

HBQ-G515 全自动双头多线插壳机（第二代）

HBQ-G515 Fully Automatic Double-Head Multi-Wire
Shell Inserting Machine (Second generation)

产品简介 Product Introduction

HBQ-G515 全自动双头多线插壳机（第二代）

是一种全自动双头多线端子压接、插壳，尾部沾锡或者双头多线插壳的线束加工设备，适用汽车线束，家电电子线和排线。整机布局采用模块化设计，效率高，调试方便，支持快速换型，1 小时换型完成。设备配备端子压力检测，剥皮 CCD 检测（选装），端子 CCD 外观检测（选装），端子到位 CCD 检测（选装），NG 切断防呆，防止次品流出。关键部件采用进口或国内知名品牌，确保设备的可靠性。

HBQ-G515 fully automatic double-head multi-wire
shell inserting machine (second generation) is a
fully automatic double-head multi-wire harness
processing equipment of wire terminal crimping,
inserting shell, tail tinning or double-head

multi-wire inserting shell, suitable for automotive wire harness, home appliance electronic wire and line. The layout of the whole machine adopts modular design, high efficiency, easy debugging, support for rapid type change, 1 hour change completed. The equipment is equipped with terminal pressure detection, peeling CCD detection (optional), terminal CCD appearance detection (optional), terminal in place CCD detection (optional), NG cut off anti-stay, to prevent the outflow of inferior products. Key components are imported or well-known domestic brands to ensure the reliability of the equipment.

产品特征 **Product Features**

- 1 小时产品快速换型；
- 端子压接后无重叠；
- 整机全部采用伺服系统，直线运动精密研磨丝杆导轨，结构精巧紧凑，效率更高；
- 剥皮采用双工位设计，前后剥皮刀口方便调试；
- 友好的 PC 机界面，采用工业计算机控制，方便连接 MES；

- 前后双屏幕，方便调试；
- 1 hour product quick change；
- Terminals do not overlap after crimping；
- The whole machine adopts servo system, linear motion precision grinding screw guide rail, compact structure and higher efficiency；
- Peeling adopts double-station design, front and rear peeling cutters are convenient for debugging；
- Friendly PC interface with industrial computer control for easy connection to MES；
- Front and rear dual screen for easy debugging；

产品参数 **Product Parameter**

型号	HBQ-G515
功能	端子压接，双头插壳，一头插壳一头沾锡，端子压力检测，端子外观 CCD 检测，剥皮 CCD 检测，端子到位 CCD 检测

适用产品	双头插壳，一头插壳一头沾锡，双头压着一头插壳
加工范围	0.04~1mm ² （AWG32#-AWG18#）
加工长度	40~600mm（可加长定制）
产能效率	L=100 一出一时 450~500 套/H（一出几根据产品序列）
压着能力	伺服 2T
剥皮长度	A:1~6mm B:1~15mm
剥皮精度	±0.15mm
长度精度	±（0.2%*L+1）mm
沾锡长度	1~15mm
压接模具	排线专用模具
胶壳间距	0.8~3.96mm
尺寸	L1600×W1900×H1800mm

重量	1070kg
选配件	剥皮 CCD 检测 端子 CCD 外观检测 端子到位 CCD 检测 收线器可定制

Model	HBQ-G515
Function	Terminal crimping, double-head inserting shell, inserting shell at one end and tinning at the other end, terminal pressure detection, peeling CCD detection, terminal CCD appearance detection, terminal in place CCD detection
Applicable Product	Double-head inserting shell, inserting shell at one end and tinning at the other end, terminal pressure detection, double-head processing and inserting shell at one end
Processing Range	0.04~1mm ² (AWG32#-AWG18#)
Processing Length	40~600mm (Can be extended for customization)
Capacity efficiency	L=100 Out one at a time 450~500 sets/H (Out several at a time according to the product sequence)
Pressing Capacity	Servo 2T
Peeling Length	A:1~6mm B:1~15mm
Peeling Accuracy	±0.15mm
Length Accuracy	± (0.2%*L+1) mm
Tinning Length	1~15mm
Crimping Dies	Special die for wiring
Shell Spacing	0.8~3.96mm

Dimension	L1600×W1900×H1800mm
Weight	1070kg
Optional Accessories	Peeling CCD detection Terminal CCD appearance detection Terminal in place CCD detection Take-up can be customized