

**The LC "Low Cost" Crimp Machine
Automatic Wire Termination Machines
from C. Davis Systems & Software
- www.CDavisSystems.com -**



Experience makes the difference



(Pictured: Custom LC Machine featuring Deutsch HDT-40-00 Crimp Tool and Rotary Contact Stopper, with optional Machined Stainless Steel Escapements, Machined Aluminum Parts Bowl.)

**This LC Machine runs
ALL TE/Deutsch Size 16 Pins and Sockets**

The "Low Cost" LC Machine line is our entry level product for Automated Bench Top Crimping -- In production and undergoing constant product improvement for over 15 years. So durable original units are still in active service.

All CDSS products are proudly made in the U.S.A.: Critical parts and mechanisms are machined at our facility in Portland OR, where we also do all design, assembly, testing, and support. Our in house machine shop enables fast turnaround on repairs and service for our customer's vital production equipment.

The LC machine is simple and easy to operate. Technicians can be up and running with just a few minutes of training. CDSS offers support for setup, maintenance, and troubleshooting for at no additional cost.

All Current Model CDSS LC Machines Feature:

- Automated bowl feeding/orientation of loose contacts
- Custom Design and Manufacture for each Contact: we will build for your unique or proprietary contact!
- Pneumatic actuation of hand tool to retain specced crimp including MILSPEC Crimp requirements
- CDSS's New Rotary Contact Stopper for use with Multi-Conductor Cable or single wires.
- Aluminum Slide Escapement and Cast Plastic Bowl
- Stainless Steel Protective cover for Crimphead
- PLC control

LC Upgrade Options Include:

- Stainless Steel Slides
- Special Escapements to handle odd-shaped contacts.
- Machined Aluminum Parts Bowl
- GWT type Wire Guide Funnels and Jaws for increased speed with single wires

Technical Data: CDSS "Low Cost" LC Automated Crimp Machine

Overview	Loose/bulk contact handling via vibratory bowls, crimping via modified pneumatically powered hand tools as specified by contact manufacturer for correct "to spec" crimps, including MILSPEC. PLC Computer controlled.
Dimensions & Form Factor	Compact Form Factor for Bench Top use: approximately 12" x 19.5" footprint • Adjustable Crimp Head position • Simplified Operator Interface consists of Power Button, Foot pedal, and Bowl Speed Control knob.
Electrical Contact	Each Machine is Custom Built around the customer's specific contact and crimp tool New Model LC Machines built for TE Deutsch electrical contacts can run entire family of "Deutsch Size" Pins and Sockets on one machine without change-out, e.g. the machine in the pic above runs all Deutsch Size 16 Pins and sockets.
Cycle Time	~2 seconds per crimp cycle for most contacts, the machine can have a new contact at the crimphead ready to crimp faster than most operators can have a wire ready.
Utility Requirements	1 AMP of 110 AC at 60 HZ and 100PSI Clean Dry Compressed Air.
Lead Time	Usually 8-16 weeks. Priority 'Rush Delivery' is sometimes available: please inquire with your needs!