

Miami Precision Manufacturer of Aerospace and Medical Components Transitions to “One and Done” Technology



Aiolos Group is a quality driven contract manufacturer of critical high precision medical device and aerospace components. Using the latest in Swiss Turning and high precision CNC machining paired with an ISO-13485 certified quality system that ensures they always meet their clients' expectations.

THE CHALLENGE:

Aiolos Group was looking to replace their old equipment and needed to ensure that they partner with the right company; a company that could offer advanced and state of the art cost effective CNC Swiss machines with local support and services.

“A few years ago we had acquired a used Eurotech Swissturn Zeit 42SLY machine. This machine has performed so well and the local service and support we receive from U Tech CNC has been so good that it made our choice easy. We decided to purchase a new SwissTurn, the Gepard 42SLY model,” said Alex Nasio, President of Aiolos Group.



The Eurotech Gepard is a 7-axis Swiss type machine with 5000 rpm on main and sub spindle. It is convertible from guide to non-guide bushing and has C-axis on the main and back spindle.

Mr. Nasio continued, “With both Eurotech’s SwissTurn Zeit and the SwissTurn Gepard, we are able to accomplish an outstanding surface finish and hold tolerances of 0.0002 on our parts. Thanks to the stability of the machines and the magazine bar-feeder, we are able to leave the machine running unattended for long periods of time. Plus, the machine can do parts to 42mm which is a big advantage over the competition.”

“Furthermore with Eurotech’s SwissTurn hybrid capability, we can run rough or ground bars stock effectively. U Tech CNC’s support and service were outstanding during this transition and they continue to be today.”

THE RESULTS

- Parts complete in one operation
- Cost reduction and better quality
- More technology for the price
- U Tech CNC training and service support
- Running 2 shifts, / 6 days a week trouble free
- Lifetime FREE training
- Proprietary set up reduction macros



Aiolos' wide range of Swiss-type turning centers can accommodate smaller than 1mm (0.039”) in diameter implantable medical components to 42mm (1.25”) in diameter aerospace parts. The Eurotech SwissTurn machines can produce parts with an accuracy of 0.0001” and much faster than traditional type CNC lathes.

To learn more about Eurotech SwissTurn, visit www.eurotechelite.com or to contact U Tech CNC, visit www.utechcnc.com.