

KCMCO[®]

東莞市開創精密機械有限公司
DONGGUAN KAICHUANG PRECISION MACHINERY CO., LTD



英文网站



中文网站



DONGGUAN • GUANGDONG • CHINA

KCMCO[®]

KAICHUANG PRECISION MACHINERY

品質優先 / 用戶至上 / 精益求精
Quality priority, Customer first, Keep improving



无凸轮数控弹簧机
Camless CNC Spring Forming Machine

数控高速卷簧机
CNC High Speed Coiling Machine

数控万能弹簧机
CNC Versatile Spring Forming Machine

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 東莞市開創精密機械有限公司
DONGGUAN KAICHUANG PRECISION MACHINERY CO., LTD

CORPORATE PROFILE

公司简介

东莞市开创精密机械有限公司（简称“开创机械”）是中国机械工程学会弹簧技术学组会员，公司创立于2003年，是一家专业从事研发、设计、生产、销售与服务为综合一体的弹簧设备生产型企业，也是目前国内自主开发数控弹簧机种类最完善、覆盖广的弹簧机械制造厂家之一。其中，主导机型涵盖了线径 $\phi 0.15-8.0\text{mm}$ 之间二十多种不同型号的数控电脑弹簧机产品，比如数控高速卷簧机（常规压簧机与多轴压簧机系列）、数控万能弹簧机（常规八爪弹簧机与转线弹簧机系列）与无凸轮弹簧机（包括十轴至十八轴无凸轮机系列）等数控弹簧机设备，并配套有多种型号的全自动送线架以及弹簧机刀具/配件等。

东莞市开创精密机械有限公司一贯遵循“品质优先、用户至上和精益求精”的发展方针，坚持“以质取胜、售后完善和追求规模效益”的经营理念，经过多年的发奋图强与开拓创新，已连续多年在同行业产品中位居全国前列。在未来日益竞争激烈的全球化市场中，我公司将一如既往地以追求卓越的品质、合理的价格、准时的交货期和完善的售后服务体制为目标，用我们的专业与诚信更好的服务于广大客户，并对客户实行售前、售中和售后的全程服务。



KCMCO

Dongguan Kaichuang Precision Machinery Co., Ltd (referred to "KCMCO") is a high-tech enterprise located in Dongguan city, is one member of Springs Technology Group of Chinese Mechanical Engineering Society, engaged in R&D, manufacture, sales and services of CNC spring machine, was founded in 2003.

KCMCO Focus on advanced computerized multi-axes spring machine、Camless spring machine、CNC Versatile Spring Rotating and Former machine & Wire bending machine & CNC Compression Spring Machine、Decoilers & Accessories. Introducing Taiwan controlling technology and Japan servo motor and imported bearing gear to produce variety of springs with the feature of high precision of feeding, stable, easy operation and precise shaping as well as novel and attractive appearance.

KCMCO Spring machine allowed to produce different types of springs including torsion spring, tension spring, compression spring, wave spring, and other different type shaped springs; which widely applied into Automation, automobile, Electronics, new energy and other Machineries industries.

Insisting on the managerial principle of "Quality Priority, Customer Frist, Keeping improvment" KCMCO had established a strong sales and service network and exported all over the world.

Now, we are constantly expanding the market, pls join us, to be our partners over the world, and let us create a better spring machine business.



QUALITY
品质



FAITHFULNESS
诚信



CREATIVE
创新

COMPANY HONOR

公司荣誉



KCMCO®

CORPORATE CULTURE

企业文化



使命 /MISSION

- 开创机械致力于提供卓越品质与优质服务，让客户买的放心、用的舒心、售后安心。
- 开创机械秉承“专业制造，科技创新”的理念，在发展中求生存，在挑战中寻机遇。
- 开创机械坚持以市场需求为导向，通过“一站式产品服务”为客户解决问题，并利用自身的优势更好地服务于市场。
- Pioneer machinery is committed to providing excellent quality and quality service, so that customers can buy the rest assured, comfortable, after-sales peace of mind.
- Adhering to the concept of "professional manufacturing, scientific and technological innovation", we seek survival in development and seek opportunities in challenges.
- Pioneer machinery adhere to the market demand-oriented, through the "one-stop product service" to solve problems for customers, and use their own advantages to better serve the market.

DEVELOPMENT PATH

发展历程

历史
我们的成长记录
DEVELOPMENT HISTORY

2009 YEAR

2009年，十二轴无凸轮弹簧机问世并成功推向市场。

In 2009, the 12-axis camless spring machine came out and was successfully introduced to the market.



Future

公司将继续前行，研发高精密度的数控弹簧机产品如0.03mm等。

KaiChuang machinery will continue to move forward and develop high-precision CNC spring machine products such as 0.03mm.



