

# CR01 Assembly numbers

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## STRAIGHTENER BAR ASEMBLIES FOR CR11 CR22 AND CR22A

**5-147580-x** Straightener bar assembly standard for CR01

**5-146679** Lexan wire shield assembly for end of wire bar

**5-145772-2** Wire infeed device with entry angle of 0 to 180 degree

**5-146773-2** Wire infeed device with rollers, smaller version of 5-146310

**5-146883** Twist remover with guide tube.

**146424** Small wire wheel for wires less than 1.5mm dia.

**5-146305** Twist remover / splice detector. With or without guide tube.

**146425** Small wire wheel for wires less than 1.5mm dia.

## COLLECTION ASSEMBLIES

5-145123-2 1.5m linear collector mounted on machine, includes electrical control

5-147599 1.5m passive collector.

## COLLECTOR BELTS

147110 Belt for CR01 1.5m collector, double top rib, white

146922 Belt for CR01 4m collector, double top rib, white.

## POWER OPTIONS

5-147479-6 CR01 230VAC machine main power

5-147479-7 CR01 208VAC machine main power

## CRIMPING UNIT / CARTS / PAPER TAKE UP / CHOPPERS

### *Crimping units*

4-146648-1 TU-15 fixed crimp height adjust.

4-146648-2 TU-15 manual crimp height adjust.

4-146648-3 TU-15 auto crimp height adjust.

4-146767-1 TU-15HD fixed crimp height adjust.

4-146767-2 TU-15HD manual crimp height adjust.

4-146767-3 TU-15HD auto crimp height adjust.

### *Available base plates and adaptors.*

5-144911 Amp style base plate with quick release.

5-146195-500 Toyojamco die adaptor and base plate. The die adaptor is a fitting that goes onto the amp style CFM load cell or the amp style steel adaptor.

5-146253-1 Amp style base plate with screw down clamp. This is good for applicators that require a lot of force to open. On an amp style applicator the distance between the hold down machined areas is 66mm, the angle of the hold down clamp on the single clamp side is 45 degrees

5-146253-2 Korean style base plate with screw down clamp. The difference from an Amp style applicator is that the distance between the hold down machined areas is 69.75mm, the angle of the hold down clamp on the single clamp side is 60 degrees

### *Paper take up / Tonkers / Accessories*

5-147595-x CR01 Carrier strip chopper/ press base does not include scrap bin.

5-147800 Carrier strip chopper scrap bin assembly

5-147749 Paper take up reel and motor.

- 5-144966 Tonker threaded rod
- 5-144967 Tonker pneumatic
- 5-148512 Tonker spring loaded
- 5-146212 Terminal air blow off kit for 1 press
- 5-141149-6 15 Degree Reel Bracket for Tab-Lok

### ***Press bases***

- 4-147526-4 Manual z-axis, no chopper
- 4-147526-5 Manual z-axis, with chopper
- 4-147526-6 Automatic z-axis, no chopper
- 4-147526-7 Automatic z-axis, with chopper.

### ***Special press options***

- 145087 Longer scrap tray for TU-15. For use with applicators that chop the carrier and drop it out the front of the press. Order 1 per press
- 4-145701 Kit to convert a TU-15 into a TU-15HD
- 5-145579 Spacer to raise the TU-15 8mm higher. Order 1 per press.

## **INSPECTION /CFM**

- 5-144406-8 CFM 2100 Crimp force monitor 2500lb cell. Order 1 per press
- 5-144406-12 CFM 2100 Crimp force monitor 5000lb cell. Order 1 per press
- 5-147897 Bad tail crimp separator.
- 5-145494 Sencor, automatic core diameter tester. For factory installation.
- 5-145494-2 Sencor, automatic core diameter tester. For field installation.

