

Fully Automatic Crimping Machine

($\phi 1.0\text{mm} \sim \phi 12.0\text{mm}$)



MODEL : PC-40

SANWA COMPANY LIMITED

~ Since 1970 ~

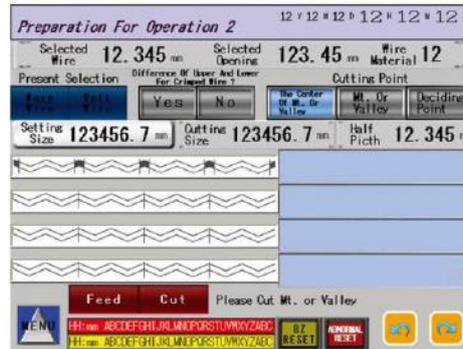
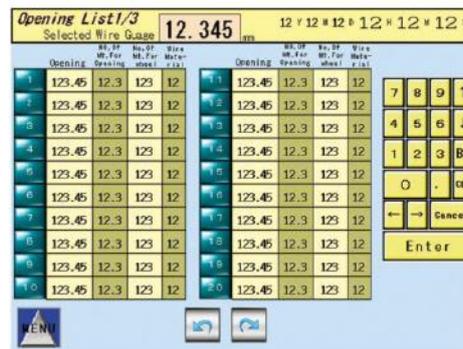
One crimping machine available for wire diameters of 1mm to 12mm . Cut wires anywhere you want to !!

All settings can be made from a touch panel (NC system incorporated)

Features

- **Speed** : Can freely be set up to a max. 30m/min. from a digital display.
- **Length setting** : Set on a counter. The main shaft is driven by two — upper and lower — strong a servomotors, thus obtain high-precision measurement.
- **Cutting** : You can cut anywhere you want to cut, which was not possible with earlier machines, therefore you do not need to cut the wire again in another process. (Material loss is reduced.) (This feature is particularly effective with flat top type.)
- **Crimping depth** : The crimping wheel can be moved up and down by servomotor and the depth can be adjust in 1/100mm increments from a digital display, and it can be recorded.
- **accuracy of crimping pitch** : A servomotor is installed on reach shaft of the crimping wheel. therefore there is no extra mechanical clearance. Moreover, thanks to inverter control and self-propelled coil stand, the crimping speed and wire feeding speed are electrically synchronized only by entering the coil diameter and so on, resulting in high-precision crimping.
- **Crimping shape balance** : The balance can be easily adjusted and recorded, therefore you can immediately and accurately crimp using recorded data.
- **Coil stand** : The coil stand is self-propelled, can be used with coils of max. 1,200kg and supports both right —and left-handed coils.
- **Machine stopping** :
 - When the preset crimped wire count is reached
 - When materials run out
 - When any trouble such as tangled materials occurs. (the trouble area will be displayed.)

EXAMPLE OF TOUCH PANEL



Specifications

WIRE DIAMETER	SPEED	MOTOR	DIAMETER OF CRIMPING WHEEL
φ 1mm ~ φ 12mm	30m/min MAX	Main(Servo motor)7.5KW×2 Cutter (Servo motor)1.3KW For adjusting depth of crimping (Servo motor) 1.8KW Self-Propelled Coil Stand 0.2KW	240mm~350mm

(There is a case to change the specifications without a announcement)



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