

CNC Spring Making Machine

六轴数控弹簧成形机

型号: CK6180(JS-Z51K-18-6)

机器特点

6轴数控弹簧机有6套伺服电机, 完全抛弃了传统5轴操作繁琐的凸轮变径机构, 由数控系统直接控制弹簧外径和变径, 新工人易学易懂。卷制大线径弹簧时六组送料轮使各送料轴受力小, 钢丝原外形精度不被压伤, 足够的送料牵引力确保送料精度; 自身重量匹配足够, 辅助芯刀机构采用液压锁紧功能, 且升降后由液压顶紧固定, 操作方便, 震动小, 切口精度高; 换钢丝后钢丝弯头机构加快弹簧第一圈弯圆; 直切、对切、摆切、扭切功能齐全; 控制系统匹配远程互连网络接口, 软件具有图可视化自动编程模板, 输入所需数值后, 系统自动生成弹簧程序, 略加修改就可完成所需卷制的弹簧。可配备影像检测仪。

技术参数 Specification

型号 Model	CK6180	
Servo Axes 伺服轴数	6	
Wire Diameter 线径范围(mm)	9-18	
Outside Diameter 最大外径(mm)	250	
Wire Feed Length 送料长度	Limitless 无限	
Wire Feed Speed 送料速度(m/min)	I 档37 II 档100	
Production Rate 生产速度(pcs/min)	≤85 可生产汽车悬架簧 约10只/分钟	
Left or Right Winding Rate 左右旋绕比(Dm/d)	3	
Wire Feed Cam 送料轮(组)	6	
Wire Feed Axis 送料轴(kw)	55	
Diameter Axis 外径轴(kw)	5.5 × 2	
Pitch Axis 节距推刀轴(kw)	5.5	
Upper Cutting Axis 上切刀轴(kw)	25	
Lower Cutting Axis 下切刀轴(kw)	25	
Servo Motor 伺服马达总动力(kw)	121.5	
Dimensions 机器尺寸	长L (mm)	4550
	宽W (mm)	2550
	高H (mm)	2950
Machine Weighing Weight 机器过磅重量(kg)	30000	

说明: 机器过磅重量是主机重量 (不含送料架、电柜、刀具和附件的重量)。

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Machine Features

6 axis CNC spring machine has 6 sets of servo motors, completely abandoned the traditional 5 axis CAM reducing mechanism whose operation is cumbersome, by the CNC system directly control the spring diameter and reducing diameter, new workers easy to learn and easy to understand. When coiling large wire diameter spring, six sets of wire feeding rollers make each wire feeding shaft bear less force, the original shape precision of steel wire is not crushed, enough wire feeding traction to ensure the wire feeding precision; The weight of itself is sufficient, the assist mandrel mechanism adopts the hydraulic locking function, and it is fixed by the hydraulic jacking after lifting, which is easy to operate, with small vibration and high incision precision; Wire bending mechanism will speed up for the first circle of spring bending after change a new wire. The functions of straight cut, subtrend cut, swing cut, twist cut are complete. The control system matches the remote internet interface, and the software has a graphical automatic programming template. After inputting the required value, the system will automatically generate a spring program, and the required coiled spring can be completed by slight modification. The machine can be equipped with imaging measuring instrument.



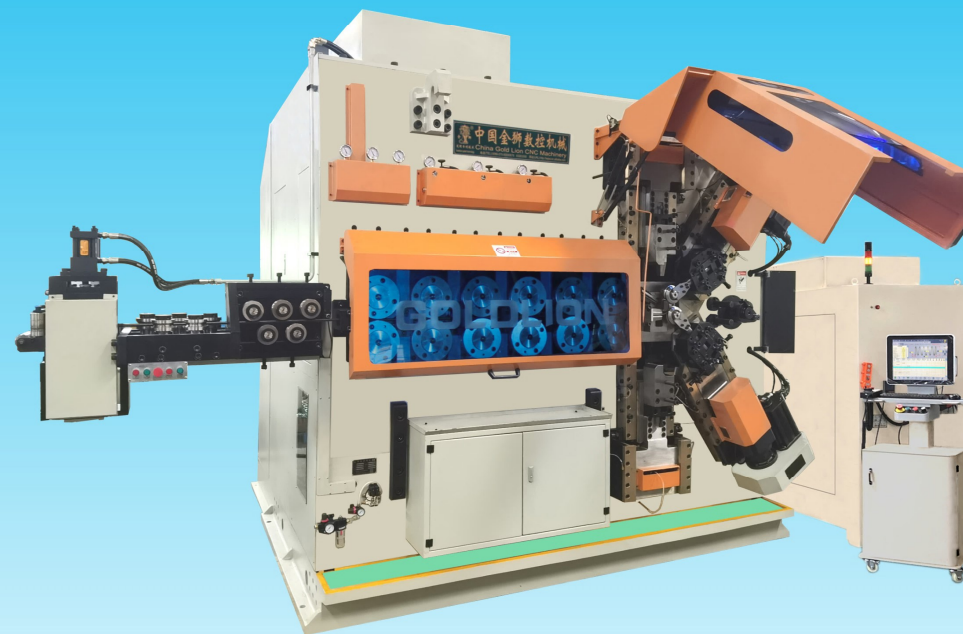
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六轴数控弹簧成形机

发明专利技术

Invention patent technology



● 本样本的外观、参数等如有更改, 以实物和协议为准。