

## FAST FORWARD.

### Affordable wire processing just got faster.

The versatile Artos Cr.11 automatic crimping wire processor is engineered to handle high and low volume runs and a wide range of wire types. Now our engineers have made it even more efficient and up to 18% faster.

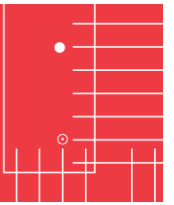
Combine the speed increase with digital, programmable servo-driven termination units and a quick-change cart system, and you've got a machine made for maximum performance.

More speed means more productivity, more capacity and best of all more profit.

## FEATURES

---

- Ideal for high volume *or* high mix production needs.
- Cutting edge digital servo technology.
- Best in class performance and value.
- Simple to operate and maintain.
- Robust design.
- Low operating cost.

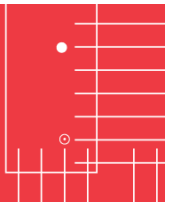


## CAPABILITIES

---

- Material Cutting
- Stripping
- Window / Mid Stripping\*
- Open Barrel Crimping
- Closed Barrel Crimping
- Hot Stamp Marking\*
- Ink Jet Marking\*
- Marking with Labels\*
- Batching of Finished Wires
- Coiling of Long Wires\*
- Short Length Processing
- Harness / Job Sequencing

\*requires purchase of one or more options below



#### **CUSTOM OPTIONS**

---



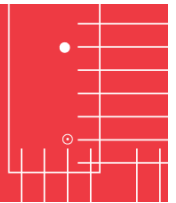
#### **208 Volt, Single Phase**

Special 208, 1phase, 50/60 Hz Voltage (requires custom transformer). For use where standard 230 Volt 1 Phase power is not available.



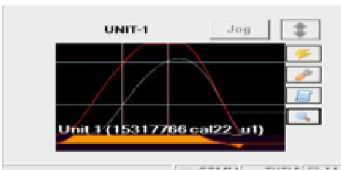
#### **CR Series Sencor**

Patent pending system for automatic setting of stripping blades. Technology senses the conductor within the wire and automatically sets the value of the stripping diameter. Reduces wire waste and shortens set-up time. Can also be used to monitor blade wear.



### **TU-12-HD Heavy Duty Crimping Module**

TU-12-HD terminal crimping station for standard "mini" style applicators. Programmable stroke and split cycle operation. Crimping force of up to 4800 lbs (2177 Kg) for more challenging crimping applications. This option may allow the processing of 10 AWG (6mmsq) wire depending on the specific application. Price includes one cart assembly and mounting base with manual height adjustment.



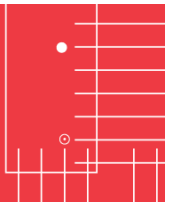
### **CFM-2100 Crimp Force Monitor**

Crimp Force Monitor for crimping inspection. System learns "good" crimps and compares all crimps to learned good crimps. If crimp is out of tolerance, the machine will cut the crimp off and remake new wire. Wires with "bad" crimps are separated from good wires.



### **Cart Assembly**

Additional cart assembly for pre-loading terminals and die onto a cart off line of the machine, reducing machine down-time for set-up. Recommend two extra carts per machine.



### **CR Series Paper Take-up**

Motorized collection of terminal reel paper. This option allows for the coiling of the paper which separates side feed terminals for better housekeeping.



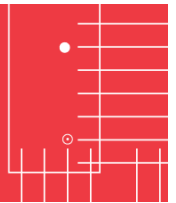
### **Paper Take-up Drive**

This is the drive mechanism which mounts to the CR.11 and activates the paper take-up mounted on the cart assembly. Two are needed per CR.11L.



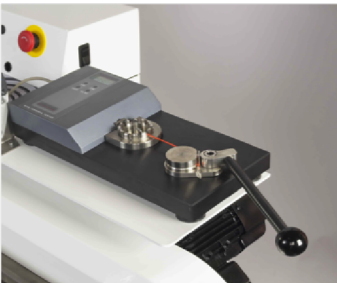
### **CR Series Programmable Z-Axis**

Motorized adjustment of the Z-Axis (up / down) for wire placement into the terminal. This option allows for fully programmable adjustment for open to closed barrel terminals, with no manual adjustments. Two are needed for CR.11L.



### **Crimp Height Measurement**

Integrated crimp height micrometer. Allows the machine to retain specified crimp height and tolerance for each terminal / wire combination. As part of the machine set-up, crimps must be measured and within tolerance before production begins.



### **Pull Test Verification - Manual Tester**

Integrated terminal pull testing station. Allows the machine to retain specific pull test values for each terminal / wire combination. As part of the machine set-up, crimps must be tested and greater than pull test minimum requirement before production begins. Manual tester requires operator to manually operate the pull testing station.



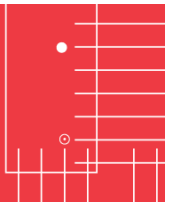
### **Pull Test Verification - Automatic Tester**

Integrated terminal pull testing station. Allows the machine to retain specific pull test values for each terminal / wire combination. As part of the machine set-up, crimps must be tested and greater than pull test minimum requirement before production begins. Automatic tester utilizes a motor during pull testing.



### **CR Series Ink Jet Interface**

Interface for Imaje 9040 ink jet marking system. Fully integrated with programmable and recallable marking of wire. Marking system is sold separately.



#### **4-Meter Collector**

Upgrade to 4 meter motorized collector with batch sorter for long wire collection.



#### **Bar Code Scanning**

Integration of a bar code scanning system for data entry. Used for input of production data. Also used to verify materials supplied to the machine.



#### **Post Process Printer**

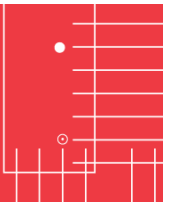
Integrated label printer allowing the printing of customer defined information upon the completion of a wire batch. Used for routing of material and traceability.



#### **Spare Parts Kit**

A kit containing common replacement parts.





## SPECIFICATIONS

---

|                                  |  |
|----------------------------------|--|
| <b>WIRE SIZE</b>                 | 30-12 AWG (0.05-4mm <sup>2</sup> ), optional to 10 AWG (6mm <sup>2</sup> ) |
| <b>WIRE LENGTHS</b>              | 1 in – 325 ft (25 mm - 100 m).   |
| <b>STRIP LENGTHS</b>             | 0-1.26 in (0-32 mm).   |
| <b>VOLTAGE</b>                   | 230 V 60/50Hz 1 Phase, optional 208V. 60/50 hz, 1Ph.                       |
| <b>AIR SUPPLY</b>                | 5 CFM @ 80 PSI (2.3 l/sec. @ 6 Bar)  |
| <b>SHIPPING DIMENSIONS LXWXH</b> | 114" (2895mm) x 54" (1371mm) x 80" (2032mm)                                |
| <b>SHIPPING WEIGHT</b>           | Approximately 2100 lbs. (952kg)  |

Specifications are subject to change without notice, and exceptions may apply depending on application, wire and other variables. Optional equipment may require standard machine modification and/or later specifications.



---

For further information, please contact [techserv@jst.co.uk](mailto:techserv@jst.co.uk)

