



LIVORSI

Wire Harness & Cable Solutions



Marine • Auto • Industrial • Commercial

Komax 235 cutter/stripper



Stapla Raptor II ultrasonic wire welder



State of the art Equipment

Livorsi utilizes state-of-the-art equipment from top manufacturers like Komax, Stapla, Cami and Shimpo.

Cutter/Stripper

Cuts and strips wire and cable to precise programmed length.
individual wires • multi-conductor cable • wire braid • phone wire • full strip • half strip • partial strip

Wire Terminal Crimper

A semi-automated machine that provides precise and consistent compression of wire terminals, ensuring accurate in-process crimp height, crimp force and strips. Terminal types include: Molex • AMP • Deutsch • Hirose • Others

Ultrasonic Wire Welder

Helps reduce design time and component costs by integrating 100% quality monitored ultrasonic splice welded wires into your wire and cable harnesses. High electrical integrity with strong metallurgical bonds ensures a reliable connection between various gauges of wire.



Komax BT 722 wire terminal crimper with crimp force technology



Welded wire example

Komax Cosmic 927R
micro-cable stripper



- **Marine**
- **Auto**
- **Industrial**
- **Commercial**

Services & Capabilities

Livorsi is ready to meet your short to medium run mechanical and electrical cable assembly requirements.

- Engineering design support to help maximize efficiencies
- Electro-mechanical assembly, process development, fabrication and testing
- Semi-automated wire and cable cutting and stripping for quick change-over
- Ultrasonic Wire Welding
- Semi-automated terminal crimping
- Custom Wire Labels to identify individual wires; decreases assembly time and errors
- Soldering



Quality Assurance Testing

In addition to in-process quality assurance, we perform 100% quality control final testing on all wire harness assemblies.

Cable Eye Testing

Graphic wiring test that displays wiring errors such as opens, shorts, miswires, intermittent connections, isolation and resistance thresholds.

Pull Force Gauge

Tests crimp of wire terminal to ensure exact specifications are being met.

LCD Video Microscope

Visually confirms quality of terminal crimp

Value Added Wire Assembly

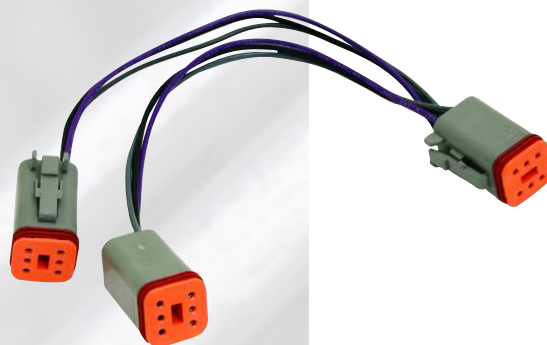
Livorsi can give your business a competitive edge by simplifying your wire assembly requirements.

We specialize in: soldering • wire forming • potting • encapsulating • laser engraving • powder coating

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Pull Force Gauge



Cable Eye Testing

One of the
CompX
Companies