

MANUFACTURING CAPABILITIES

A state-of-the-art manufacturing facility for a variety of industrial manufacturing needs



an AEGION[®] company

MANUFACTURING CAPABILITIES

CRTS, Inc. is known for its dedication to the corrosion control industry, and it is also home to state-of-the-art machinery including a water jet, CNC machines and CNC press brake. All parts are inspected to customer-supplied print by our quality department to ensure parts are manufactured to specified dimensions. This includes a first article inspection for each operation performed and a final inspection to verify accuracy of completed parts. Calibration is maintained on all inspection equipment to ensure the highest level of accuracy is maintained.

Water Jet Capabilities

High-pressure water and an abrasive media cuts objects from various materials to form one-dimensional pattern.

- Precision cuts on aluminum, phenolics, carbon, stainless steel, delrin, neoprene and lexan sheets
- Rubber and graphite gaskets
- Electrical panels, heavy steel
- CNC nesting and complex parts
- Accuracy +/- .006"
- High precision kerf correcting head
- DXF file interpretation
- All parts are de-burred prior to inspection

CNC Machine Capabilities

Computerized numerical control (CNC) allows an operator to machine parts quickly and efficiently.

- Dot peen part marking
- Heavy steel machining
- Complex parts
- High speed and high torque capabilities

Welding and Assembly Capabilities

Welding solutions for most operations from smaller, more precise weldments to large structural weldments.

- Fixturing/stands
- Hard wire, flux core and tig
- Sheet metal to heavy frames
- Aluminum and stainless steel capabilities

An ISO 9001:2008 Certified Company



Lathe Capabilities

Lathes are CNC-programmable and can machine most round or cylindrical objects.

- ID and OD Threading
- 16-inch OD max, 48-inch max length of cut
- Capable of machining both common and exotic alloys
- Capable of machining complex and detailed parts

Brake Capabilities

The press brake creates a two-dimensional sheet metal object from a one-dimensional object.

- CNC bending
- Complex shapes
- Brake rolling



an AEGION[®] company

CRTS, Inc.
1807 N. 170th E. Avenue
Tulsa, OK 74116
918.877.5210
www.coatingrobotics.com