

# CR11

crimp to crimp



**komax**

# CR11

The Cr.11 is a fully automatic crimp-to-crimp machine designed specifically for the industrial market. Ideal for customers handling low volume runs and a diverse mix of wire types and lengths, it boasts digital servo-drive technology for precise control of every operation. This machine comes equipped with a variety of standard and optional features, making it highly efficient for a broad spectrum of wire processing applications.

## Unique Tool Cart Solution

The quick change system allows for fast preloading of terminal reels to maximize machine uptime. Additionally, the carts facilitate easy transport and storage of reels and applicators. The universal cart design accommodates both side feed and end feed terminals.

## Servo-Driven Termination Units

These units offer programmable stroke and split-cycle operations, accommodating a wide range of applications, including closed barrel terminals. Intelligent software minimizes crimping cycle times, maximizing production speeds. Additionally, terminal scrap chop-off and airfeed die kits are available. The programmable Z-Axis option eliminates the need for manual adjustment of wire and terminal alignment.

## Quality Control

The integrated crimp force monitor system ensures precise control during the crimping process. Additionally, optional Micrometer and Pull Testers can be integrated into the machine to verify crimping parameters prior to production.

## Eco-Friendly Design

The use of servo motors significantly reduces energy consumption compared to stepper motor designs. Additionally, the machine operates on a single-phase 220 Volt supply, ensuring simplicity and accessibility.

### 01

Closed loop servo wire feed system ensures length accuracy

### 02

Unique wire gripper prevents wire bending and ensures level placement into terminals

### 03

Innovative stripping blade configuration reduces the gap between grippers, letting you process even light gauge wires

### 04

Built-in PC for easy programming and data importation.



01



02



03



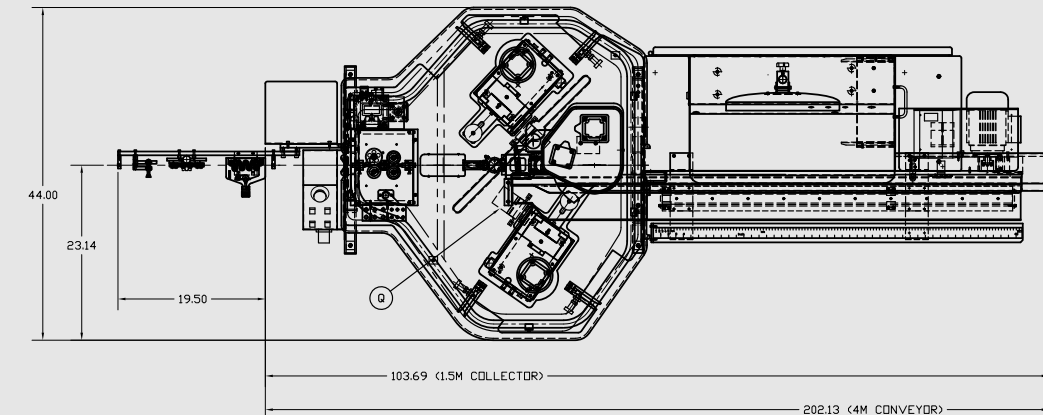
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# AFFORDABLE AUTOMATIC CRIMPING INDUSTRIAL HIGH MIX PRODUCTION

## Technical Data

Wire cross section	0.05 – 4.0 mm <sup>2</sup> (30 – 12 AWG) optional to 6mm <sup>2</sup> (10 AWG)
Outside diameter	max. 5.0 mm (0.210 in.)
Wire length	25 mm – 100 m (1.0 – 3938 in.)
Stripping length	0.1 – 32 mm (0.004 – 1.26 in.)
Press stroke (programmable)	1 – 40 mm (0.040 – 1.60 in.)
Dimension (L x H x W)	791 mm x 903 mm x 1476 mm
Machine weight	330 kg
Power supply	230VAC ±10% 1 Phase 50/60 Hz (other voltages available)
Power consumption	7A RMS continuous 20A peak
Air supply	6 Bar (80 psi)
Air consumption	140 L/M 5 CFM
Dimensions	Length with straightener bar 3175 mm (125 in.) Width with carts 1370 mm (54 in.) Height (Guard down) 1750 mm (69 in.) Height (Guard Up) 2235 mm (88 in.)
Machine weight	737 kg (1625 lbs)
Cart weight	32 kg (70 lbs)

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.



## Komax – leading the field now and in the future

As a pioneer and market leader in automated wire processing, Komax provides its customers with innovative solutions. Komax manufactures series and customer-specific machinery, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent software and networking solutions complete the portfolio, and ensure safe, flexible, and efficient production.

Komax is a globally active Swiss company with highly qualified employees and development and production facilities on several continents. It provides local support to customers worldwide through its unique sales and service network and offers services that help them get the most out of their investments.

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