



PROVIDING PREMIUM WELDING PRODUCTS TO THE WORLD

The ATTC logo, consisting of the letters "ATTC" in a bold, white, sans-serif font, with a stylized blue and white starburst graphic below it.

Innovation from the Beginning

In 1940, John Walters Sr. and a group of businessmen saw a need for quality replacement torch tips, and created American Torch Tip. Innovation, research and better designs were the building blocks of their early years and, after 75 years, they still hold true to that philosophy. Today American Torch Tip Company (ATTC) produces over 16,000 items including guns, torches, consumables and replacement parts for 5 platforms – Plasma, MIG, Oxy-fuel, TIG and Laser systems.

Advanced Manufacturing Technologies

ATTC does not rely on outsourcing; they control the manufacturing process from beginning to end and the machine of choice for many of their small parts is the Eurotech SwissTurn Hybrid* machine. This machine allows ATTC to complete parts in one operation while eliminating handling, fixturing, inspections, wasted time and floor space.

"We chose the Eurotech SwissTurn because we machine many different parts and this machine has over 30 tool stations, so we can machine complex parts in one operation or run several simpler parts with no changeover. Plus it has a greater capacity (up to 42mm) than the competition."

ATTC's global fulfillment network has distribution networks around the world with their hub being the US based manufacturing facility located in Bradenton, Florida. Each facility is home to engineering, testing, manufacturing, quality control, warehouse and distribution divisions, and they ship around the world to more than 53 countries. With an inventory that contains millions of parts, it is imperative that their manufacturing pro-

cess run smoothly and quickly.

"Our manufacturing standards are stringent. We use automated vision systems to verify that each part is made in exact tolerance. The SwissTurn machines gave us a great improvement in cycle times and the quality immensely improved. The technology of this machine is also a great benefit. We offer our customers over



The Eurotech SwissTurn Hybrid has a fully programmable B-axis on main and sub spindle, 2 Y-axes and up to 1-5/8" capacity.

**Hybrid—can run with or with or without guide bushing to allow small remnants and can run with standard bar stock.*





16,000 parts, so the hybrid feature that gives us quick change from guide to non guide bushing keeps us running efficiently."

Quick Change Tool Holders

ATTC has implemented E.R. style Quick Switch Tool Holders. The quick change tool holder technology has allowed them to increase production, reduce set up time, lower downtime and save money. These tool holders for ER style collets and collet holder allow you to replace tools easily and by anyone. They eliminate touching off or costly operator mistakes.

With the easy centering boring tool holders you can preset your tools before your set up and have your spare tools preset and ready at your machine, allowing anyone can get your machines up and running with very little time wasted and assuring a perfectly centered tool every time. You can use a boring tool for one part and a drill the next without changing holders.

Made in the USA



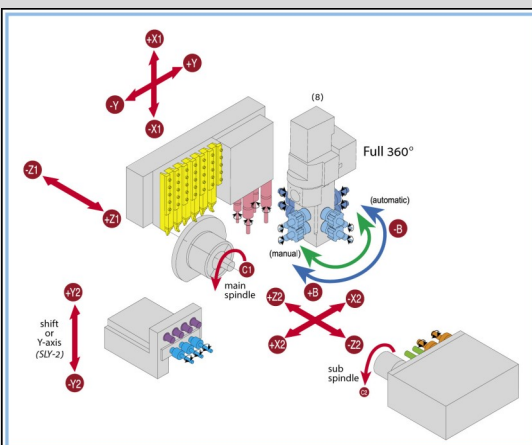
American Torch Tip's manufacturing hub in Bradenton, Florida, uses the latest technologies in their design, like 3D printing which allows the team to move quickly and

accurately from design to testing and production. At the heart of their manufacturing are the Eurotech SwissTurns, CNC machines, continuous barfeed machines, and robotic machines which allow for high speed production runs. Calibrated inspection gauges are set up at each step of the manufacturing process and an inspection log verifying machined tolerances moves with the component through the manufacturing and assembly process.

The assembly team builds MIG guns, such as their lightening semi-automatic gun. They are one of the few manufacturers using vision systems to inspect up to 30 variables on 100% of the robotic MIG contact tips that they manufacture. In addition to traditional hands on inspection techniques, they utilize non contact inspection equipment that can measure hundreds of variables with extreme accuracy. These integrated vision systems inspect critical components during the manufacturing and assembly process.

"We chose the Eurotech SwissTurn because it had more technology and was priced very competitively. We really liked the hybrid feature that give us the quick change from guide to non-guide bushing, as well as the live tool capacity. We improved accuracy and saved 37% in our cycle time. We now machine parts in one operation and with the free training are still increasing our productivity."

Eurotech SwissTurn Hybrid--- *the Benefits!!*



- 6 O.D. Turning tools
- 6 Cross working driven tools
- 8 B-axis drill/mill tools
- 2 I.D. stationary tools
- 2 Front off-center tools
- 4 Back ID stationary tools
- 3 Back off-center drilling tool holders

- 360° B Axis with 8 stations to machine on main or sub spindle
- The Hybrid Xtreme has an extremely powerful 10 HP main and 9.7 HP sub , PLUS a rigid design that allows them to turn and mill tough materials
- With 33 tool stations you can machine complex parts in one operation or run several simpler parts with no changeover
- This Hybrid Xtreme offers a capacity of up to 42 mm!! (or choose 32 mm or 23 mm)
- The Hybrid models come with a Mitsubishi 700 control and 3 year warranty on parts and labor
- They come standard with all the tool holders, chip conveyor, and a host of control features
- Run on fixed collet or guide bushing