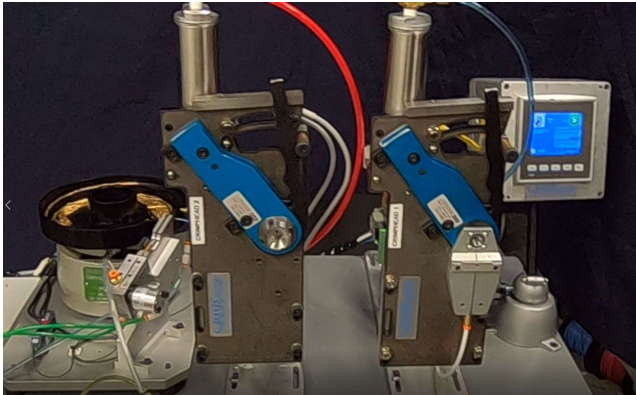


The GWT 301c & 302c Compact Crimp Automatic Wire Termination Machines from C. Davis Systems & Software

- www.CDavisSystems.com -



Experience makes the difference



(Pictured: Custom GWT 301C w/ Dual Crimp heads built with dual Daniels AF8 M22520/1-01 Crimp Tool for MILSPEC Crimps)

All Current Model CDSS GWT Machines Feature:

- Automated Electronic Pneumatic Powered Crimping
- Single or Dual Bowl Fed Loose Contact Handling
- Pneumatic actuation of hand tool to retain specced crimp including MILSPEC Crimp requirements
- Touchscreen PLC Computer control
- Extensive Sensor-driven diagnostic feedback
- Integration into Larger Wire Processing machines (e.g. Artos and Schleuniger)
- Custom Design and Manufacture for each Contact: we will build for your unique or proprietary contact!
- Customized I/O and user interface
- Multiple language support

The GWT Automated Wire Termination machines are CDSS's signature product -- In production and undergoing constant product improvement since the late 1980s - many older units are still in active service, and some have many million of cycles on them and counting! **CDSS products are proudly made in the U.S.A.:** critical precision parts and mechanisms are tooled in-house in our machine shop in Portland OR, where we also do all design, assembly, testing, and support. This enables fast turnaround on repairs and service for our customers vital production equipment.

The GWT 301C and 302C Compact Crimp is designed with a very narrow footprint to be integrated into larger wire processing machines, like those made by Artos, Schleuniger and Komax. The Compact Crimp is self-powered and can be run inside of a larger machine without tying up a press, leaving the press free for other operations. Two compact crimp machines can be set up in a single larger machine, allowing both ends to terminated at every cycle. The Compact Crimp can be configured for Bench Top use when not in use inside a larger machine, making it our most versatile wire termination machine.

Technical Data: CDSS GWT 301C & 302C

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, featuring <u>Touchscreen HMI</u> and CDSS's Proprietary GWT Software with <u>extensive diagnostic feedback derived from the many inductive and optical sensors throughout the parts handling mechanism(s) and the Crimp Head</u> , cycle counters, and detailed operational parameter adjustments.
Dimensions & Form Factor	GWT Compact Crimp features modular design with Remote Crimp Head fed via a Parts Tube <ul style="list-style-type: none"> • Crimp Head is approximately 5" wide at the base, 6" deep and 17" tall. • Parts feeding/orienting mechanism(s), sit on a heavy plate and are approximately 12" deep, 9" wide and 10" high (single bowl) or 12" high (dual bowl) • The Remote Touchscreen PLC Interface (PLC touchscreen in a sturdy enclosure on an adjustable mountable base) approximately 6.5" tall, 6.5" wide, and 4" deep • The Control Cabinet is 12" tall, 12" wide and 6" deep Parts are fed to the Crimp Head via a parts tube to enable remote mounting of the crimp head in wire processing machine. Cart mounting for the entire system is available to facilitate moving the machine adjacent to the larger wire processing machine when in use, and transport/storage when not.
Electrical Contact	Each GWT is Custom Built around the customer's specific contact and the specified tool for that contact.
Cycle Time	1-2.3 seconds per crimp cycle for most contacts.
Utility Requirements	1 AMP of 110 AC at 60 HZ and 100PSI Clean Dry Compressed Air.
Lead Time	Usually 8-16 weeks. <u>Priority 'Rush Delivery' is sometimes available: please inquire with your needs!</u>