

Certifications	AS 9100 ▪ ISO 9001 ▪ ISO 14001		
	ITAR Registered		
	 		
Software	Solidworks CAD SMP Merry Mechanization Nestmaster Nesting Software	VPSS 4ie Blank VPSS 4ie Bend Cross	Extensive Tooling Library Togu Manual Tool Grinder (Wet) Togu III Automatic Tool Grinder (Wet) NCT3 Turret Tapping Tools
CNC Laser & Punch <i>Material Thickness 0.012 to 1 inch</i> <i>"Lights Out" Capability</i>	Amada FOMII 3015NT 4KW Laser Capacity: 60" X 120" Sheet Size Max Mat'l Thickness: Steel: 1" ▪ Stainless Steel: 5/8" ▪ Aluminum: 1/2" M5-F1500 Nitrogen Generator – 60 HP VSD ASLUL 8-Shelf Integrated Load/Unload Mat'l Storage Capacity: 50,000# Amada EML-K 3610 4KW Laser/Punch Combo 58 Station, 4 A/I – 1800 Hits Per Minute M5-F750 Nitrogen Generator – 30 HP VSD 3 Shelf RMP 510 - TK Parts Picker - Integrated Load/Unload Capacity: 16,000 Pounds Material / 60" X 120" Sheet Size Amada Vipros 358K 58 Station, 4 A/I – 700 Hits Per Minute 04PC Control 6 Shelf ASR 410 Integrated Load/Unload Capacity: 28,000 Pounds Material / 50" X 120" Sheet Size Amada Vipros 358K 58 Station, 4 A/I – 700 Hits Per Minute 18P Control 2 Shelf MP 1530 Integrated Load/Unload Capacity: 10,000 Pounds Material / 50" X 120" Sheet Size Amada Pega 345 58 Station, A/I – 300 Hits Per Minute 6M Control Stand Alone/MP Ready		
Press Brake <i>CNC Control</i>	1 - Amada FAB III CNC 1253 - 10' - 8 Axis ~ Repeatability of ± 0.0004 1 - Amada HFB 110 Ton Press Brake - 10' - 8 Axis ~ Repeatability of ± 0.0004 1 - Amada HFE 110 Ton Press Brake - 10' - 8 Axis ~ Repeatability of ± 0.0004 1 - Amada FBD-8025 Press Brake - 8' - 88 ton - 8 Axis ~ Repeatability of ± 0.0004 1 - Amada RG-100 / 100 Ton Press Brake - 10' - 4 Axis ~ Repeatability of ± 0.0004 1 - Amada RG-80 / 88 Ton Press Brake - 8' - 4 Axis ~ Repeatability of ± 0.0004 2 - Amada RG-50 / 55 Ton Press Brake - 6' - 4 Axis ~ Repeatability of ± 0.0004		
Powder Coat <i>425-Ft Motorized Conveyor Line with 5-Stage Prewash</i> Water Treatment	NORDSON 15750 CFM COLORMAX 2 HYBRID BOOTH 10-Minute Color Change ▪ Integrated Powder Reclamation System 3' X 5' Part Opening SPRAY GUNS: 10 Automatic Guns / 3 Manual Gun Stations CONVEYOR: Coats 125 Lbs/Foot (50' X 85') CLEANING: 5-Stage Washer (Clean Phosphate, Iron Phosphate, 2 Rinses, Hot Seal) OVEN: Dry-Off & Cure WATER TREATMENT SYSTEM Reverse Osmosis Water Treatment System – 10 GPM De-Ionized Rinse Water Recycle System – 10 GPM Evaporator – 18 GPH		

Hardware	5 - Haeger 824 Insertion Machines - <i>Auto Feed</i> 4 - Haeger 618 Insertion Machines - <i>Auto Feed</i>
Welding <i>Robotic & Manual</i> <i>AWS-Certified Welders</i>	"2-Station" OTC / FD-V6L Robotic Welding Cell – Stainless, Aluminum, Steel 4 - Semi-Automatic Wire Feed Welding Machines (MIG) 3 - Gas Tungsten Arc Welding Machines (TIG) 2 - 4' x 8' Precision Jig Table with Fixturing
Spot Welding Stud Welding	1 - Spot Welder 100 KVA/Rectifier 0.187 AL Max. - <i>24" Throat</i> 1 - Spot Welder 100 KVA - 24" Throat 0.090 AL Max. - <i>0.25 Max CRS</i> 1 - Spot Welder 75 KVA - 24" Throat 0.060 AL Max. - <i>0.187 Max CRS</i> 2 - Stud Welders
Machining Shearing	1 - Jet Geared Head Engine Lathe - <i>19" x 40"</i> 1 - Bridgeport Vertical Milling Machine - <i>9" x 48" Table</i> 1 - Amada Horizontal Production Band Saw HA-250 - <i>Auto Feed</i> 1 - 100 Ton Hydraulic Vertical Press 4 - Drill Presses 8 - Tapping Heads 1 - LVD Hydraulic Shear - <i>10'</i>
Deburring & Finishing	2 - Vibratory Tumbler Combo Finishing/Drying System 1 - Kendal Ultrasonic Cleaner 2 - Sandblasters (pneumatic) – <i>various media, including glass bead</i> 2 - Torit Dust Collection Systems 1 - Torit Downdraft Sanding Booth 2 - Stroke Sanders - <i>PMC-158-5 / PMC-264-6</i> 1 - Timesaver Heavy Duty Metalworking Grainer/Deburrer - <i>Wet / 37"</i>
Quality Control	AS 9100 • ISO 9001 • ISO 27001 • ISO 14001 VIRTEK Laser QC AFM 1200 scanner 48 x 48 Table 2D & 3D SPC and Quality Reporting / 2D Reverse Engineering / First Article Inspection Reporting Versa Gage Digital Measuring Systems / Calibrated Measuring Tools 4 - Surface Plates
Shop Air	1 - Sullair 50 HP Compressor - <i>Variable Speed Drive</i> 1 - Sullair 25 HP Compressor - <i>Variable Speed Drive</i> 1 - Sullair 15 HP Compressor - <i>Variable Speed Drive</i> 1 - Quincy 60 HP Compressor - <i>Variable Speed Drive</i> 3 - Air Dryers
Handling	3 - Fork Trucks – <i>Capacity: 1 @ 12,000 lbs • 1 @ 6,000 lbs • 1 @ 5,000 lbs</i> 7 - Pallet Trucks – 1 Electric, 6 Manual 2 - Overhead Cranes – <i>5-ton and 3-ton</i> 1 - Electric Hoist – <i>1 ton</i> 1 - Scissor Lift 1 - 2019 Freightliner 26' Box Truck 6 - Loading Docks
Buildings	2 Physical Plants - 1 Manufacturing & Corporate Headquarters (26,568 sq ft) - 1 Manufacturing & Warehouse (9,758 sq ft)