2003 YEAR

2003年，东莞市开创精密机械有限公司成立。

Established Dongguan Kaichuang Precision Machinery Co., Ltd



2007 YEAR

2007年，公司已形成规模并有多款数控电脑弹机产品成功上市。

In 2007, the company has formed a scale and has a number of CNC computer machine products successfully listed.



2021 YEAR

2021年，在国内同行业中位居前列，产品畅销海外40多个国家及地区。

In 2021, it is in the forefront of the domestic industry, and its products are sold well in more than 40 countries and regions overseas.



PRODUCTION WORKSHOP

生产车间

机械加工车间 / PRECISE MACHINING



组装车间 / ASSEMBLY



KCT-1280WZ



PRECISION
精密准确



SPEEDINESS
调机快速

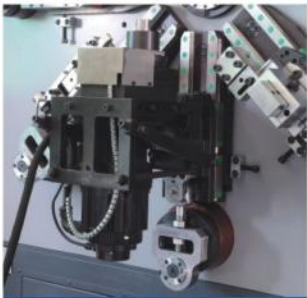


STABILITY
稳定可靠

十二轴无凸轮数控万能弹簧转线成形机
12-Axis Camless CNC Versatile Spring
Rotating Forming Machine

KCT-1280WZ十二轴无凸轮数控万能弹簧转线成形机，引进台湾电脑数控系统和日本进口伺服电机，采用独特的无凸轮与无摇臂设计，由曲柄连杆成形系统、送线系统、转芯系统、转线系统及校直系统等组成，各伺服轴可以独立运行实现同步或异步操作，互不影响。其中，刀架结构由8个伺服电机独立驱动，即刀架8轴、送线1轴、转芯1轴、转线1轴及卷曲1轴；本机可以增加伺服剪刀功能，切割噪音小，对芯棒及机器的损害降为零。该机台适用于生产线径Φ3.0-8.0mm之间的各种精密压簧、拉簧、单/双扭簧、异形弹簧、涡卷弹簧、扁线弹簧及线成形等产品，应用涉及家具五金、生活厨具、商超、卫浴、汽车、新能源、农用机械、矿山机械、铁路及航空航天等领域。

KCT-1280WZ 12-axis camless CNC universal spring wire forming machine, the introduction of Taiwan computer numerical control system and Japan imported servo motor, using a unique camless and rocker arm design, by the crank connecting rod forming system, wire feeding system, core system, wire turning system and alignment system, each servo shaft can operate independently to achieve synchronous or asynchronous operation. It doesn't affect each other. Among them, the tool rest structure is independently driven by 8 servo motors, namely, 8 axes of the tool rest, 1 axis of wire feeding, 1 axis of core turning, 1 axis of wire turning and 1 axis of crimping; This machine can increase the servo scissors function, cutting noise is small, the damage to the mandrel and the machine is reduced to zero. The machine is suitable for all kinds of precision compression springs, tension springs, single/double torsion springs, special-shaped springs, coiled springs, flat wire springs and wire forming products of the production line with diameter 3.0-8.0mm. The applications are involved in furniture hardware, kitchen utensils, supermarket, bathroom, automobile, new energy, agricultural machinery, mining machinery, railway and aerospace and other fields.



伺服卷曲
SERVO CRIMPING



伺服剪刀
SERVO SCISSOR



高频机
HIGH FREQUENCY MACHINE



冷水机
COOLING WATER MACHINE

产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-1280WZ
轴数 Axis Count	12轴
加工线径 Wire Diameter	Φ3.0-8.0mm
送线速度 Wire Feeding Speed	0-100m/min
旋绕比 Spring Index	4
送线轮组数 Feeding Roller Group	4组
送线伺服电机 Wire Feeding Servo Motor	15.0kw
成形伺服电机 Forming Servo Motor	4.4kw*8
转芯伺服电机 Quill Servo Motor	1.8kw
转线伺服电机 Wire Rotation Servo Motor	7.5kw
卷曲伺服电机 Spinner Servo Motor	1.8kw
送线指令值 Feeding Of Value	±0.01-99999.99mm
转线指令值 Wire Rotation Of Value	±0.1-359.9°
屏幕显示 Monitor Display	彩色 中/英文
存诸程序 Memory Capacity	1000个
气压值 Air Pressure Value	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	5 Pairs
机器尺寸 Dimension (L*W*H)	4000*2000*2800mm
机器重量 Weight	12000kg
电源 Power AC	3P-380V 50/60HZ

产品特点 /FEATURES

最大可扩展至18轴 Max.18 Axis	远程监控 Remote Monitoring
所有轴独立工作 All Axes Work Independently	USB端口 USB Port
台湾电脑及系统 Taiwan Control/Linux System	日本伺服电机 Janpan Servo Motor
正反360° 转线 360 Degree Wire Rotation	可选伺服剪刀 Optional Servo Cutter

