

NC Spring Making Machine

八轴数控弹簧成形机

型号: CK8120(JS-Z51K-12-8)
CK8140(JS-Z51K-14-8)

产品介绍

CK8120 是公司专业设计团队在消化、吸收了国际先进技术的基础上,做了重大改进和创新,属亚洲首创,功能增加,形成任意移动成簧控制刀具,调试变径范围很大的异形弹簧卷制更加方便,大小头第一圈更加圆滑,自动化程度更高,有八套伺服电机系统,由伺服电机直接驱动高强度进口滚珠丝杆,推动顶簧销滑板,全由电脑系统控制弹簧的外径,真正实现了电脑机的人机对话。新增摆动式变径机构,保证对钢丝的最佳施力方向,具有简单易学,成簧精度高,噪声低等特点。送料机构采用全封闭变速齿轮箱,有高速、低速两档变速,适合不同线径的需要,有效的提高一倍生产率;控制箱是中英文界面,有图形化程式,图像智能编程;具有直切、对切、摆切等功能。

技术参数 Specification

型号 Model	CK8120	CK8140	
Servo Axes 伺服轴数	8	8	
Wire Diameter 线径范围(mm)	6.0-12	7.0-14	
Outside Diameter 最大外径(mm)	150	200	
Wire Feed Length 送料长度	Limitless 无限	Limitless 无限	
Wire Feed Speed 送料速度(m/min)	I 档70 II 档140	I 档70 II 档140	
Production Rate 生产速度(pcs/min)	≤100	≤90	
Left or Right Winding Rate 左右旋绕比(Dm/d)	3	3	
Wire Feed Cam 送料轮(组)	5	5	
Wire Feed Axis 送料轴(kw)	30	30	
Diameter Axis 外径轴(kw)	3.8x2	4.5x2	
Pitch Axis 节距推刀轴(kw)	4.5	4.5	
Mid Diameter Axis 中变径轴(kw)	2.7x2	2.7x2	
Cutting Axis 切刀轴(kw)	15x2	20x2	
Servo Motor 伺服马达总动力(kw)	77.5	88.9	
Dimensions 机器尺寸	长L (mm)	3200	3450
	宽W (mm)	2250	2300
	高H (mm)	2600	2750
Machine Weight 机器重量(Kgs)	15000	20000	

Model: CK8120、CK8140

Introduction of Product

CK8120 is developed by our design team on the base of eight axis machine, made a lot of improvement and innovation, is the initiate of Asia, with more function, and can move the coiling tools optionally. Debug the spring with large diameter range more easy and the first coil more smooth, higher automation degree with eight servo motor system. The servo motor directly drives the imported high precision ball screw, push the coiling pin slider, the computer control the spring outside diameter, truly achieve man-machine dialogue. New additional swing diameter adjustable mechanism, insure the best force direction to the wire, has the feature of easy to learn, high precision and low noise. The feeding part adopt full closed variable speed gearbox, high speed and low speed, is suitable for different wire diameter, doubled the productivity effectively. The computer interface can be changed to Chinese or English, the graphical program can program automatically. The machine also has the function of straight cut, subtend cut, twist cut, swing cut and so on.



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发明专利技术

Invention patent technology

