

# 500.927 Pneumatic Bench-Mount Crimping Tools with Foot Switch and Hose

## AM-70 Operating Instructions



### Operating Conditions

1. Operating condition and flow temperature: -5 to 60 °C
2. Clean all gas hoses and fittings for connecting the pipe line to protect the cylinder.
3. If used in low temperatures, take precautions to avoid any part of the system from freezing.

### Technical Parameters

Compression force	59 kN
Applicable air pressure	101-138 psi
Maximum operating pressure	140 psi
Maximum crimping capacity	70mm <sup>2</sup> power terminal / lug
External dimensions (HxWxD)	200 x 140 x 55mm
Weight	31 lbs.
Crimping dies sizes included with tool	6mm <sup>2</sup> -10AWG, 10mm <sup>2</sup> -8AWG, 16.0mm <sup>2</sup> -6AWG, 25mm <sup>2</sup> -4AWG, 35mm <sup>2</sup> -2AWG, 50mm <sup>2</sup> -1AWG, 70mm <sup>2</sup> -2/0 AWG

## Operational Instructions

Before operation, please read the instructions carefully for the operating method and technical parameters.

### About this Product

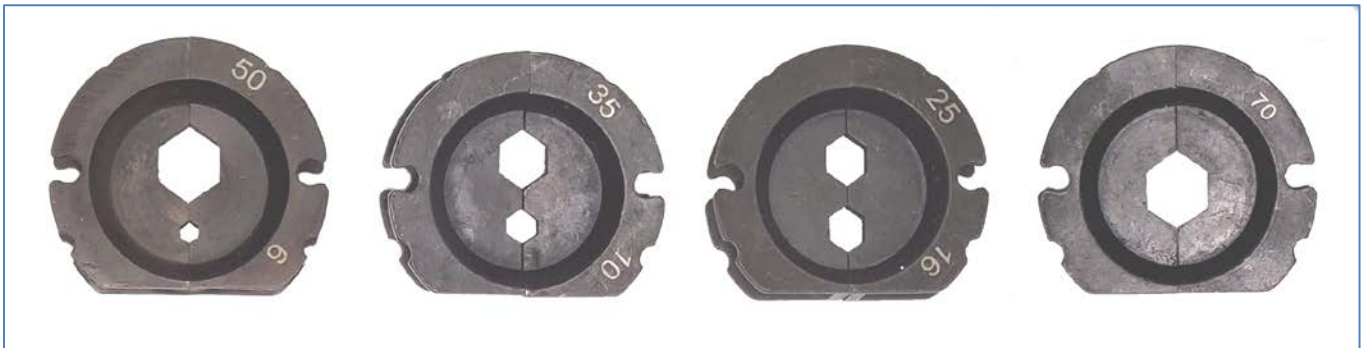
The machine is driven by dual-action normal cylinder, which as advantages of high efficiency and quality in crimping force and speed. The machine is crimps power crimp terminals / lugs.

### Maintenance and Storage

1. Lubricate all mechanical moving joints before operation to increase their service life.
2. Since the product is pneumatic, do not operate or store it in an environment with high or low temperatures and high humidity.
3. Clean and dry it before storing to avoid rusting. Mount dust caps at the gas inlet and outlet or adopt other measures.

### Changing Die Sets

1. Cut off gas supply.
2. Remove the die set by pulling the pins to release the top and bottom dies and remove them.
3. Replace with the desired die set, and ensure that they are aligned. The flat side of the dies are on the side closest to the body of the tool.
4. Turn on the gas supply. Press the foot operated gas valve slowly to make the machine works at a low speed in order to check the die set is in correctly.



### Operating

1. Connect the gas hose according to the relative marks on the equipment and accessories (connect the IN1 on the pneumatic machine to the OUT1 on the foot air valve. Connect IN2 on the pneumatic machine to the OUT2 on the foot air valve. Connect the IN on the foot air valve to the air compressor.)
  - a. The AM-70 connectors require 10mm / 3/8" PVC tubing.
2. Open the gas supply, the binding clip should be opened for crimping. Place the terminal in a relative clamp, press the gas valve by foot, and release it after finished.
3. Crimping speed can be controlled by the foot or optional pipe joint with a throttle valve.
4. When processing terminals with large size, ensure there is enough gas supply and air pressure.