

MACHINE SHOP CAPABILITIES

Erickson is a turnkey solution for your most challenging projects. Not everyone is equipped to produce complicated parts and assemblies. However, cold-start manufacturing and complex machining is our core competency. We have the knowledge and experience to support your projects from start to finish.



3, 4 & 5-AXIS MILLING

- 2 Haas VF3
- 1 Haas VF4
- 1 Haas VF5
- 1 Haas VF9
- 1 Haas VF11
- 1 Haas VB1
- 1 Mori Seiki M-300L
- 1 Doosan VCF 850L
- 3 Bridgeport Series I

Our milling machines allow for the production of complex parts, ensuring accuracy in a part and optimized production times. Our mill equipment allows us to machine to close tolerances, meeting the exacting demands of any aerospace part.



GRINDING

- 1 Moore G18 jig grinder
- 1 Okamoto ACC12-24DX
- 1 Parker-Majestic No.2
- 1 Parker-Majestic Combination Int/Ext
- 1 Sunnen MBB-1660 Hone

Erickson has several grinding machines including a jig grinder, and cylindrical and surface grinders. Full range of skillsets for honing, polishing and lapping.



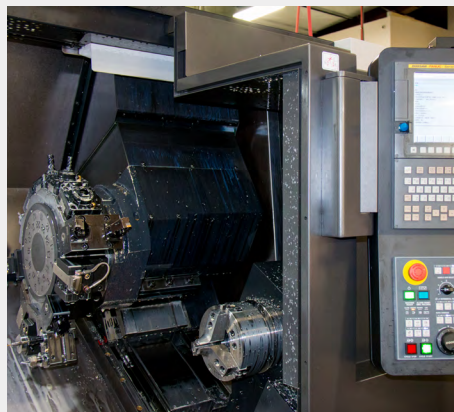
TURNING

- 1 Haas ST45L
- 1 Mori Seiki SL-25
- 1 Clausing/Colchester
- 1 LeBlond Regal

Our turning machines allow for the production of complex parts ensuring accuracy in a part, all while optimizing production times. Our lathe equipment allows us to machine to close tolerances, meeting the exacting demands of any aerospace part.

SAFETY & CERTIFICATIONS

- AS9100D
- ISO 9001:2015
- CRITICAL FLIGHT SAFETY ITEM SUPPLIER
- TIER 1 SUPPLIER
- PART 21 MANUFACTURER



MILL+TURN

- 1 Doosan PUMA 2600SY-II + bar feeder
- 1 Doosan PUMA 700LY

This equipment produces complex machining in a single step, thus increasing value to our customers by building efficiency into the process, and ensures precision in every part.



PORTABLE CMM

- 1 FARO Tracker Vantage E
- 1 FARO Quantum S 2.5m
- 1 FAROBlu SD Laser Line Probe

Using the flexibility of portable inspection and 3D scanning, our teams can rapidly check parts, tools and jigs with precision and accuracy. Our 3D scanner allows rapid reverse engineering of individual features, production tools, and even sample aircraft parts.



TOOLING & ASSEMBLY FIXTURE MANUFACTURING

- Jigs
- Form Blocks
- Weld, Mill, Assembly, etc.
- And much more!

Full range of skillsets to design, manufacture, inspect, and prove-out assembly fixtures and production tooling. Capable of maintaining accountability for all customer-furnished tooling, including internal point-of-use tracking.



3D PRINTING

- 1 Stratasys F900

Precision prototyping and tooling work center, primarily used in fabrication of shop aids, paint maskants and sheet metal form block tooling. Ability to print envelope sizes of up to 24" X 36" X 36". Primary materials include: ASA, ABS, ULTEM 1010, ULTEM 9085 and ULTEM 9085 CG.

CNC MACHINE SPECIFICATIONS (TRAVEL/SIZE LIMITS)

MACHINE	TABLE SIZE	INCHES OF TRAVEL			DEGREES		MAX RPM
		X	Y	Z	C	B	
Haas VF-3	18 X 48	40	20	25	—	—	8,100
Haas VF-4	18 X 52	50	20	25	—	—	7,500
Haas VF-5	23 X 52	50	26	25	—	—	5,000
Haas VF-9	36 X 84	84	40	30	—	—	7,500
Haas VF-11	28 X 120	120	40	30	—	—	10,000
Haas VB-1	59.5 X 126	200	84	40	±220	±120	15,000
Mori-Seiki M-300L	19.7 X 63	63	19.7	18.5	—	—	6,00
Mori-Seiki SL25	—	12.75 dia	—	21.85	—	—	3,500
Doosan PUMA 2600SY-II	—	15.98 dia	—	20.47	—	—	5,000 main spindle 6,000 sub-spindle 5,000 live tooling
Doosan PUMA 700LY	—	29.5 dia	—	127.9	—	—	1,500 main spindle 3,000 live tooling
Doosan VCF 850L	34.3 X 137.8	118.1	33.5	31.5	—	—	12,000
Stratasys F900	24 X 36	36	24	36	—	—	—
Haas GR 510 (ROUTER)	122 X 53	121"	61"	11"	—	—	10,000
Haas ST45L	—	25.5" dia	—	80"	—	—	1,400