

Talan Industries LLC Manufacturing Division

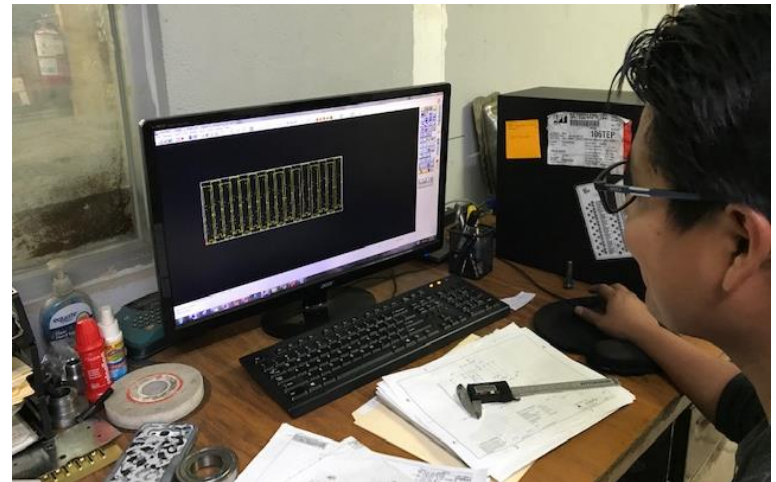
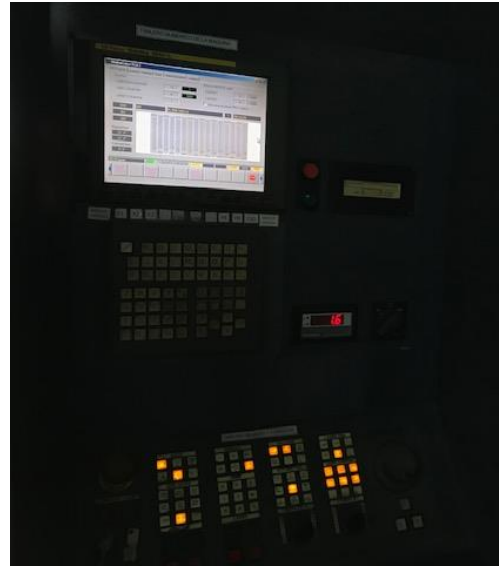
Cage Code 7PEZ4

- **Radiator Manufacturing in Nuevo Laredo, Mexico – Majority of Parts Coming From USA and Qualifying Countries**
- **45,000 Sq. Ft Facility**
- **Specializing in Copper, Brass and Steel Construction of Radiators, Radiator Cores, Radiator Accessories – tanks, surge tanks, Charge Air Coolers and AC Condensers**
- **135 Full Time Staff – Heat Rejection Engineer, Mechanical Engineers, Physical Engineers**
- **Provider to United States Department of Defense, OEM and Private Industry**

- **State of the Art Testing Facility – Burst Pressure, Leak, Corrosion, etc.**
- **Manufacturing Meets US EPA and Employee Safety Standards. No Child Labor at any Steps of the Process**
- **Test and Quality System AS9003**
- **Finishing Based on Clients Needs**
- **Manufacturing Tailored to Meet Clients Specific Needs and Specs**
- **Small Business Set Aside**

Engineering / Design

Engineering / Design: Engineers utilize both AutoCAD and Solidworks. CAM2000 is utilized for CNC equipment and CADMAN for CNC Press Brakes.



Core Assembly

Core Tubes:
Brass strip is roll
formed, solder
coated and cut to
length.



CT Style or Flat Fin:
Copper strip is fed
into the machine tools
resulting in the
finished fin.



Core Assembly

Core Assembly:
Copper fins and brass tubes are stacked onto a core fixture table and strapped together.



Header Installation:
Headers are installed onto cores completing the core assembly.



Stamping / Presses

Part fabrication is done on various machinery; Amada punch presses, Mechanical Presses and Hydraulic Presses. All have capability of both large and small parts.