KCT-1260WZ

十二轴无凸轮数控万能弹簧转线成形机
12-Axis Camless CNC Versatile Spring
Rotating Forming Machine

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PRECISION
精密准确
- 

SPEEDINESS
调机快速
- 

STABILITY
稳定可靠

KCT-1260WZ十二轴无凸轮数控万能弹簧转线成形机，引进台湾电脑数控系统和日本进口伺服电机，采用独特的无凸轮与无摇臂设计，由曲柄连杆成形系统、送线系统、转芯系统、转线系统及校直系统等组成，各伺服轴可以独立运行实现同步或异步操作，互不影响。其中，刀架结构由8个伺服电机独立驱动，即刀架8轴、送线1轴、转芯1轴、转线1轴及卷曲1轴；本机可以增加伺服剪刀功能，切割噪音小，对芯棒及机器的损害降为零。该机台适用于生产线径Φ2.0-6.0mm之间的各种精密压簧、拉簧、单/双扭簧、异形弹簧、涡卷弹簧、扁线弹簧及线成形等产品，应用涉及家具五金、生活厨具、商超、卫浴、汽车、新能源、农用机械、矿山机械、铁路及航空航天等领域。

KCT-1260WZ 12-axis camless CNC universal spring wire forming machine, the introduction of Taiwan computer numerical control system and Japan imported servo motor, using a unique camless and rocker arm design, by the crank connecting rod forming system, wire feeding system, core system, wire turning system and alignment system, each servo shaft can operate independently to achieve synchronous or asynchronous operation. It doesn't affect each other. Among them, the tool rest structure is independently driven by 8 servo motors, namely, 8 axes of the tool rest, 1 axis of wire feeding, 1 axis of core turning, 1 axis of wire turning and 1 axis of crimping; This machine can increase the servo scissors function, cutting noise is small, the damage to the mandrel and the machine is reduced to zero. The machine is suitable for all kinds of precision compression springs, tension springs, single/double torsion springs, special-shaped springs, volute springs, flat wire springs and wire forming products of the production line with diameter between 2.0-6.0mm. The applications are involved in furniture hardware, kitchen utensils, supermarket, bathroom, automobile, new energy, agricultural machinery, mining machinery, railway and aerospace and other fields.



产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-1260WZ
轴数 Axis Count	12轴
加工线径 Wire Diameter	Φ2.0-6.0mm
送线速度 Wire Feeding Speed	0-100m/min
旋绕比 Spring Index	4
送线轮组数 Feeding Roller Group	4组
送线伺服电机 Wire Feeding Servo Motor	7.5kw
成形伺服电机 Forming Servo Motor	4.4kw*8
转芯伺服电机 Quill Servo Motor	1.8kw
转线伺服电机 Wire Rotation Servo Motor	5.5kw
卷曲伺服电机 Spinner Servo Motor	1.8kw
送线指令值 Feeding Of Value	±0.01-99999.99mm
转线指令值 Wire Rotation Of Value	±0.1-359.9°
屏幕显示 Monitor Display	彩色 中/英文
存诸程序 Memory Capacity	1000个
气压值 Air Pressure Value	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	5 Pairs
机器尺寸 Dimension (L*W*H)	3800*2000*2200mm
机器重量 Weight	8000kg
电源 Power AC	3P-380V 50/60HZ

产品特点 /FEATURES

最大可扩展至18轴 Max.18 Axis	远程监控 Remote Monitoring
所有轴独立工作 All Axes Work Independently	USB端口 USB Port
台湾电脑及系统 Taiwan Control/Linux System	日本伺服电机 Janpan Servo Motor
正反360° 转线 360 Degree Wire Rotation	可选伺服剪刀 Optional Servo Cutter

KCT-1245WZ

十二轴无凸轮数控万能弹簧转线成形机
12-Axis Camless CNC Versatile Spring
Rotating Forming Machine

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PRECISION
精密准确
- 

SPEEDINESS
调机快速
- 

STABILITY
稳定可靠

KCT-1245WZ十二轴无凸轮数控万能弹簧转线成形机，引进台湾电脑数控系统和日本进口伺服电机，采用独特的无凸轮与无摇臂设计，由曲柄连杆成形系统、送线系统、转芯系统、转线系统及校直系统等组成，各伺服轴可以独立运行实现同步或异步操作，互不影响。其中，刀架结构由8个伺服电机独立驱动，即刀架8轴、送线1轴、转芯1轴、转线1轴及卷曲1轴；本机可以增加自由手功能，轻松实现一刀多用化；也可以增加伺服剪刀功能，切割噪音小，对芯棒及机器的损害降至为零。该机台适用于生产线径Φ1.2-4.5mm之间的各种精密压簧、拉簧、单/双扭簧、异形弹簧、涡卷弹簧、扁线弹簧及线成形等产品，应用涉及家具五金、生活厨具、商超、卫浴、汽车、新能源、农用机械、矿山机械、铁路及航空航天等领域。

