

# HIGH PRECISION LARGE FORMAT



## CNC CONTRACT MANUFACTURING

T/CCI delivers large scale End-to-End precision machining to your specs.



DESIGN



SUPPLY SOLUTIONS



MACHINING



ASSEMBLY



QUALITY CONTROL



DELIVERY

Our CNC Contract Manufacturing division is a recognized leader for high precision large format: metal turning, milling, drilling and assembly. We understand machining critical components requires a trusted company with a diverse customer base, financial stability and global logistics to relieve risks and procure castings.

Our engineers and skilled professionals have a problem-solving approach and provide quality and expertise end to end—from design and machining through to assembly and delivery. Our facility is fully equipped with advanced computer technology and software to meet your custom needs.

- Medium and Large Machining Capabilities
- Quality and Inspection Expertise
- Advanced Computer Technology
- Productivity Experience
- Experienced Personnel
- Global Logistics
- R&D Lab Test Facility
- Financial Stability



Performance and Durability Count





Our new *Creaform MetraSCAN 750 Elite* allows us to create higher resolution images of your products.



Check out our End to End CNC capabilities in action  
[tccimfg.com/markets/machining-services](http://tccimfg.com/markets/machining-services)

## SOFTWARE:

### Autodesk Product Design Suite Premium 2017

- Autodesk Vault Pro 2017
- Inventor Cam 2015
- Inventor Universal Translator
- Pro E
- PC-DMIS 2014 CAD++
- Polyworks inspector

## T/CCI SELECTED EQUIPMENT LISTS

### MILLING

Manufacturer Weight Limit	Model	X-Axis	Y-Axis	Z-Axis
Kuraki 25,000 lbs.	KBT 15	118 in	90 in	63 in
Kia 22,000 lbs.	KBN 135	118 in	79 in	63 in
Toyoda (2) 11,000 lbs.	1250 SW	86 in	63 in	21 in
Toyoda (2) 11,000 lbs.	1250 SX	86 in	63in	
Toyoda 2000 lbs.	FA800 S	53in	45in	45in
Toyoda 3,300 lbs	FH630 SXI	41.3 in	35.5 in	41.3
Toyoda 35,000 lbs	FH1600Sw5I	118 in	74 in	82 in

### TURNING

Manufacturer	Model	Table Size	Swing	Weight Limit
Hankook	140 VTLE	55 in	63 in	17,000 lbs.
Hankook	160 VTLE	63 in	78 in	22,000 lbs.

### SCREW MACHINES

Manufacturer	Max Dia.
New Britain Swiss	2.5 in

### CMM

Manufacturer	Max Dia.
Zeiss	800 x 600 mm measuring capabilities
Dia	2000 x 3000 mm measuring capabilities
Romer Absolute 7535	3500 mm measuring range
Merra Scan	Accurate to 30 microns

### OTHER

Full Tool Room Capabilities: Lathes, Mills, Grinders, Welders  
 Stress Relief Oven  
 Precision Lapping and Polishing Tools

Performance and Durability Count

