



R&D Machine

Precision Machining w/ 3, 4 & 5 Axis Milling
CNC Milling & Turning



www.rdmachine.com

Services

5-Axis Milling
3 & 4 - Axis Milling
Turning
Turning w/ Y-Axis Live Tooling
Metrology
Assembly

Materials

Castings
Forgings
Bar
Plate
Aluminum
Stainless Steel
Engineered Polymers
Tantalum
Titanium

Support

Calypso
Espirit



5-Axis Machining	
5	Haas VF-2 SS w/ 5th Axis
3	Haas VF-4 SS w/ 5th Axis Trunnion
1	Haas VF-6 SS w/ 5th Axis Trunnion

3 & 4-Axis Machining	
2	Haas VF-4B SS w/ 4th Axis
1	Haas VF-4B w/ 4th Axis

Turning	
2	Haas CNC Lathe w/ Y-Axis
3	Haas ST-10 CNC Lathe
2	Haas ST-20 CNC Lathe

Metrology	
2	Zeiss Contura G2 CMM
1	Zeiss Eclipse 500/550/558 CMM
1	Mitutoyo PH-A14 Horizontal Profile Projector
1	Starrett Electronic Height Gauge
1	Mitutoyo Profilometer SJ-410
1	Tesa-Hite Magna

Who We Are

R&D Machine is an AS 9100D, ISO 9001:2015, and ITAR registered manufacturing company specializing in CNC machining of mission-critical metal components for aerospace, defense, and space applications.

We have extensive 5-axis milling capabilities, along with a robust complement of 3 and 4-axis mills and lathes. Our advanced metrology lab includes three state-of-the-art Zeiss coordinate measuring machines for automated measurement of many dimensions per part.

In business since 1992, we specialize in aluminum components with complicated geometries, usually in small to medium size volumes including prototypes. Nearly everything we make is used above the Earth's surface, in either our atmosphere or in outer space.

We are an operating company of Compass Precision based in Charlotte, NC.

Please feel free to contact us with any capability questions you might have.