KCT-1245WZ twelve-axis camless CNC universal spring wire forming machine, the introduction of Taiwan CNC system and Japan imported servo motor, using a unique camless and rocker arm design, by the crank connecting rod forming system, wire feeding system, core system, wire turning system and alignment system, each servo shaft can operate independently to achieve synchronous or asynchronous operation. It doesn't affect each other. Among them, the tool rest structure is independently driven by 8 servo motors, namely, 8 axes of the tool rest, 1 axis of wire feeding, 1 axis of core turning, 1 axis of wire turning and 1 axis of crimping; This machine can increase the free hand function, easy to achieve a knife multi-purpose; Can also increase the servo scissors function, cutting noise is small, the damage to the mandrel and the machine is reduced to zero. The machine is suitable for all kinds of precision compression springs, tension springs, single/double torsion springs, special-shaped springs, volute springs, flat wire springs and wire forming products with a diameter of 1.2-4.5mm in the production line. The applications are involved in furniture hardware, kitchen utensils, supermarket, bathroom, automobile, new energy, agricultural machinery, mining machinery, railway and aerospace and other fields.



产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-1245WZ
轴数 Axis Count	12轴
加工线径 Wire Diameter	Φ1.2-4.5mm
送线速度 Wire Feeding Speed	0-110m/min
旋绕比 Spring Index	4
送线轮组数 Feeding Roller Group	3组
送线伺服电机 Wire Feeding Servo Motor	4.4kw
成形伺服电机 Forming Servo Motor	1.8kw*8
转芯伺服电机 Quill Servo Motor	1.8kw
转线伺服电机 Wire Rotation Servo Motor	4.4kw
卷曲伺服电机 Spinner Servo Motor	1.0kw
送线指令值 Feeding Of Value	±0.01-99999.99mm
转线指令值 Wire Rotation Of Value	±0.1-359.9°
屏幕显示 Monitor Display	彩色 中/英文
存储程序 Memory Capacity	1000个
气压值 Air Pressure Value	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	5 Pairs
机器尺寸 Dimension (L*W*H)	3000*1600*1900mm
机器重量 Weight	4500kg
电源 Power AC	3P-380V 50/60HZ

产品特点 /FEATURES

最大可扩展至18轴 Max.18 Axis	远程监控/USB端口 Remote Monitoring/USB Port
所有轴独立工作 All Axes Work Independently	正反360° 转线 360 Degree Wire Rotation
台湾电脑及系统 Taiwan Control/Linux System	日本伺服电机 Janpan Servo Motor
可选万能机械手 Optional General Manipulator	可选伺服剪刀 Optional Servo Cutter

KCT-1220WZ

十二轴无凸轮数控万能弹簧转线成形机
12-Axis Camless CNC Versatile Spring
Rotating Forming Machine



PRECISION
精密准确



SPEEDINESS
调机快速



STABILITY
稳定可靠

KCT-1220WZ十二轴无凸轮数控万能弹簧转线成形机，引进台湾电脑数控系统和日本进口伺服电机，采用独特的无凸轮与无摇臂设计，由曲柄连杆成形系统、送线系统、转芯系统、转线系统及校直系统等组成，各伺服轴可以独立运行实现同步或异步操作，互不影响。其中，刀架结构由8个伺服电机独立驱动，即刀架8轴、送线1轴、转芯1轴、转线1轴及卷曲1轴；本机可以增加自由手功能，轻松实现一刀多用化；也可以增加伺服剪刀功能，切割噪音小，对芯棒及机器的损害降至为零。该机主要适用于生产线径Φ0.3-2.0mm之间的各种精密压簧、拉簧、单/双扭簧、异形弹簧、涡卷弹簧、扁线弹簧及线成形等产品，涉及精密电子、仪器仪表、生活玩具、办公耗材、医疗器械、日用夹具、汽车、国防及航天等行业领域。此外，与传统的凸轮弹簧机相比，该机床大幅降低了人工作业难度，调机速度提升达50%以上，极大地提高了工作效率。

KCT-1220WZ 12-axis camless CNC universal spring wire forming machine, the introduction of Taiwan computer numerical control system and Japan imported servo motor, using a unique camless and rocker arm design, by the crank connecting rod forming system, wire feeding system, core system, wire turning system and alignment system, each servo shaft can operate independently to achieve synchronous or asynchronous operation. It doesn't affect each other. Among them, the tool rest structure is independently driven by 8 servo motors, namely, 8 axes of the tool rest, 1 axis of wire feeding, 1 axis of core turning, 1 axis of wire turning and 1 axis of crimping; This machine can increase the free hand function, easy to achieve a knife multi-purpose; Can also increase the servo scissors function, cutting noise is small, the damage to the mandrel and the machine is reduced to zero. The machine is mainly suitable for various precision compression springs, tension springs, single/double torsion springs, special-shaped springs, volute springs, flat wire springs and wire forming products of the production line with diameter 0.3-2.0mm, involving precision electronics, instruments, toys, office supplies, medical equipment, daily fixtures, automobiles, national defense and aerospace and other industries. In addition, compared with the traditional CAM spring machine, the machine greatly reduces the difficulty of manual operation, and the adjustment speed is increased by more than 50%, which greatly improves the work efficiency.



