



LEADING MANUFACTURER OF INSULATED ELECTRICAL
CONNECTORS INVESTS IN NEW TECHNOLOGY TO
KEEP MANUFACTURING IN THE U.S.



JEFF WALZ WITH TIM SCHAFEHEN FROM OUR GREAT CUSTOMERS, POLARIS ELECTRICAL CONNECTORS. THE GUYS ENJOYED A ROUND OF GOLF AT THE 18-HOLE PETE DYE COURSE, ONE OF MANY LUXURY ACCOMMODATIONS OFFERED AT THE EUROTECH STAY & PLAY CONDO!

Polaris Electrical Connectors is a manufacturing business located in Odessa, Florida. Established in 1985 with only ten employees, they have grown from a small company servicing a few customers in and around Florida to a leading manufacturer of insulated electrical connectors for the entire U.S. market.

Polaris's electrical connectors are used for the utility, OEM, and contractor markets. They offer various underground and overhead application designs, such as street lighting, hotels, shopping centers, utilities, schools, cable troughs, panel boxes, hospitals, submersible applications, and motor lead terminations.

They stock over 300 different sizes and types of connectors, so they have the suitable connector to do most jobs right off the shelf. However, should a customer's power distribution application call for a custom solution, they can now deliver that custom product in three days or less!

Polaris™ Black is the original pre-insulated connector that all others imitate. Its introduction marked the beginning of a new age, providing the fastest, safest, most professional splice and tap connections possible. In addition, their leadership position has allowed Polaris to develop new cutting-edge technology in manufacturing insulated and uninsulated products.

Due to their enormous growth, in 2007, Polaris Connectors moved into a new 50,000 Sq ft facility in Odessa, Florida, just outside of Tampa. This new facility brought all of their manufacturing processes under one roof, making it easier to serve their customers. While other connector companies are moving manufacturing across borders and overseas, Polaris is investing in new technology to keep manufacturing here in the U.S. and still stay priced competitively.

Recently, they were looking to invest in new equipment, i.e., improved technology that would allow them to bring even better connector designs to the market and increase the services they provide to their customers. At this same time is when they met Patrick Shaver with U-Tech CNC, their local Eurotech distributor.

"I enjoyed meeting the team at Polaris; they are incredibly knowledgeable about CNC equipment. In fact, they built two custom machines themselves that they use for their connectors. They were looking into building a third custom machine, but the sticker shock of 1.2 million to build changed their minds. That's when I had the opportunity to introduce them to the Eurotech product. I knew the Eurotech solution would give them the cutting-edge technology they were looking for," shared Patrick.



THE POLARIS BLACK INSULATED CONNECTORS MARKED THE BEGINNING OF A NEW AGE, PROVIDING THE FASTEST, SAFEST, MOST PROFESSIONAL SPLICE AND TAP CONNECTORS POSSIBLE!

The engineers at Eurotech studied Polaris' connector parts and recommended the Eurotech Forza TA20, a high-performance universal turn/mill center. The Forza TA series is powerful, accurate, and ultra-productive, with 15 HP live tools cutting at 12,000 RPM. In addition, this model has a 3.2 inch bar and 12 inch chuck for machining complex parts in one operation.

"The Forza TA series of machines come equipped with liquid-cooled, built-in motor-spindles, and the spindles have a combination of roller and ball bearings. The high torque and power range allow superb chip removal rates and exceptional surface finish and roundness accuracy," said Jeff Walz, President of Eurotech.

"One unique aspect of the application Eurotech did for Polaris was machining two parts simultaneously. When one part cuts off, the sub-spindle swallows it and cuts off an additional part, ejecting two parts at once. This provides enormous time savings for Polaris, as they save six seconds per part," concludes Patrick Shaver, U-Tech CNC's salesman who worked with the Polaris team.

POLARIS™ www.polarisconnectors.com
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Did You Know?!



The name "Polaris" was adopted from the Polaris submarine. From 1956, when the U.S. Navy first awarded the development contract for

the missiles, to 1960, when the first UGM-27 Polaris missile was launched from Cape Canaveral, the Navy was in the thick of a pioneering project that forever would change the way such epic undertakings were approached.

The Navy's first submarine-launched ballistic missile, the Polaris, upped the Cold War ante and played a vital strategic role — not only for U.S. forces but in the service of allied fleets as well.

Eurotech's Stay & Play Condo is available to all customers and prospects interested in visiting Eurotech's technical headquarters in Brooksville, FL (just North of Tampa). Scan the code below to learn more and/or to speak with your local Eurotech distributor!