

D.S.O.

MANUFACTURING Co.

Your Partner In

World Class Manufacturing and Advanced Technology



ISO 9001
Registered

**Quality
Management**



AS 9100
Registered

**Aerospace
and Defense**

Established in 1947 by Bernard Deleo

390 John Downey Drive • New Britain, CT 06051 • Tel: 860.224.2641

www.dsomfg.com

Committed To Being A Partner Through Innovative Technology



Our new Mazak I400 joins our 3 Mazak J400 5 axis Multi-Tasking Machines which continue to bring our customers the most advanced technology to manufacture products with compressed lead times and no accumulative tolerance buildup. These state of the art machine tools will allow us to produce your parts with the quality you expect and deserve. Having the capability to manufacture your parts in a single operation will eliminate the need for costly complicated fixturing resulting in reduced costs.

We Specialize in Machining Difficult Materials

Our seven Makino 4 axis horizontal machining centers allow us to manufacture your requirements with a level of accuracy expected by our customers. Utilizing glass scales and high pressure through the spindle coolant the Makino's are a centerpiece of efficiency for your production needs. High horsepower capability allows DSO to machine the most difficult materials efficiently and accurately, including, heat treated Inconel, titanium, 17-4PH, nitronic, tungsten, 300 and 400 series stainless steels as well as specialty alloys.





The DSO lathe department consists of 7 CNC lathes with turning capacity of 28.4". Our lathe lineup consists of four Mori Seki's, one Nakamura, one Hwacheon, and one Mazak QTN450, along with three manual lathes for secondary or fixturing operations.

DSO also has the ability to turn 27.4" diameter 78.7" between centers on our Hwacheon Hi-Tech 700. The Hwacheon, Nakamura, and Mazak lathes are equipped with high pressure coolant to provide significant advantages in productivity.

DSO Manufacturing Where Quality Meets Innovation

DSO's Vertical Milling Department consists of thirteen Matsuura's from 600's to 1000's, ten of them possessing a 4th axis to provide significant advantages in productivity, accuracy, and flexibility. High pressure through the spindle coolant enhances the versatility of our verticals for drilling high temperature alloys many times diameter with speed and accuracy.



From incoming inspection to final inspection DSO's talented ISO9001/AS9100 certified Team will verify quality at every level. The process often begins with our Behringer CNC saws that can cut different length parts from the same length of bar stock. DSO's Hand Deburring and Grinding Departments may prepare parts for our CNC's or before final inspection.

Our Engineering Department and Quality Control Department are united using Mastercam X9 for both CNC programming and solid model manipulation. Then the Quality Department incorporates the solid model to create a program for our Zeiss Contura Coordinate Measuring Machine.

Last but not least, DSO's Shipping Department will professionally package your finished product making certain you receive your products in perfect condition.



DSO MANUFACTURING

Your Partner in Precision

- One Mazak I400 and Three Mazak J400 Multitasking Machines
- Seven Makino Horizontal 4 Axis Machining Centers
- Thirteen Matsuura Vertical Machining Centers
 - 10 are Four Axis
- Seven CNC Turning Centers- 28.4" Turning Capacity
 - 4 Mori Seiki
 - 1 Nakamura SC450
 - 1 Hwacheon Hi Tech 700
 - 1 Mazak QTN450
- One Zeiss CMM
- One Bendix Cordax CMM
- Two Behringer CNC Cutoff Saws
- Eight Bridgeports
- Three Manual Lathes
- Deburring Department
- Various Surface Grinding Capabilities

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