## **PROCESS DEVICES**

### ***Twisting assembly for in press***

- 4-145747-500 Twister that can be mounted in the press in place of the applicator. For .05-.12 dia wire
  - 4-145747-510 Kit to do .01-.049 diameter wire.
  - 4-145747-520 Amp slug collection for TU-12
  - 4-145747-530 Amp slug collection for TU-10
  - 4-145747-540 Twister 0.05-0.12 outside diameter wire Bitech style
  - 4-145747-550 Bitech slug collection for TU-12
  - 4-145747-560 Bitech slug collection for TU-10
  - 5-144201 Interface cable for MTX lead or tail
  - 5-145503-1 Interface cable for CR11 Lead
  - 5-145503-2 Interface cable for CR11 Tail

## **PRE-PROCESS DEVICES AND INTERFACE**

- 5-147479-5** Image wire marker interface, wired into machine
- 5-148652** Hot Stamp wire marker interface, wired into machine
- 5-148724** Pre-Feeder connector
- 5-148726** Pre-Feeder by-pass plug

## **CR ACCESSORIES / KITS**

### ***Accessories***

- 918-508** Bar code scanner 1 dimension
- 918-585** Bar code scanner 2 dimension
- 87093-500** Clear barrel cone, includes hardened metal ring.
- 918-945** Clamp on work light / magnifier, 3 diopter.
- 147674** Wire measuring encoder wheel. Urethane coated.
- 147765** Encoder drive wheel, no groove in wheel. Replaces 144331

### ***Standard kits***

- 2-148371 1.5 meter motorized conveyor
- 2-148377 200-240VAC transformer
- 2-146414** Kit, CR series pivot arm spacers
- 2-146042** Kit, tail jaw flow control. This prevents the jaw from closing very fast. It can help reduce damage to small wires .
- 4-4-147038** Kit, Computer compartment shelf
- 2-148216** CR01 Spare parts kit for customer
- 4-148217** CR01 Spare parts kit for distributor, does not include any parts from 4-148216
- 2-148114** Switch guard for TU-11/12/15

### **THE FOLLOWING KITS MUST BE REVIEWED TO SEE IF THEY WORK ON A CR01**

- 2-147932** Kit, Conveyor motor off, even when in setup mode.
- 5-147943** Kit, Batch tray pressure regulator.
- 5-147997** Kit, Extra valve to actuate funnel built into applicator
- 2-148023** Kit for adding pneumatic connect for pre-process devices.

### ***Computer / Software / Labeling***

- 5-144704-9** Computer for CR01
  - 6-148523 Computer setup instructions.
- 6-147802** CR11 software CD
- 918-034** NiceLabel labeling software.
- 918-032** Zebra label printer model TLP3844-Z, thermal transfer, 4" wide, with cutter.

918-033 Printer Ribbon Zebra 4.3"

729-322 Label Zebra 4"x2"

918-033-A Label Zebra 4"x4"

## **SPECIAL CR ASSEMBLIES**

These were made as a custom order.

### **THE FOLLOWING KITS MUST BE REVIEWED TO SEE IF THEY WORK ON A CR01**

**5-146259** Wire Funnel assembly. Artos funnels for Amp mylar tape applicator and valve assembly. This is for guiding the tip of the wire into a closed barrel terminal. The funnel sizes available are shown on this drawing.

**5-147997** Valve assembly for wire funnel. This is for an applicator that has a funnel built into it.

**5-146722** Light tower. This replaces the post that the computer monitor is mounted to.

## **CR01 CALIBRATION FIXTURES**

**5-147860** CR01 Reference gauge, standard

**5-138520** Ram Calibration tool for Amp style base plates

**5-146505** Ram Calibration tool for Toyojamco style base plates

**5-138986** SHUT height calibration tool for Amp base plates

**5-138992** Shut height calibration tool for Toyojamco base plates

139169 test bar

**5-148546** TU-15 device calibration tool for Amp style base plates

**5-148547** TU-15 device calibration tool for Toyojamco style base plates

**5-148620** Cutter head and guide alignment tool.

## **MAIN BILL OF MATERIALS**

5-147526 CR01 Main machine assembly

5-147479 Electrical enclosure.