

8-48头线圈生产线主要技术参数

Main technical parameters of 8-48 coil production line



全自动绕线机 Full-automatic winding machine

本公司开发的全自动绕线机主要由绕线、捻线、沾锡三大部分组成，集自动上下料、自动捻线、自动绕线、自动沾锡、自动打弯、自动检测、自动装盘等功能于一体的全自动绕线机。绕线机系四轴联动。绕线圈数精确可设，绕线速度自动可调。沾锡机系三轴联动，沾锡温度260~550℃，温度控制精度±1℃。沾锡时间0~5秒可调，调整精度0.1秒。沾锡液面自动检测和自动补偿。捻线作为本机一个功能附件向用户提供，只用于较细线径需要折股缠头的线圈绕线。

The full-automatic winding machine developed by our Company is mainly composed of three parts including winding, twisting and soldering, integrating the automatic functions such as loading, unloading, twisting, winding, soldering, bending, detecting and packing. The winding machine has a four-spindle linkage. The number of turns can be precisely set and the winding speed is automatically adjustable. The soldering machine has a three-spindle linkage. Its soldering temperature is between 260 to 550 with a temperature control accuracy of ±1. The soldering time is adjustable from 0 to 5 seconds with an adjustment accuracy of 0.1 second. The soldering liquid can be detected and supplemented automatically. The twisting function is provided to the customers as a functional accessory and only used for the winding of coil which has a small wire diameter and needs to be folded and wrapped.

名称(Name)	HFXQXA-8-48 系列线圈生产线 (HFXQX 8-48 series coil production line)
型号(Model)	HFXQXA-8-48
主轴数 (Spindle number)	8-48
主轴间距 (Spindle interval)	20-120mm(依主轴间距而定) (subject to spindle interval)
主轴转速 (Spindle speed)	标准 (Standard): 15000rpm MAX:21000rpm
绕线线径 (Wire diameter)	Φ0.02-Φ0.3
控制系统 (Control system)	方式: 可编程控制器(PLC), 工控机(PC) (Mode: Programmable logic controller, industrial personal computer)
控制轴数 (Number of control spindle)	4 轴 (Four spindles)
主轴电机功率 (Spindle motor power)	2.9KW~4.4KW
电机总功率 (Total motor power)	4.5KW~9.5KW
气源 (Air supply)	0.4-0.6MPa
最大回转直径 (Max. swing diameter)	Φ115mm
电源 (Power supply)	三相 380V, 50Hz 中国大陆标准电网 (Three-phase, 380V, 50Hz, standard power grid of Mainland China)
功能 (Function)	集自动上料、自动插端子、自动绕线、自动送料、自动沾锡、自动打弯、自动检测、自动下料、自动排板、张紧力自动调节、主轴转速连续可调、绕线圈数可调等多功能组合设备。可附加自动捻线功能，也可以按客户要求扩展其它功能。(Automatic loading, automatic terminal inserting, automatic winding, automatic feeding, automatic soldering, automatic bending, automatic detecting, automatic unloading, automatic arranging, automatic tension adjustment, continuously adjustable spindle speed and adjustable number of turns, optional automatic twisting, other functions may also be added upon requirements of the customer.)