



BUILDING POWERFUL CONNECTIONS

A provider of electronic cable assemblies and wire harness systems, ALTEX has built its reputation as a strategic manufacturing partner by setting the standard for quality and process innovation.

For nearly three decades, we've specialized in providing comprehensive manufacturing solutions to leading edge companies, fulfilling orders of most any size and complexity at a competitive price.



CORE CAPABILITIES

Engineering & Design:

- Component sourcing and management
- Specifications from schematics
- Alternative solution design
- Prototype development
- Product testing and quality control

Custom Manufacturing:

- Wire harness assemblies
- Cable assemblies
- Electromechanical assemblies
- Box builds
- DIN rail assemblies
- Automatic wire processing
- Flat ribbon cable assemblies
- Harness kits
- Marking and labeling

Logistics:

- Packing and shipping
- Managed inventory
- Fulfillment/JIT

Powering Processes

We pride ourselves on being leaders in process improvement and collaborative design, which makes us highly productive and cost-effective.

With in-house applications and programming expertise, ALTEX engineers excel in process design and execution, making the production process as repeatable, efficient and reliable as possible.

A Culture of Quality

We've set the standard for quality in the industry through our leadership role within the Wiring Harness Manufacturer's Association (WHMA), and the IPC/WHMA A-620 certification, the only global wire harness standard.

A key part of our manufacturing best practices is poka-yoke fixturing, or "mistake-proofing." Our custom wire harness boards with light-guided assembly aids guarantee processes are done right the first time; eliminating costly rework common in traditional testing methods.

Comprehensive Solutions

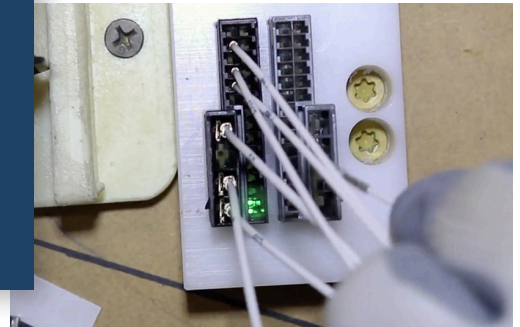
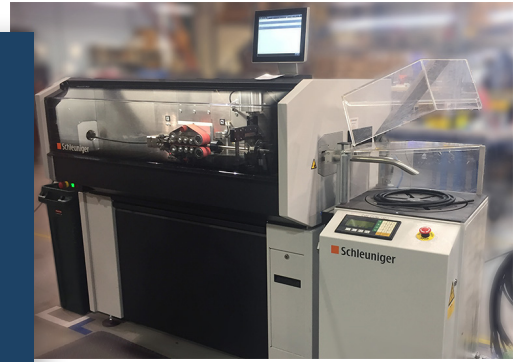
Whether it's minimizing part numbers, selecting lighter materials or improving product functionality, ALTEX is experienced, methodical, and innovative in meeting challenges and implementing solutions.

As a privately held company, we offer the flexibility and responsiveness of a small company. Built to execute at the Tier 1 level, we also have the facilities and expertise to manufacture even the most complex wire harness, box build and electro-mechanical assemblies.

Primary Processing Equipment

We validate all of our equipment to ensure accurate, precise and consistent performance and production. Tooling validation is one more way we guarantee strict adherence to industry certifications and compliances.

- Crimp Center – 26AWG to 12 AWG Range (feed rate – up to 26 ft./sec)
- Cut/Strip – Cable up to 35 mm (1.38”) O.D.
- Cut/Strip – Conductor Cross-Section up to 120 mm² (4/0 AWG)
- Coiler – 13” Inner Diameter / 88 lbs. – Coil
- Pneumatic Crimper – 8.4 Tons of Force / Crimps up to 350MCM



Crimp Quality Assurance

Assuring crimp quality is one of the most important insurance policies against product defects. No matter how well you've built everything else, wire harness quality depends upon crimp integrity.

Our thorough analysis consists of inspecting high quality cross-sectional images and functional testing. Equipment includes:

- Schleuniger's MicroGraph System – Cross Sectioning
- Programmable Pull Force Tester

Certifications

ISO 9001:2015

IPC WHMA A-620 C (Certified IPC-A-620 Trainers)

Environmental Compliance (Partnered with RSJ Technical Consulting)

Automotive Action Industry Group Production Part Approval Process

RoHS Compliance



We've had a relationship with ALTEX for more than a decade. Our business is very dynamic and ALTEX has been flexible and adapted to our changing environment.

They're more than a vendor, they're a strategic partner. Stellar design and customer service support, as well as on time delivery, PPM and competitive pricing are the reasons we choose to do business with ALTEX.

-- Director of Materials, ZF Electronics

ALTEX

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Interested in more information? Please contact us anytime at 1-800-783-2589 or visit altexwireandcable.com.