

JST

Cr.22 WIRE PROCESSING MACHINE



FEATURES



Up to four processing stations
for a wide range of applications

**Convenient Tool
Cart Solution**
reduces set-up
time and improves
throughput



A second control station
at the wire in-feed allows
access to PC program,
reducing operator
movements during set-up

Cr.22

WIRE PROCESSING MACHINE

WE PROCESS
THE WIDEST
RANGE
OF WIRE
BAR NONE



Built on the same platform as our popular Cr.11,

the Cr.22 offers up to four processing stations for a wider range of end of wire applications including crimping, weather seal application, wire end twisting and wire tinning. Like the Cr.11, the digital servo driven Cr.22 offers unique set-up features designed to shorten the machine set-up time, allowing for processing in both large batch, and high mix/low lot size environments.

LOOK AT ALL THE Cr.22 HAS TO OFFER



Standard Servo Driven Terminating Units

- Our TU-12 Terminating Unit features programmable stroke and split cycle operation for the broadest application range
- Intelligent software optimizes speed by automatically coordinating the crimping cycle with wire placement
- Optional TU-12 HD version available for the most demanding crimping needs



Optional Loose Weather Seal Station

- Provides application of loose weather seals on the wire end prior to crimping
- Quick change kits available to run different size seals



Optional Wire End Twisting and Tinning

- Twisting unit mounts into the standard TU-12 crimping unit and is easily removed to allow for crimping applications
- Flux and Tinning unit allow for lead free tinning of wire ends



Easy to Use PC Interface

- Simple, yet powerful, software allows for complete machine programming
- Networkable system allows for data sharing via .XML or .CSV file format
- Built in quality controls for both set-up verification and process inspection



Innovative Options to Shorten Machine Set-up Time

- Patent-Pending Sencor automatically sets stripping blade depths
- Motorized programmable bases automatically adjust tooling height when changing from open to closed barrel crimping
- Self threading wire loading and tool-less guide changes shorten wire

MACHINE DIMENSION

Length with Straightener	125 in	3175 mm
Width with Carts	53 in	1346 mm
Height (Guard down)	65.5 in	1664 mm
Height (Guard open)	101 in	2557 mm
Machine Weight	1900 lbs	864 Kg
Cart Weight	70 lbs	32 Kg
Max. Reel Width	8.5 in	216 mm

POWER SUPPLY

Standard - 230 VAC +/-10%,
1 Ph, 50/60 Hz. 20 Amp circuit
Optional - 208 VAC +/- 10%,
1 Ph., 50/60 Hz. 20 Amp circuit

PNEUMATIC SUPPLY

80 PSI (6 Bar) 1.5 CFM continuous,
6.5 CFM peak (at master start only)

WIRE RANGE

Min.	30 AWG	0.05 mm ²
Max. (Standard)	12 AWG	4 mm ²
Max. (With Options)	10 AWG	6 mm ²
Max. OD	0.210 in	5 mm

Note: Largest and smallest wire gages must be verified by Artos to assure processing capabilities.

WIRE LENGTH

Min.	0.83 in	21 mm
(plus lead and tail strip lengths. Min. wire length may also be limited by crimping tooling design).		
Max.	3939 in	100 M

STRIPPING LENGTHS

Min.	0.004 in	0.1 mm
Max.	1.26 in	32 mm

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