万能机械手 /SERVO LATERAL MOVEMENT



伺服卷曲 /SERVO SPINNER



自由机械手 /FREE SERVO CUTTER

产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-1220WZ
轴数 Axis Count	12轴
加工线径 Wire Diameter	Φ0.3-2.0mm
送线速度 Wire Feeding Speed	0-120m/min
送线轮组数 Feeding Roller Group	2组
送线伺服电机 Wire Feeding Servo Motor	2.9kw
成形伺服电机 Forming Servo Motor	0.85kw*8
转芯伺服电机 Quill Servo Motor	1.0kw
转线伺服电机 Wire Rotation Servo Motor	2.9kw
卷曲伺服电机 Spinner Servo Motor	0.4kw
送线指令值 Feeding Of Value	±0.01-99999.99mm
转线指令值 Wire Rotation Of Value	±0.1-359.9°
屏幕显示 Monitor Display	彩色 中/英文
存储程序 Memory Capacity	1000个
气压值 Air Pressure Value	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	5 Pairs
机器尺寸 Dimension (L*W*H)	1600*1160*1750mm
机器重量 Weight	1700kg
电源 Power AC	3P-380V 50/60HZ

产品特点 /FEATURES

最大可扩展至18轴 Max.18 Axis	远程监控/USB端口 Remote Monitoring/USB Port
所有轴独立工作 All Axes Work Independently	正反360° 转线 360 Degree Wire Rotation
台湾电脑及系统 Taiwan Control/Linux System	日本伺服电机 Janpan Servo Motor
可选万能机械手 Optional General Manipulator	可选伺服剪刀 Optional Servo Cutter

KCT-1020

十轴无凸轮数控万能弹簧成形机
10-Axis Camless CNC Versatile Spring
Forming Machine



PRECISION
精密准确



SPEEDINESS
调机快速



STABILITY
稳定可靠

KCT-1020十轴无凸轮数控万能弹簧成形机，引进台湾电脑数控系统和日本进口伺服电机，采用独特的无凸轮与无摇臂设计，由曲柄连杆成形系统、送线系统、转芯系统及校直系统等组成，各伺服轴可以独立运行实现同步或异步操作，互不影响。其中，刀架结构由8个伺服电机独立驱动，即刀架8轴、送线1轴及转芯1轴；本机可以增加卷曲装置，能够实现尺寸精密且角度复杂的产品一次成形；也可增加自由手功能，可以轻松实现一刀多用化；也可以增加伺服剪刀功能，切割噪音小，对芯棒及机器的损害降至为零。该机主要适用于生产线径Φ0.2-2.0mm之间的各种精密压簧、拉簧、单/双扭簧、异形弹簧、涡卷弹簧、扁线弹簧及线成形等产品，涉及精密电子、仪器仪表、生活玩具、办公耗材、医疗器械、日用夹具、汽车、国防及航天等行业领域。此外，与传统的凸轮弹簧机相比，该机床大幅降低了人工作业难度，调机速度提升达50%以上，极大地提高了工作效率。

KCT-1020 10-axis camless CNC universal spring wire forming machine, the introduction of Taiwan computer numerical control system and Japan imported servo motor, using a unique camless and rocker arm design, by the crank connecting rod forming system, wire feeding system, core system and alignment system, each servo shaft can operate independently to achieve synchronous or asynchronous operation, do not affect each other. Among them, the tool rest structure is independently driven by 8 servo motors, namely, the tool rest 8 axis, the wire feed 1 axis and the core 1 axis; The machine can increase the crimping device, can realize the size of the precise and complex Angle of the product forming; Can also increase the free hand function, can easily achieve a knife multi-purpose; Can also increase the servo scissors function, cutting noise is small, the damage to the mandrel and the machine is reduced to zero. The machine is mainly suitable for various precision compression springs, tension springs, single/double torsion springs, special-shaped springs, volute springs, flat wire springs and wire forming products of the production line with diameter 0.2-2.0mm, involving precision electronics, instruments, life toys, office supplies, medical equipment, daily fixtures, automobiles, national defense and aerospace industries. In addition, compared with the traditional CAM spring machine, the machine greatly reduces the difficulty of manual operation, and the adjustment speed is increased by more than 50%, which greatly improves the work efficiency.



