

# CNC Spring Making Machine

## 六轴数控弹簧成形机

型号: CK660(JS-Z51K-6-6)

### 机器特点

CK660型数控弹簧机有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。辅助芯刀机构采用手动或自动锁紧功能,操作方便,震动小,切口精度高;直切、对切、摆切、扭切功能齐全;控制系统匹配远程互联网络接口,软件具有图示化自动编程模板,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                                  | CK660           |      |
| Servo Axes<br>伺服轴数                        | 6               |      |
| Wire Diameter<br>线径范围(mm)                 | 1.5-6.0         |      |
| Outside Diameter<br>最大外径(mm)              | 90              |      |
| Wire Feed Length<br>送料长度                  | Limitless<br>无限 |      |
| Wire Feed Speed<br>送料速度(m/min)            | 0-150           |      |
| Production Rate<br>生产速度(pcs/min)          | ≤150            |      |
| Left or Right Winding Rate<br>左右旋绕比(Dm/d) | 3               |      |
| Wire Feed Cam<br>送料轮(组)                   | 3               |      |
| Wire Feed Axis<br>送料轴(kw)                 | 15              |      |
| Diameter Axis<br>变径轴(kw)                  | 2×2             |      |
| Pitch Axis<br>节距推刀轴(kw)                   | 2               |      |
| Upper Cutting Axis<br>上切刀轴(kw)            | 3.8             |      |
| Lower Cutting Axis<br>下切刀轴(kw)            | 3.8             |      |
| Servo Motor<br>伺服马达总动力(kw)                | 28.6            |      |
| Dimensions<br>机器尺寸                        | 长L (mm)         | 1900 |
|   | 宽W(mm)          | 1285 |
|   | 高H (mm)         | 2150 |
| Machine Weight<br>机器重量(kg)                | 3600            |      |

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### Machine Features

CK660 CNC spring making 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. 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; The functions of straight cut, subtend 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.

● 本样本的外观、参数等如有更改,以实物和协议为准。



# CK660

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## 发明专利技术

## Invention patent technology

