

HBQ-910A-D 电连&安波福 FAKRA 自动线

产品简介

HBQ-910A-D FAKRA 自动线可完成电连 FAKRA，安波福 FAKRA 产品的自动穿尾盖，穿防水栓，穿铜环，剥线皮，封压环压接，翻网，去铝箔，剥芯线，压接中心针，穿散件外导体，链件外导体组装，压接外导体及一系列检测等功能。

产品特征

●人性化操作

采用人机触摸屏+移动屏操作方式，使用简单、方便，可快速实现设备的生产操作；

●简易化切换

多料号自由切换，实现快速切换配方排产，自动化程度高，可满足市场对 Fakra 线束工艺加工及生产效率需求；

●高品质压接

压接机配备压力管理系统，压接过程实时监控及检测数据保存；

●模组化生产

设备布局灵活，功能模组模块化，功能模组+载具循环布局；

●目视化管理

产品数据分类存储，具备 MES 系统对接接口，刀具寿命管控；

●大品牌元件

采用品牌电气元件，确保设备的长期运转稳定性；

●科技感外观

方钢机架双色搭配，厚重、简洁、大方；

产品参数

型号	HBQ-910A-D
线径范围	2.8&3.3mm
长度范围	人工上线，L>500mm； 摆 U 自动上线，700<L≤1700mm； 打卷自动上线，1700<L≤8000mm；
剥皮长度	0.5~30mm
剥皮层数	1~3 层
进刀调整精度	0.01mm
压接力	2T
压接行程	30mm/40mm
CT	<5S
气源	5~6bar

噪音水平	≤75db
电源	AC380V/50Hz
外形尺寸	约 L26000×W1800×H2200mm
重量	15000kg
备注	加工产品种类可定制；当加工产品组合变更时，外形尺寸及重量会有对应变化。

## HBQ-910A-D TE Connectivity&Aptiv FAKRA Automatic Production Line

### INTRODUCTION

HBQ-910A-D FAKRA automatic production line can automatically achieve functions such as tail-cover insertion, seals insertion, copper-ring insertion, wire stripping, crimping of compression rings, wire-mesh turning, aluminum-foil removal, core-wire stripping, center-pin crimping, loose - piece outer-conductor insertion, chain-piece outer-conductor assembly, outer-conductor crimping, and a series of inspections for FAKRA products of TE Connectivity and Aptiv.

### FEATURES

#### ●User-friendly operation

It adopts the operation mode of a human-machine touch screen+mobile screen, which is simple and convenient to use, enabling quick production operation of the equipment.

#### ●Simplified switching

It allows free switching of multiple part numbers, enabling quick switching of production formula. With a high degree of automation, it can meet the market's demands for Fakra wire harness processing technology and production efficiency.

#### ●High-quality crimping

The crimping machine is equipped with a pressure management system to monitor the crimping process in real - time and save detection data.

#### ●Modular production

The equipment has a flexible layout, with functional modules being modular. It features a layout of functional modules + carriers in a cycle.

#### ●Visual management

Product data is classified and stored. It has an interface for connecting to the MES system and enables tool life management.

#### ●Components from well-known brands

It uses brand - name electrical components to ensure the long-term operation stability of the equipment.

#### ●Sci-tech-sense appearance

The square steel frame has a two-color combination, presenting a solid, concise, and generous look.

### SPECIFICATIONS

Type	HBQ-910A-D
Wire Diameter Range	2.8&3.3mm
Length Range	Manual wire feeding: L > 500mm; Automatic wire feeding loading with U-shaped: 700mm < L ≤1700mm; Automatic wire feeding loading: 1700mm < L ≤8000mm
Stripping Length	0.5~30mm
Number Of Stripping Layers	1~3
Feeding Adjustment Accuracy	0.01mm
Crimping Force	2T
Crimping Stroke	30/40mm
CT	<5S
Air Supply	5~6bar
Noise Level	≤75db
Power Supply	AC380V/50Hz
Overall Dimensions	Approximately L26000×W1800×H2200mm
Weight	15000kg
Remarks	The types of processed products can be customized; When the combination of processed products changes, the overall dimensions and weight will change accordingly.