

# Injection Molding



R & S Technologies specializes in injection molding short production runs that most molders would not be willing or able to undertake economically.

- Molding of materials such as nylon, Delrin®, polycarbonate, and ABS.
- Parts up to 8 oz. in weight.
- Ability to run quantities that range from 50 parts to several thousand parts.
- On smaller parts we utilize insert tooling (see right hand picture above) whenever possible to make small runs of parts feasible and economical to mold.

## Location

Located in Bellevue, Ohio, R & S Technologies, Inc. has been in business since 1985. Starting out doing only injection molding, we have expanded our capabilities to include CNC Machining and Abrasive Waterjet cutting.



As our capabilities have expanded so has our manufacturing facility and workforce. Our 14,000 sq. ft. facility is well equipped to handle your requirements in the CNC machining, Abrasive Waterjet cutting, welding, and custom injection molding.

Call us at 419-483-3691 or visit our website at [www.r-s-t-inc.com](http://www.r-s-t-inc.com)



**R&S TECHNOLOGIES, INC.**

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**CNC MACHINING & WATERJET CUTTING**

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**R&S Technologies, Inc.**

A full service machine shop that offers a wide range of machining solutions.

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**TURNING NEEDS INTO PARTS.**



## CNC Machining



**R & S Technologies is equipped to meet your machining needs with services that include:**

- CNC lathes and machining centers for turning and milling many types of materials such as stainless steel, aluminum, carbon steel and plastics.
- Any quantity from one piece to production runs of thousands of pieces.
- A generous stock of raw materials for a quick response to urgent needs.
- Cam software for programming equipment with translation capabilities for all major CAD formats allowing us to use your geometry (via disk or e-mail) to manufacture your parts.
- Keyseat cutting.
- Automated drilling and tapping.
- Finishing of metal parts by tumbling or glass beading.

These capabilities coupled with over thirty years of engineering and manufacturing experience help make us uniquely prepared to handle a wide variety of machining requirements.

## Capabilities

- Turning
- Milling
- Water Jet Cutting
- Key Way Broaching
- Sawing



## Yokes & Rollers



Discharge yokes were developed by R & S Technologies. This product offers many advantages over typical methods such as bullet noses or discharge

shafts. One advantage is you do not need to stock or make multiple bullet noses or shafts for different belts. Discharge yokes are adjustable so you can place them anywhere on the assembly. Also, you can change the quantity per assembly to match the spaces of the particular belt you are using. Another advantage is the rotating collar on each yoke. This reduces the load on the belt as it travels around the yoke, which in turn increases the life of your belt. Yokes are available in many configurations and also pre-assembled to your specifications and ready to install.



## Sprockets & Collars

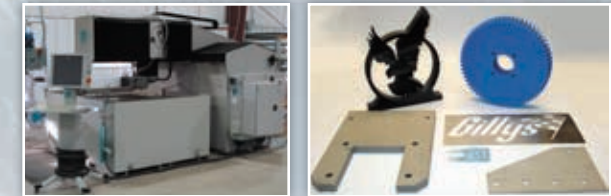


We produce a comprehensive selection of wire belt style sprockets, collars, rollers, and other items for your material handling needs. Many options are available such as keyways, special and metric bores, and tapped holes in many inch and metric sizes. If you have a special requirement, we can help.

Drive Sprockets and Collars are available for the following wire belt pitches: 1/8", 1/4", 3/8", 1/2", and 5/8".

We can also supply you with a complete drive shaft assembly made to your specifications. Simply let us know your requirements and we'll take it from there.

## WaterJet Cutting



- An abrasive waterjet can cut almost any material in a wide range of thicknesses.
- With a waterjet cut there is no mechanical stress, heat distortion or heat affected zone.
- Cuts material such as stainless steel, aluminum, granite and ceramic tile.
- Typical part tolerances are +/- .005".

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