



Crimp PP3 Tool

Pneumatic Crimp Tool for Kirtsen PP3 Machines

Application

The PP3+ pneumatic tool is a highly reliable crimp tool designed for crimping contacts on reels arranged as side feed or longitudinally. Crimp PP3+ tool provides these contacts from cross-sections of 0.03 mm² to 1.5 mm² (AWG 32–16).

The tool operates in principle as two separate units, which are fixed by screws in the PP3 machines. In the upper part of the tool are the (crimpers, holders punches & ejector parts are clamped in the upper dovetail) and the lower part of the tool (the anvil and the front cutting set, which separates the contacts from the connecting strip are in the lower dovetail of the tool).

This enables to achieve the precise a quality crimp connection (documented by the test procedure and the crimping & cutting method) So that the highest level of quality is guaranteed.

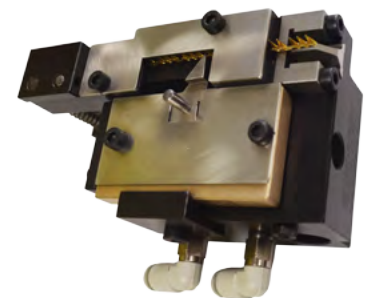
The tools are fixed in PP3+ machines, which are always equipped with the stripping unit and precise V blades, The wire gripper jaws ensure the stable clamping of the wire throughout the stripping and crimping process, the wire clamping grippers grips even very fine wires & it has an ejector for the crimped wire. It has an option for the lubrication of contacts in the machine. This PP3+ machine with tool is one of the most precise and fastest machines in its class and unique in some features.

Tool design

- For the wire smallest cross-sections
- For wires with the shortest in feed crimp option in the market
- For contacts with the smallest dimensions
- Compatibility with all (Kirsten) PP3 machines

Specifications

Wire cross-section	0.03-1.5 mm ² (AWG 32–16)
Length of contacts, lateral line of contacts	max. 27 mm (1.07") - including the connecting strap
Contact pitch, lateral line of contacts	max. 20 mm (0.79")
Length of contacts, rear line of contacts	max. 15 mm (0.59")
Contact pitch, rear line of contacts	max. 20 mm (0.79")
Thickness of the processed contacts	0.05-0.5 mm (0.002-0.02")
Wire crimp height adjustment	smoothly up to 0.04 mm (0.0016") - option for the machine 0.02 mm (0.0008")
Insulation crimp height adjustment	smoothly in the range 0-1 mm (0-0.04")
Performance	ca. 3 000 cycles/h
Compressed air from the machine	4-6 bars
Air consumption for the cycle	0.15 NL (5 bars)
Noise level	<45 dBA
Options	<ul style="list-style-type: none"> • variant of lining the contacts from the right • coating of crimp wear parts
Dimensions (L × W × H)	lower tool 135 × 50 × 45 mm (3.32 × 1.20 × 1.80") upper tool 25 × 20 × 45 mm (1.00 × 0.80 × 1.80")
Weight	1 kg (2.20 lb)
CE-conformity	Crimp PP3+ fully complies with EU directives for tools (mechanical safety)
Note	when ordering the tool, samples of contacts, wires, housing and specification of the crimp should be Supplied



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