



Synergy Aerospace LLC.

About Us:

Synergy Aerospace LLC was founded in January of 2019 as a Minority/Veteran-owned small business based out of Tulsa Oklahoma. We chose the name Synergy as we feel it best represents the meaning of our vision, owners, and employees. With our combined efforts, we can accomplish more together than we can separately. Our company was formed by a combination of friends with similar interests. As we continue to grow, we will welcome new talented individuals to our organization to help us grow, learn, and better serve our customer base.

We are ISO 9001-2015 AS9100 Rev D, ITAR Certified as well as AMS2770 certified to Heat Treat. We are a build to print Sheetmetal and machine shop servicing the MRO, OEM Production and Defense markets in the aerospace industry.

Software/ Inspection:

- Catia V5
- Esprit
- Solid Works 2018
- Rhino 6
- Romer Infinite 2.0CMM 36" Arm
- Zeiss Contura CMM 1000mm capacity
- PC-DMIS inspection software

Sheet Metal Machines:

- 150 Ton Sheridan ERCO (Skin Stretch Machine)
- 300 Ton Sheridan ERCO (Skin Stretch Machine)
- CEC Drop Bottom Furnace (72"x72"x120")
- SAUDER Drop Bottom Furnace (72"x72"x84")
- LEWCO Aging Oven (60"x60"x72")
- 12' Cincinnati Shear
- 13' DENER 175-40 Press Brake
- 10' Verson Press Break
- 8' Chicago Press Break
- 6' Niagria Press Break
- PHP-3070 Hydro Press 30"x70" (Rubber head)
- 42" Clam Shell Fluid Press
- Sheridan A12 Hufford (Batwing Stretch)
- 2 Walk-In Freezers

CNC Machines:

- HAAS UMC-750SS Vertical Milling Center 30" x 20" x 20" travel, 40 taper -5 Axis



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- Doosan VC630/ 5AX Vertical Milling Center 30" x 25" x 20" travel, 40 taper -5 Axis
- Doosan DBC 130 4 Horizontal Boring Mill 129" x 86" x 78" travel, 50 taper -4 Axis
- HAAS Mini Mill Vertical Milling Center 16" x 12" x 10" travel, 40 taper -4 axis
- HAAS VF-2SS Vertical Mill: 30" x 16" x 20" travel, 40 taper -4 axis
- HAAS VF-2 Vertical Mill: 30" x 16" x 20" travel, 40 taper -4 axis
- (5) HAAS VF-3 Vertical Mill: 40" x 20" x 25" travel, 40 taper -4 axis
- HAAS VF-5 Vertical Mill: 50" x 26" x 25" travel, 50 taper -4 axis
- HAAS VF-7 Vertical Mill: 32" x 84" x 30" travel, 40 taper -4 axis
- HAAS VF-8 Vertical Mill: 40" x 60" x 30" travel, 50 taper -4 axis
- HAAS VF-9 Vertical Mill: 84" x 32" x 30" travel, 40 taper -4 axis
- (3) HAAS EC-400 Horizontal Mill: 20 x 25" x 20", twin Pallet system
- HAAS EC-500 Horizontal Mill: 25 x 28" x 20", twin Pallet system
- (2) HAAS EC-1600 Horizontal Mill: 64 x 50" x 32" – 4 axis
- HAAS TL1 Tool room lathe 6" chuck 8" diameter x 30" length, 16" swing
- HAAS ST-20 Lathe: 8" chuck, 15" diameter x 21" length, 31.75" swing
Attached Servo Bar 300 bar feeder: 3/8" – 2.0" bar diameter, 60" bar length.
- HAAS ST-20 Lathe: 8" chuck, 15" diameter x 21" length, 31.75" swing
Attached IEMCA bar feeder: 3/8" – 2.0" bar diameter, 144" bar length.
- (3) HAAS ST-30 Lathe: 12" chuck, 21" diameter x 26" length, 31.75" swing
- (2) HAAS SL-30 Lathe: 12" chuck, 20" diameter x 25" length, 30" swing
- (4) HAAS ST-40 Lathe: 18" chuck, 25.5" diameter x 44" length, 34.5" swing, 6" thru spindle
- (3) HAAS SL-40 Lathe: 15" chuck, 25.5" diameter x 44" length, 34.5" swing
- DAEWOO LYNX 200: 6" chuck, 14" diameter x 20" length, 14" swing



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- DAEWOO LYNX 220: collet chuck, 2" diameter x 20" length, 14" swing
Attached: SMW 48" bar feed 3/8"-2" capacity
- DAEWOO PUMA 240: 6" chuck, 15" diameter x 18" length
Attached: SMW 48" bar Feed 3/8"-2" capacity
- DAEWOO Puma 350 LB: 15" chuck, 21" diameter x 80" length
- DOOSAN PUMA VT1100M: 40" 3 Jaw Hyd chuck, 48" diameter x 36" length
Live tool Milling 12 station VTL
- (2) DOOSAN PUMA VTS162M: 64" 4 Jaw chuck, 73" diameter x 64" length
Live tool Milling 24 station VTL
- YOUJI YV-600 Vertical Turning Center: 40" 3 Jaw hyd chuck, 36" diameter x 24" length
Live tool Milling 12 station VTL
- YOUJI VTL1000ATC Vertical Turning Center: 43" 4 Jaw chuck, 51" diameter x 41" length
12 station VTL
- HWACHEON Hi-Tech400-AL: 15" chuck, 23" diameter x 48" length
- HWACHEON Hi-Tech550: 15" chuck, 24" diameter x 49" length

For any questions concerning our capabilities and or approvals please contact Eddie Unger

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