



- MTCcorp is a privately held corporation located in Fountain Valley, Orange County, California.
- Serves the Aerospace and Ride/Entertainment Industries with Low-volume, specialized manufacturing and engineering support.



**CORE COMPETENCIES:**

**RAPID PROTOTYPING, R&D, ENGINEERING & FABRICATION**

- EXPERIMENTAL, SPECIAL & ADVANCED PROJECTS FOR AEROSPACE & DEFENSE
- PROOF-OF-CONCEPT ARTICLES
- LOW VOLUME PRODUCTION

**COMPOSITE PARTS AND TOOLING**

- ENGINEERING AND DESIGN
- AUTOCLAVE, PREPREG, INFUSION
- COMPLEX SHAPES AND LAMINATES
- CNC-MACHINED COMPOSITES
- STRUCTURAL INSERTS
- SANDWICH PANELS
- HI/LO/MED TEMP. APPLICATIONS
- COMPRESSION MOLDING

**AEROSPACE GLASS - FORMED - TEMPERED**

- COMPLEX CURVATURE
- THERMAL AND CHEMICAL TEMPERING
- TOOLING AND PROCESS DEVELOPMENT
- CNC-MACHINED AND BEVELED GLASS
- AIRCRAFT WINDSHIELD GLASS FACE-PLIES
- LANDING LIGHT LENSES

**PRECISION CNC MACHINING**

- LARGE FORMAT PARTS AND TOOLING  
X=216" Y=137" Z=59"
- METALLICS      • PLASTICS
- COMPOSITES    • GLASS

**EQUIPMENT:**

**Machining. Inspection.**

- ZIMMERMANN FZ37 5 Axis CNC Mill
- ZIMMERMANN FZ33 5 Axis CNC Mill
- ZIMMERMANN FZ32 5 Axis CNC Mill
- FIDIA Hi Speed 3+2 Axis CNC Mill
- KAO MING 3016 3 Axis CNC Mill
- FADAL 3 Axis CNC Mills (Qty:2)
- LEICA Absolute Tracker System
- API - 7 Axis Portable Measuring Arm
- Granite Inspection Tables (Qty:3)
- Doosan DNM 5700s
- Doosan DNM 6700
- CMS Ares 4818

**SOFTWARE**



**Composites Fabrication**

- Autoclave 10' x 20', Nitrogen-capable
- Walk-in Oven (programmable controls, TC feedback, data logging, vacuum ports)
- Controlled Environment Fabrication Areas
- EASTMAN CNC Cutting Table
- 6,400 cu.ft. frozen storage on-site
- Down-draft Booths for trimming (Qty: 3)

**Glass Machining, Forming and Tempering**

- IANUA Bend and Temper Furnace
- GLASS ROBOTS Bending Furnace
- CMS Speed 24MB 3 Axis machining center
- Silk Screening Station
- Glass inspection room with wall grid and inspection lighting

**Metal Forming. Fabrication.**

- OMAX 60120 Water Jet
- Roll-Forming
- Press Brake – Bump Forming
- Surface Plates (QTY:3)
- BLUCO Fab/Jig Tables (QTY:2)
- Metal-shaping

**CERTIFICATIONS:**

- AS9100 REV D, ISO 9001: 2015
- Cage Code: 8CMA8

**NAICS Codes:**

- Glass 327215
- Composites 335991
- Machining 332710
- Aerospace 336413





