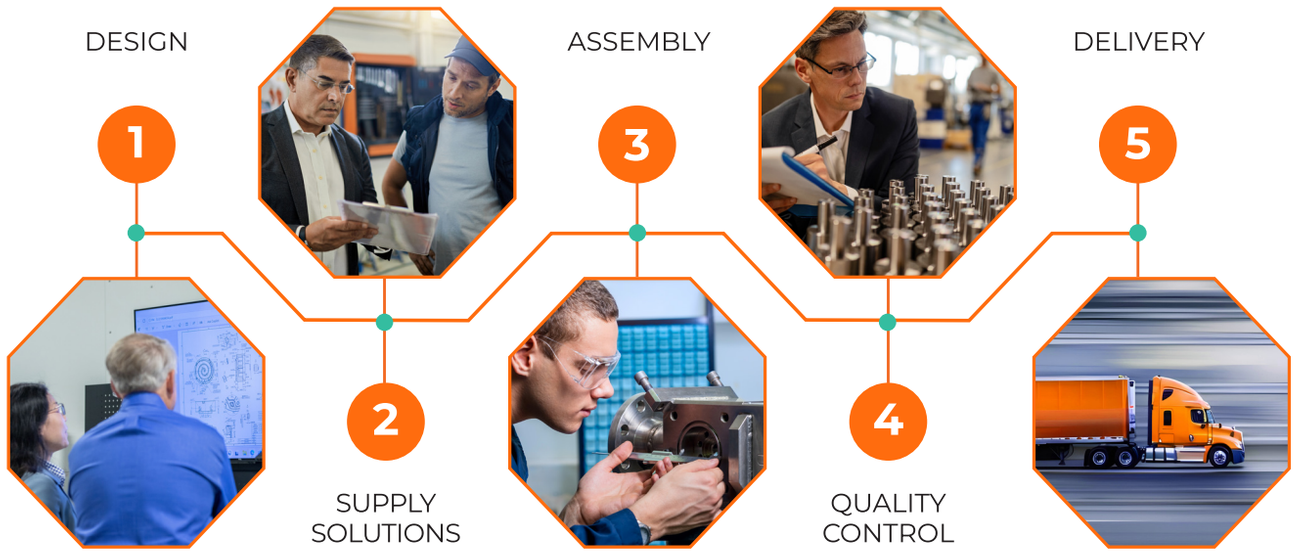
High Precision Large Format

CNC Contract Manufacturing

TCCI delivers large scale End-to-End precision machining to your specs.



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

sales@tccimfg.com

TCCImfg.com

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

TCCI 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.	1,250 SW	86.5 in	59 in	73 in
Toyoda (2) 11,000 lbs.	1,250 SX	86.5 in	63 in	73 in
Toyoda 5,500 lbs.	FA800 S 5,500 lbs.	53 in	45 in	45 in
Toyoda 5,500 lbs.	FH800 SX-I	57 in	49 in	61 in
Toyoda 3,300 lbs.	FH630 SXI	41.3 in	35.5 in	41.3 in
Toyoda 18,000 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.

CMM

Manufacturer	Repeatability	Volumetric Accuracy
Romer RA-7535	0.040 mm	± 0.057 mm
DEA Delta 3406	0.004 mm	0.020 mm
MetraSCAN 750	0.030 mm	0.086 mm

SOFTWARE:

- Enovia 3Dx 2019
- Solidcam 2024
- Inventor Universal Translator
- PC-DMIS 2014 CAD++
- Polyworks inspector

Solid Works 2024

OTHER:

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

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