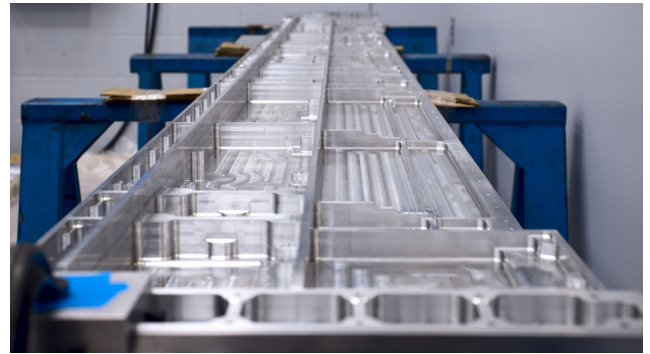




Large CNC Part for Defense Company



EXECUTIVE SUMMARY

Industry: Defense

Company Type: Publicly Traded OEM

Location: Northeast U.S. Region

Capabilities Utilized:

- Large Part Material Handling Equipment
- 13ft Romer Arms
- Skilled CNC Machinists & Programmers
- Program Management

Results:

- Successful prototype
- Production integration

RESULTS:

By utilizing PEKO's proprietary engineering and machining capabilities, the customer was able to achieve tolerances they never had before. This opened the door for the customer to produce even more precision parts for their major mechanical assembly with the reassurance that repeatability in quality was executed and deliveries were made on time.

CHALLENGE:

A leading Prime Contractor for the D.O.D searched the entire USA for a manufacturer that could machine their large parts which were well over 160in. The parts, originally sourced to an incumbent manufacturer, required impressive tight tolerances of .0002in, at some features. PEKO was the only company that had the processes to machine and inspect such parts on-site, in its temperature controlled facilities.

SOLUTION:

PEKO deployed its most seasoned manufacturing engineers and highest skilled machinists to complete these complex parts. PEKO also acquired some of the largest bridge mills the company has purchased to date to fill the OEM's need while reducing bottlenecks for other programs. In order to maintain PEKO's renown quality, unique high-tech inspections techniques were also developed for this program. In the future, PEKO will continue to optimize the programming of these large, precision parts to reduce the number of overall machining passes which will reduce the cost for the customer.

