

HBQ-G502C 全自动双头旋剥压接机

产品简介

HBQ-G502C 全自动双头旋剥压接机是一种全自动双头压接端子的线束加工设备，功能包括端子压接，端子 CCD 外观检测（选装），旋剥功能（选装）等，整机布局采用模块化设计，效率高，调试方便。该设备配备端子压力检测、端子 CCD 外观检测（选装），防止次品流出。整机关键部件采用进口或者国内知名品牌，确保设备的可靠性。

HBQ-G502C 全自动双头旋剥压接机，整机包含：主机 1 套、放线机 1 套，收线器（按客户长度订做），主机可加工 40mm-9999mm 长的电线，加工线皮外径在 1-5 mm的电线，主机最快效率可达 3000-3200pcs/H（只双头压接，不开启旋剥）,放线机根据线轴定制，配有预送线功能，可防止出现电线长短线，选配拉力计、数显千分尺。

产品特征

- 效率高：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，最快可达 3200pcs/H；
- 刀口调试：剥皮采用不同落差设计，前后剥皮刀口方便调试；
- 操作便捷：友好的 PC 机界面，采用工业计算机控制，方便连接 MES；
- 人性化：机身整体结构简洁大方,符合人体工程学设计；

产品参数

型号	HBQ-G502C
线径范围	1~5mm（线皮外径）

长度范围	40~9999mm
产能效率	L=100 3000~3200pcs/H（双头压接） 1200pcs/H（旋剥双头压接） 800pcs/H（旋剥双头压接，CCD 检测）
压接力	伺服 2T
剥皮长度	A:1~10mm（V 刀） B:1~12mm（V 刀） 旋剥 A/B: 1~20mm
长度精度	$\leq 300$ 时 $\pm 0.5\text{mm}$ ； $\geq 300$ 时 $\pm (0.2\% * L + 1) \text{ mm}$
外形尺寸	L2310×W1100×H1850mm
重量	720kg
选配件	端子 CCD 外观检测 旋剥功能 拉力试验机 高度检测仪 收线器可定制

HBQ-G502C Automatic Stripping Double Head Crimping Machine

INTRODUCTION

The HBQ-G502C fully automatic double-headed rotating stripping and crimping machine is a harness processing equipment for fully automatic double-head terminal crimping . Its functions include terminal crimping, terminal CCD appearance inspection (optional), rotating stripping function (optional), etc. The whole machine adopts a modular design, featuring high efficiency and convenient debugging. The equipment is equipped with terminal pressure detection and terminal CCD appearance inspection (optional) to prevent the outflow of defective products. The key components of the machine are imported or sourced from well-known domestic brands to ensure the reliability of the equipment.

HBQ-G502C Fully Automatic Dual-End Rotary Stripping and Crimping Machine. The complete set includes: 1 host machine, 1 wire feeder, and a wire collector (customized to customer-specified length). The host machine can process wires with lengths ranging from 40mm to 9999mm and insulation outer diameters of 1~5mm. The maximum efficiency of the host machine reaches 3,000~3,200pcs/H (dual-end crimping only, without rotary stripping). The wire feeder is customized according to the spool specifications and is equipped with a pre-feeding function to prevent wires from being of different lengths. Optional accessories include a tension meter and a digital display micrometer.

## FEATURES

- High efficiency:The whole machine is fully equipped with a servo system, and the

linear motion adopts precision ground lead screw guide rails. The structure is ingenious and compact, providing higher efficiency, with a maximum speed of up to 3200pcs/H.

● Blade debugging: The stripping part adopts a design with different height differences, and the front and rear stripping blades are convenient for debugging.

● Convenient operation: It has a user-friendly PC interface and is controlled by an industrial computer, making it convenient to connect to the MES system.

● Humanized design: The overall structure of the machine body is simple and elegant, and it conforms to the ergonomic design.

#### SPECIFICATIONS

Type	HBQ-G502C
Wire Diameter Range	1~5mm (outer diameter of the wire insulation sheath))
Length Range	40~9999mm
Capacity Efficiency	L=100 3000~3200pcs/H (Double-head crimping) 1200pcs/H (Double-headed rotating stripping and crimping) 800pcs/H ( Double-headed rotating stripping and crimping, CCD inspection)
Crimping Force	Servo 2T

Stripping Length	<p>A:1~10mm （using V-shaped cutter）</p> <p>B:1~12mm （using V-shaped cutter）</p> <p>Rotary stripping length for A/B: 1~20mm</p>
Length Accuracy	$\leq 300, \pm 0.5\text{mm}; \geq 300, \pm (0.2\% * L + 1) \text{ mm}$
Overall Dimension	L2310×W1100×H1850mm
Weight	720kg
Notes	<p>Terminal CCD appearance inspection</p> <p>Rotary stripping function</p> <p>Tensile tester</p> <p>Height detector</p> <p>Wire winder can be customized</p>