

HCT-35W/20B

三/四轴数控万能弹簧成形机

3-4 Axis CNC Versatile Spring Forming Machine



Servo Spinner
卷曲



▶ 产品介绍 Description

HCT-35W/20B 三轴、四轴数控万能弹簧成型机，是一款由台湾电脑程序控制的高精度弹簧成型机，采用日本先进的工业伺服电机系统，透过CNC程式码，分别对送线系统与凸轮传动系统做同步的控制，可达到24小时精确的运转。此机一共4轴，凸轮一轴，送线一轴，转芯一轴，卷曲一轴(订配)，适合生产各种压簧，拉簧，单(双)扭簧，塔簧，扁线簧，异形弹簧等。

由于本机使用高精度的伺服马达及电脑控制，因此配合伺服卷曲一轴，即可轻易地生产出尺寸精密且角度复杂的弹簧。

HCT-35W/20B 3/4 axis CNC Versatile Spring Rotating Forming Machine adopts TaiWan CNC control system and Japan Sanyo/Yaskawa Servo Motors to control the feeding system and Cam system synchronously. It has total 4 axis, the Cam axis, Feeding axis, Quill Rotary axis, and the Spinner axis (optional). This machine is suitable for making various Compression spring, Extension spring, Single (double) torsion spring, Tower shaped compression spring, Flat wire spring, and any kind wire forming.

Because this machine adopts the high accurate servo motor and CNC control system, it can produce the accurate size and complex spring if adds the Spinner axis.

▶ 技术参数 Specification

| Model | HCT-35W | Model | HCT-20B |
|---------------------------------|-------------------|---------------------------------|------------------|
| 轴数 Number of Axis | 3-4 轴 (axis) | 轴数 Number of Axis | 3-4 轴 (axis) |
| 加工线径 Wire Size Range | Φ1.2-4.0 mm | 加工线径 Wire Size Range | Φ0.2-2.0 mm |
| 最大弹簧外径 Max Outside Diameter | Φ80 mm | 最大弹簧外径 Max Outside Diameter | Φ50 mm |
| 最大送线长度 Max. Feeding Length | 无限长 (Unlimited) | 最大送线长度 Max. Feeding Length | 无限长 (Unlimited) |
| 最大送线速度 Max Feeding Speed | 110 m/min | 最大送线速度 Max Feeding Speed | 110 m/min |
| 凸轮指令值 Cam Setting Value | ±0.1° ~ ±359.9° | 凸轮指令值 Cam Setting Value | ±0.1° ~ ±359.9° |
| 最大生产速度 Max. Production Rate | 60 pcs/min | 最大生产速度 Max. Production Rate | 70 pcs/min |
| 送线伺服电机 Wire Feeding Servo Motor | 5.5 kw | 送线伺服电机 Wire Feeding Servo Motor | 2.7 kw |
| 凸轮伺服电机 Cam Servo Motor | 4.5 kw | 凸轮伺服电机 Cam Servo Motor | 2.7 kw |
| 转芯伺服电机 Quill Servo Motor | 1.0 kw | 转芯伺服电机 Quill Servo Motor | 1.0 kw |
| 电源 Power | 3P 380V 50HZ | 电源 Power | 3P 380V 50HZ |
| 机器尺寸 Dimension (LxWxH) | 1000x1300x1900 mm | 机器尺寸 Dimension (LxWxH) | 800x1100x1750 mm |
| 机器重量 Weight | 2000 kg | 机器重量 Weight | 1200 kg |

以上参数如有变更，恕不另行通知
Notice shall not be given in case alteration of parameters, please excuse.