
(1) Leadwell V Series V20
(1) Leadwell V Series V60
(1) Leadwell MCV1000AP Milling Machine

(1) Leadwell LTC 25 AM Lathe (Lathe with live tooling capabilities)
(1) Hitachi Seiki Hitec-Turn 23J Lathe
(1) Elgin Manual Production Lathe
(1) Shenjey SJ-17606 Manual Lathe
(1) Bridgeport Mill

ROLL FORMING

(1) Sesco 2824 5" Power Roller
(1) Tennsmith SR48 4" Hand Roller
(1) Tennsmith SR24 2" Hand Roller
(1) Di-Acro 24 2" Hand Roller

SHEARING

(1) Accushear 10'
(1) Wysong Power Squaring Shear

SAWS

(1) Marvel 38A-PC60 Fully Automatic Vertical TiH-Frame Band Saw
(1) Wells 8M138 Band Saw
(1) Scotchman Cutoff Saw

MARKING EQUIPMENT

(1) Bodor Laser Marking Machine
(1) Keyence Inkjet
(1) Markem Inkjet

HARDWARE INSERTION

(5) Haeger 824 Robotic Hardware Machines

PAINTING & POWDER COATING

(1) Rohner Oven: 12'x8'x8'
(1) Colmet Natural Gas Oven: 10'x10'x10'
(1) Colmet Powder Booth: 10'x10'x12.5'
(1) Colmet Powder Booth: 10'x10'x12.5'
(2) Wagner Prima Sprint Powder Machine and Gun
(1) MG6-F1 Gloss Meter (certified to conform to ASTM standards)
(1) PosiTector Ultrasonic Thickness Gage (for measuring coating thickness. Ultrasound is state of the art)
(1) HunterLab MiniScan EZ Spectrophotometer (for verifying color consistency from job to job)

ENGINEERING & PRODUCT DESIGN

SolidWorks
Paperless Parts Quoting Software
Metamation MetaCam
Bystronic Laser Software
FabriWin CNC Punch Software
GibbsCam CAD/CAM Software