



HBQ-G511_Fully Automatic Single Wire Stranding and Inserting Machine

◆Product Introduction

HBQ-G511_Fully automatic single wire stranding and inserting machine is a kind of automatic wire harness processing equipment with one end crimping, tail tinning and stranding and inserting the shell, including terminal crimping, tail tinning, terminal CCD appearance detection, terminal insertion force pulling force detection, pin crimping, terminal housing, stranding shell and other functions, suitable for automotive wire harness, home appliance electronic wire. The layout of the whole machine adopts modular design, high efficiency, convenient debugging, modular change, high efficiency, Key components of the whole machine are imported or well-known domestic brands to ensure the reliability of the equipment.

HBQ-G511_Fully automatic single wire stranding and inserting machine, the whole machine includes: a set of main machine, a set of pay-off machine, the main machine can process 50mm-600mm long wire, processing 0.04²-2² wire.

1. Full-featured: 2 kinds of terminal crimping, tail tinning, stranded wire insert shells
2. High efficiency: 900-1100 lines / H
3. Easy to change: modular change, high efficiency
4. Good operability: front and back dual screen, easy operation, simple interface



◆Product Parameter

Function	Two kinds of terminal crimping, the tail twist is stained with tin, wire stranding, terminal housing, terminal pressure detection, terminal CCD appearance detection, Hydrant work station(optional), terminal insertion force detection, terminal pulling force detection, multi-layer rubber shell insert shell, change type quick change module
Applicable Product	Stranding shell with tail tinning, pin crimping shell with tail tinning
Processing Range	0.04 ² -2 ² (AWG32#-AWG14#) 10 colors of wire
Processing Length	50mm-600mm (Length can be customized)
Stranding Length	500mm (Extended and customizable)
Tinning Length	0-15mm (With twisted wire function)
Capacity Efficiency	L=100 1500PCS-1800PCS/H (No Wire stranding)



	900-1100PCS/H (Wire stranding)
Pressing Capacity	Servo 2T
Peeling Length	A: 0-15mm ;B:0-6mm
Peeling Accuracy	±0.2mm
Length Accuracy	$L \leq 300\text{time} \pm 0.5$ $L \geq 300\text{time} \pm (0.2\% * L \pm 0.5)$ mm
Crimping Dies	European/Japanese
Shell Spacing	0.8-10mm
Overall Dimension	2100(W)x1500(D)x1800(H) 1100KG