



EQUIPMENT LIST

100,000 sq ft Secured Manufacturing Facility

CATEGORY	EQUIPMENT	SPECIFICATIONS / NOTES
Laser Cutting	6kW Ermaksan Fiber Laser	6' x 12' cutting bed; steel, stainless, aluminum
	Automated Sheet Loading	High-volume material handling
	Nesting Software	Optimized material utilization
Tube Laser	6kW HSG TS2 Tube Laser	Round up to 10.75" dia.; square up to 8.66"
	Dual Intelligent Chucks	Tube length up to 21'
	Automated Loading System	460 ft/min linkage speed
Tube Processing	CNC Tube Bender	Round, square, rectangular profiles
	End Forming Equipment	Swaging, flaring
	Tube Cutting Systems	Production-ready tube fabrication
Forming	200-Ton Press Brake	Complex bends, tight tolerances
	Plate Rolling	Up to 8' x 3/8"
	Back Gauge Systems	Repeatable geometry
CNC Machining	5-Axis CNC Router	10' x 30' table
	Vertical Machining Centers	3, 4, 5-axis platforms
	CNC Turning Centers	Up to 16.8" dia. x 61" length
Welding	TIG Welding Systems	AWS-certified; aluminum, steel, stainless, Inconel, titanium
	MIG Welding Systems	40+ stations; structural & aerospace
Laser Welding	Fiber Laser Welding System	Minimal heat distortion, thin gauge
	Precision Fixturing	Hermetic seals, tight tolerances
Saw Cutting	Automated Band Saws	Bar, plate, tubing, structural
	Manual Band Saws	Precise length control
	Material Handling Systems	High-volume kit cutting
Assembly	Large Assembly Fixtures	Build-to-print, design-to-spec
	Small Assembly Stations	Kitting and sub-assembly
	Functional Test Equipment	Pre-ship validation
Paint & Coat	16' x 40' Paint Booth	Epoxy, primer, durability coatings
	Powder Coating Line	Corrosion protection, cosmetic finish
	Surface Prep Equipment	EMI shielding coatings, mil-spec
Composites	Vacuum Forming Systems	Composite and bonded panel production
	Composite Layup Stations	Carbon fiber and hybrid layups
Additive Mfg	Roboze Argo 500 (x2)	High-performance polymer additive

11 Categories | 40+ Welding Stations | AS9100D, ISO 9001, ITAR, HUBZone, AWS | Multi-shift surge within 7 days

Actively expanding capacity — additional equipment coming online in 2026 to support growing program demand.