万能机械手 /SERVO LATERAL MOVEMENT



伺服卷曲 /SERVO SPINNER



自由机械手 /FREE SERVO CUTTER

产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-1020
轴数 Axis Count	10轴
加工线径 Wire Diameter	Φ0.2-2.0mm
送线速度 Wire Feeding Speed	0-120m/min
送线轮组数 Feeding Roller Group	2组
送线伺服电机 Wire Feeding Servo Motor	2.9kw
成形伺服电机 Forming Servo Motor	0.85kw*8
转芯伺服电机 Quill Servo Motor	1.0kw
卷曲伺服电机 Spinner Servo Motor	0.4kw (另订配)
送线指令值 Feeding Of Value	±0.01-99999.99mm
屏幕显示 Monitor Display	彩色 中/英文
存诸程序 Memory Capacity	1000个
气压值 Air Pressure Value	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	5 Pairs
机器尺寸 Dimension (L*W*H)	760*1200*1900mm
机器重量 Weight	1500kg
电源 Power AC	3P-380V 50/60HZ

产品特点 /FEATURES

最大可扩展至18轴 Max.18 Axis	远程监控/USB端口 Remote Monitoring/USB Port
所有轴独立工作 All Axes Work Independently	可选伺服卷曲 Optional Servo Spinner
台湾电脑及系统 Taiwan Controller/Linux System	可选伺服剪刀 Optional Servo Cutter
日本伺服电机 Janpan Servo Motor	可选万能机械手 Optional General Manipulator

KCT-1008

十轴数控高速凸轮弹簧成形机
10-Axis CNC High-speed Cam Spring
Forming Machine



PRECISION
精密准确



SPEEDINESS
调机快速



STABILITY
稳定可靠

KCT-1008十轴数控高速凸轮弹簧成形机，引进台湾电脑系统与日本进口伺服电机，采用独特的偏心凸轮和“菱形”滑座设计，具有生产速度快、运行精度高、运转性能稳、作业噪音小和操作难度低等特点。其中，成形轴结合了无凸轮机与传统凸轮传动的优势，极大的提升了机台运转的精准度与弹簧制造的生产效率（可提升30%左右）。本机专为小线径（Φ0.1-0.8mm）的弹簧制造而设计，广泛应用于高/精/尖的行业中，如医疗器械、精密仪器、仪表设备及电子产品等领域。此外，本机可以增加卷曲装置，能够实现尺寸精密且角度复杂的产品一次成形。

KCT-1008 10-axis CNC high-speed cam spring forming machine, imported from Taiwan computer system and Japan servo motor, adopts a unique eccentric cam and "diamond" slide design, which has the characteristics of fast production speed, accurate operation accuracy, stable operation performance, low operation noise and low operation difficulty. Among them, the formed shaft combines the advantages of non convex wheel and traditional cam transmission, greatly improving the precision of machine operation and the production efficiency of spring manufacturing (which can be increased by about 30%). This machine is designed specifically for the manufacturing of springs with small wire diameters (Ø 0.1-0.8mm) and is widely used in industries with high precision, precision, and sharpness, such as medical equipment, precision instruments, instrumentation equipment, and electronic products.





伺服卷曲
SERVO SPINNER



全自动变频送线架(小型)
AUTOMATIC DECOILERS



外置检长仪
EXTERNAL SPRING LENGTH GAUGE

技术专利 / PATENTS

- 采用“菱形”滑座设计；
- 偏心凸轮设计，推动接近“零”惯性；
- 送线箱采用“长期浸油式”设计，静音效果好，减少齿轮磨损确保长期运行的送线精度。

产品参数 / PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-1008
轴数 Axis Count	10轴
加工线径 Wire Diameter	Φ0.1-0.8mm
送线速度 Wire Feeding Speed	0-90m/min
送线轮组数 Feeding Roller Group	1组
送线伺服电机 Wire Feeding Servo Motor	0.75kw
成形伺服电机 Forming Servo Motor	0.75kw*8
转芯伺服电机 Quill Servo Motor	0.75kw
卷曲伺服电机 Spinner Servo Motor	0.15kw (另订配)
送线指令值 Feeding Of Value	±0.01-99999.99mm
屏幕显示 Monitor Display	彩色 中/英文
存诸程序 Memory Capacity	1000个
气压值 Air Pressure Value	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	5 Pairs
机器尺寸 Dimension (L*W*H)	660*1100*1650mm
机器重量 Weight	900kg
电源 Power AC	3P-380V 50/60HZ

产品特点 / FEATURES

最大可扩展至18轴 Max.18 Axis	远程监控/USB端口 Remote Monitoring/USB Port
所有轴独立工作 All Axes Work Independently	可选伺服卷曲 Optional Servo Spinner
台湾电脑及系统 Taiwan Controller/Linux System	日本伺服电机 Janpan Servo Motor
可增加第三工程 Can Add The Third Project	可选外置检长仪 External Spring Length Gauge