Stamping / Presses / Shearing



Fabrication

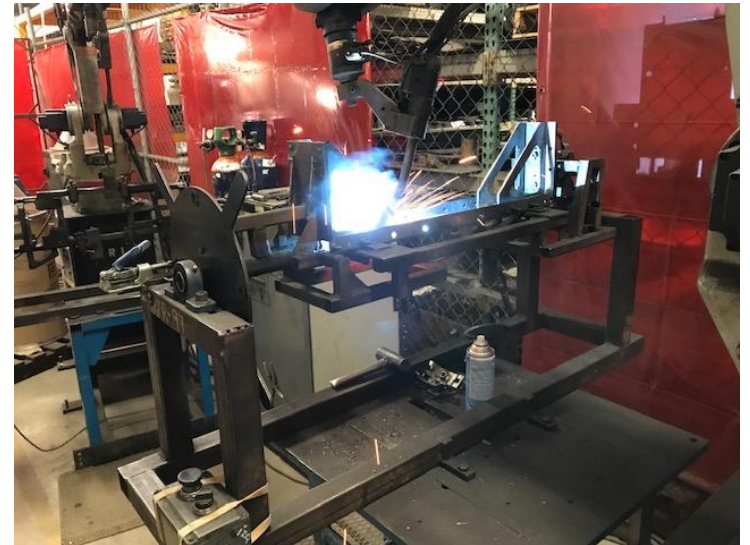
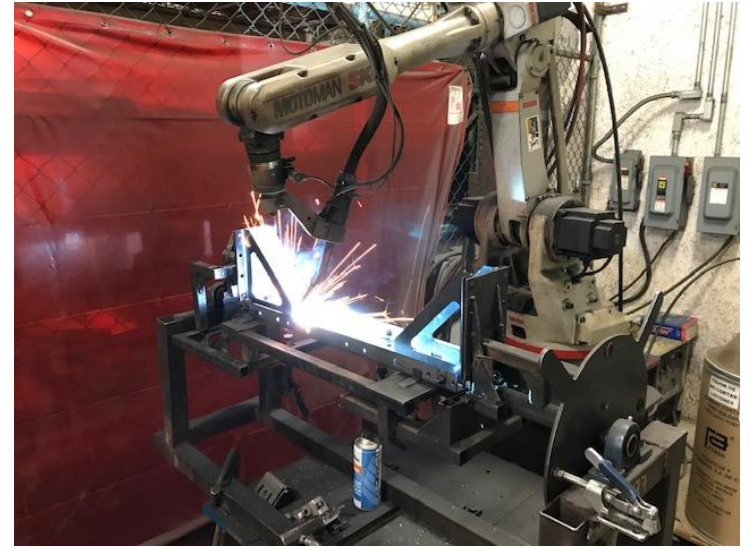


Fabrication Capability:
LVD 2K Watt Laser Work Center,
LVD CNC 3-Axis Press Brakes.



Robotic Welding

Robot Work Stations: Programmable for repetitive production needs.



Welding and Fabrication

Welding Stations: Operators Mig Weld metal parts for both production and custom order parts.



Core Bake / Radiator Assembly

Core Bake: Cores are baked in either of 2 ovens. Hanging Conveyor or flat conveyor.



Radiator Assembly:
Radiators are assembled in Soldering Stations for solder type radiator or Bolt On Jigs for Bolt type radiators.



Testing

Radiator Testing: All radiators are leak tested by completely submerging the radiator under pressure to verify that the part does not leak.



Fabricated Radiator Tanks: All tanks are tested for leaks prior to assembly or shipment.

Paint and Packaging

Paint: Radiators are painted in a hanging conveyor preheat / curing oven.



Packaging:
Radiators are boxed and labeled then sent to the Shipping Area.



Tool/Machine Shop



Tool/Machine Shop: Capable of making / repairing tooling. CNC Machine Center, Mills, Lathe, Surface Grinder.



Stock Room





Talan Industries LLC

Cage Code 7PEZ4

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Todd Hanks

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Manufacturing Plant

Nuevo Laredo, Mexico 88190

Repair Facility

Riverview, MI 48174