



CUBIC MACHINERY

Newsletter | April 2017

CONNECT WITH US

Cubic Machinery celebrates 15+ years of collaboration with aerospace electrical connector manufacturers

WE'D LOVE TO SHOW YOU WHAT WE CAN DO.

Cubic has enjoyed recognition from customers in the connector industry for providing them with decisive speed and precision advantage.

As many manufacturing engineers in production environment know, gang tools lathes are a great platform to build tailored solutions on top of and Cubic's GTV CNC gang tool lathe is no exception. One particular area where GTV has enjoyed tremendous success is

in mil-spec and aerospace connector manufacturing. Cubic has worked closely with connector manufacturers in California and other states for over a decade and the collaboration has developed GTV into the ultimate connector 2nd op processing machine. The types of tasks GTV has been proven excellent at are broaching, ramping and cross drilling. The rigidity of the GTV and ultra responsive C-axis spindle sets the foundation for the platform's success



and the close working relationship Cubic enjoys with its customers results in a tight loop to optimize all other aspects of the machine including tool management, workholding, thermal management,

in-process gauging and loading/unloading automation. All to ensure the customers can process the secondary operations as fast as the primary CNC machines can dish out. Cubic however is not resting on its laurel, more solutions are being developed in close consultation with

the connector manufacturers, such as complete robotic automation to manage cells with multiple GTVs and to make part transfers from primary to secondary machines automatic.

If you think you can also benefit from the combination of raw strength of the machines and continuous refinement that Cubic provides to serve a specific production goal please get in touch. We'd love to show you what we can do.

Check out the GTV at **Booth 1057!**



- 7.5HP Spindle Motor
 - ♦ Great for deep and interrupted cuts. Power through even exotic alloys
- 0 RPM to 6,000 RPM in 0.5 Seconds
 - ♦ Fast acceleration and deceleration for responsive ramping
- 787 IPM Rapid Traverse
 - ♦ Utilize the fast rapid traverse to obtain fastest tool changes
- 0.000050" Positional Repeatability at Maximum Traverse Speed
 - ♦ Crucial for keyway and helical broaching
- C-axis: Radial and Axial Milling Capabilities
 - ♦ Pair with pneumatic or electric live tools
- Bar Capacity Options: 1.062"(5C) & 1.654" (16C)
 - ♦ Choice of 5C, 16C or dead-length collet
 - ♦ 3-jaw chuck also available
- Controller Options: FANUC 0iMateTD & FAGOR 8055iTB
- Made in USA

PMTS
2017

PRECISION MACHINING TECHNOLOGY SHOW
April 25–27, 2017
Greater Columbus Convention Center
Columbus, Ohio USA

CO-LOCATED AT PMTS

PC
PARTS CLEANING
EXPO 2017