KCT-0520/35WZ



PRECISION
精密准确



SPEEDINESS
调机快速



STABILITY
稳定可靠

五轴数控万能弹簧转线成形机
5-Axis CNC Versatile Spring Rotating
Forming Machine

KCT-0535/20WZ五轴数控万能弹簧转线成形机，采用台湾电脑控制系统、日本工业伺服电机以及高精度进口轴承等构成，该机型一共5轴，即凸轮1轴、送线1轴、转芯1轴、转线1轴和卷曲1轴。在人机交互中系统透过CNC程式码，分别对送线和凸轮传动系统做同步控制或异步操作，可达到24小时精确运转。本机主要适用于生产线径范围内的各种精密压簧、拉簧、单/双扭簧、异形弹簧、涡卷弹簧、扁线弹簧及线成形等产品，涉及精密电子、仪器仪表、生活玩具、办公耗材、医疗器械、日用夹具、汽车、国防及航天等行业领域。此外，结合自身的转线1轴和卷曲1轴，即可轻松地生产尺寸精密且角度复杂的弹簧产品。

KCT-0535/20WZ five-axis CNC universal spring wire forming machine, using Taiwan computer control system, Japanese industrial servo motor and high-precision imported bearings, the model has a total of 5 axes, that is, CAM 1 axis, feed line 1 axis, core 1 axis, wire 1 axis and crimping 1 axis. In man-machine interaction, the system can control the transmission line and CAM transmission system synchronously or asynchronously through CNC code, which can achieve 24 hours of accurate operation. This machine is mainly suitable for all kinds of precision compression springs, tension springs, single/double torsion springs, special-shaped springs, volute springs, flat wire springs and wire forming products within the diameter of the production line, involving precision electronics, instruments, life toys, office supplies, medical instruments, daily fixtures, automobiles, national defense and aerospace industries. In addition, the combination of its own twisting 1 axis and crimping 1 axis makes it easy to produce spring products with precise dimensions and complex angles.





伺服卷曲 /SERVO SPINNER



伺服剪刀 /SERVO SCISSOR



高频机 /HIGH FREQUENCY MACHINE

产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-0520WZ	KCT-0535WZ
轴数 Axis Count	5轴	5轴
加工线径 Wire Diameter	Φ0.3-2.0mm	Φ1.2-4.0mm
送线速度 Wire Feeding Speed	0-120m/min	0-120m/min
送线轮组数 Feeding Roller Group	2组	3组
送线伺服电机 Wire Feeding Servo Motor	2.9kw	4.5kw
凸轮伺服电机 Cam Servo Motor	1.8kw	2.7kw
转芯伺服电机 Quill Servo Motor	1.0kw	1.8kw
转线伺服电机 Wire Rotation Servo Motor	2.9kw	4.5kw
卷曲伺服电机 Spinner Servo Motor	0.4kw	1.0kw
送线指令值 Feeding Setting Value	±0.01-99999.99mm	±0.01-99999.99mm
凸轮指令值 Cam Setting Value	±0.1-359.9°	±0.1-359.9°
屏幕显示 Monitor Display	彩色 中/英文	彩色 中/英文
存诸程序 Memory Capacity	1000个	1000个
气压值 Air Pressure Value	0.2-0.4Pa	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	5 Pairs	5 Pairs
机器尺寸 Dimension (L*W*H)	2400*1000*1900mm	2400*1200*1900mm
机器重量 Weight	1500kg	2500kg
电源 Power AC	3P-380V 50/60HZ	3P-380V 50/60HZ

产品特点 /FEATURES

最大可扩展至6轴 Max.6 Axis	USB端口 USB Port
线材旋转功能 Wire Rotating Function	正反360° 转线 360 Degree Wire Rotation
台湾电脑系统 Taiwan Controller/System	系统教学/编辑 System TEACH/EDIT
日本伺服电机 Janpan Servo Motor	可选伺服卷曲 Optional Servo Spinner
交互式指令编辑 Interactive Instruction Edit	可选伺服剪刀 Optional Servo Cutter

KCT-35W/20B

三/四轴数控万能弹簧成形机
5-axis CNC Versatile Spring
Forming Machine



PRECISION
精密准确



SPEEDINESS
调机快速



STABILITY
稳定可靠

KCT-35W/2B三/四轴数控万能弹簧成形机，采用台湾电脑控制系统、日本工业伺服电机以及高精度进口轴承等构成，该机型共计4轴，即凸轮1轴、送线1轴、转芯1轴和卷曲1轴（另订配）。其中，在人机交互中系统透过CNC程式码，分别对送线和凸轮传动系统做同步控制或异步操作，可达到24小时精确运转。本机主要适用于生产线径范围内的各种精密压簧、拉簧、单/双扭簧、异形弹簧、涡卷弹簧、扁线弹簧及线成形等产品，涉及精密电子、仪器仪表、生活玩具、办公耗材、医疗器械、日用夹具、汽车、国防及航天等行业领域。此外，配合卷曲一轴，即可轻松地生产尺寸精密且角度复杂的弹簧产品。

