

# HCT-1025

## 十轴无凸轮数控万能弹簧成形机

10 Axis Camless CNC Versatile Spring Forming Machine



Lateral Movement Arm  
左右摆自由手



Super Spinner  
伺服自由机械手



### 产品介绍 Description

HCT-1025十轴无凸轮数控万能弹簧成形机，是基于我司传统3轴HCT-20B凸轮八爪机的基础上升级成全无凸轮机，加工线径 $\phi$  0.2~2.5mm，适用于生产各种精密压簧、拉簧、扭簧、涡卷簧、塔形簧、扁线弹簧、异形簧及线成型等产品，广泛应用于电子、玩具、办公耗材、医疗器械、日用夹具、汽车、国防和航天等行业领域。

HCT-1025 10 axis camless CNC universal spring forming machine which is upgraded to camless machine basing on our traditional 3 axis HCT-20B cam eight claw machine. The wire size range is  $\phi$ 0.2~2.5 mm, suitable for the production of a variety of precision pressure spring, pull spring, torsion spring, scroll spring, tower spring, flat spring, shaped spring and line forming products, widely used in electronics, toys, office consumables, medical equipment, daily fixture, automotive, national defense and aerospace industries.

HCT-1025十轴无凸轮数控万能弹簧成形机，引用了CNC电脑控制系统和日本伺服电机，采用了独特的无凸轮和无摇臂设计，刀架由八组伺服马达独立控制，其中刀架八轴、送线1轴、转芯1轴，其统成由曲柄连杆成形系统、送线系统、校直系统及转芯系统等组成。与传统凸轮弹簧机相比，降低了操作难度，调机速度提升达50%以上，极大地提高了工作效率。

HCT-1025 10 axis camless CNC universal spring forming machine adopts the Taiwan CNC control system and the Japanese servo motor. The tool holder is independently controlled by eight groups of servo motors. There are tool holder 8 axis, Wire feeding 1 axis and Quill rotating axis. Compared with the traditional cam spring machine, the operation difficulty is reduced, the speed of the adjusting machine is increased by more than 50%, and the working efficiency is greatly improved.

### 技术参数 Specification

Model	HCT-1025
轴数 Number of Axis	10 轴
加工线径 Wire Size Range	$\phi$ 0.2 ~ 2.5mm
最大送线速度 Max Feeding Speed	120m/min
送线轮组数 Feeding Roller Pairs	3 组 ( Pairs )
送线伺服电机 Feeding Motor	2.7KW
转芯伺服电机 Quill Motor	0.75kw
成形伺服电机 Forming Motor	0.85kw*8(安川 Yaskawa)或1.2kw*8(山洋Sanyo)
卷曲伺服电机 Spinner Motor	0.4kw
机器尺寸 Dimenssion(LxWxH)	1100x1400x1900mm
机器总重 Weight	1300kg

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.