KCT-35W /2B three/four axis CNC universal spring forming machine, using Taiwan computer control system, Japanese industrial servo motor and high precision imported bearings, the model a total of 4 axes, that is, CAM 1 axis, feed line 1 axis, core 1 axis and crimping 1 axis (separately). Among them, in the human-computer interaction system through the CNC code, respectively, the transmission line and CAM transmission system to do synchronous control or asynchronous operation, can reach 24 hours of accurate operation. This machine is mainly suitable for all kinds of precision compression springs, tension springs, single/double torsion springs, special-shaped springs, volute springs, flat wire springs and wire forming products within the diameter of the production line, involving precision electronics, instruments, life toys, office supplies, medical instruments, daily fixtures, automobiles, national defense and aerospace industries. In addition, with a crimped shaft, it is easy to produce spring products with precise dimensions and complex angles.





伺服卷曲 /SERVO SPINNER



伺服剪刀 /SERVO SCISSOR



高频机 /HIGH FREQUENCY MACHINE

产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-20B	KCT-35W
轴数 Axis Count	3/4轴	3/4轴
加工线径 Wire Diameter	Φ0.2-2.5mm	Φ1.2-4.0mm
送线速度 Wire Feeding Speed	0-120m/min	0-120m/min
送线轮组数 Feeding Roller Group	2组	3组
送线伺服电机 Wire Feeding Servo Motor	2.7kw	5.5kw
凸轮伺服电机 Cam Servo Motor	2.7kw	4.5kw
转芯伺服电机 Quill Servo Motor	1.0kw	1.0kw
卷曲伺服电机 Spinner Servo Motor	0.4kw (另订配)	1.0kw (另订配)
送线指令值 Feeding Setting Value	±0.01-99999.99mm	±0.01-99999.99mm
凸轮指令值 Cam Setting Value	±0.1-359.9°	±0.1-359.9°
屏幕显示 Monitor Display	彩色 中/英文	彩色 中/英文
存诸程序 Memory Capacity	1000个	1000个
气压值 Air Pressure Value	0.2-0.4Pa	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	5 Pairs	5 Pairs
机器尺寸 Dimension (L*W*H)	800*1100*1750mm	1160*1200*1900mm
机器重量 Weight	1200kg	2000kg
电源 Power AC	3P-380V 50/60HZ	3P-380V 50/60HZ

产品特点 /FEATURES

最大可扩展至4轴 Max.4 Axis	USB端口 USB Port
台湾电脑系统 Taiwan Controller/System	系统教学/编辑 System TEACH/EDIT
日本伺服电机 Janpan Servo Motor	可选伺服卷曲 Optional Servo Spinner
交互式指令编辑 Interactive Instruction Edit	可选伺服剪刀 Optional Servo Cutter

KCT-660/680

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PRECISION
精密准确
- 

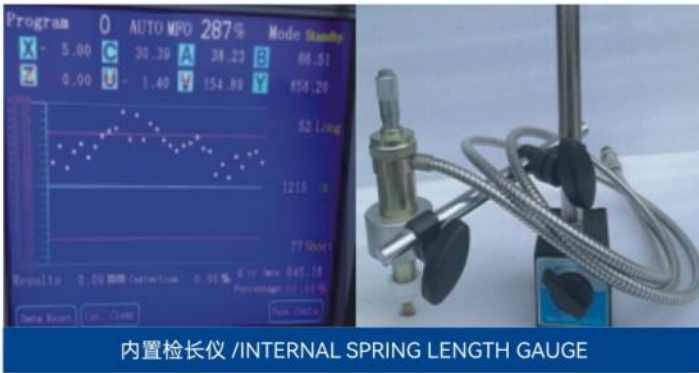
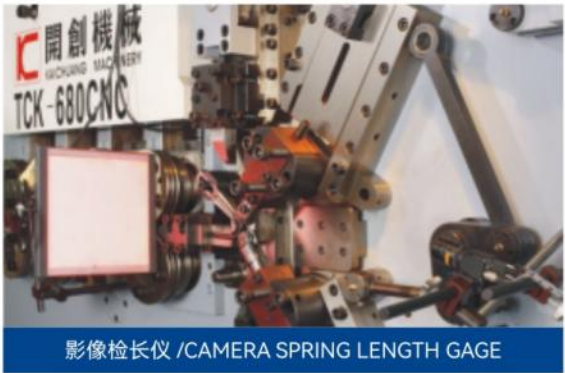
SPEEDINESS
调机快速
- 

STABILITY
稳定可靠

六轴数控高速卷簧机
6-Axis CNC High-speed Spring
Coiling Machine

KCT-660/680六轴数控高速卷簧机由台湾益图电脑控制系统、日本安川/山洋伺服电机和高精密轴承等构成，各轴（即送线1轴、切刀2轴、外径2轴和节距1轴）之间可以独立操作或同步运行，具有生产速度快、成形精度高与运行性能稳等特点，主要适用于加工线径范围内的各种精密压簧及简易扭簧等产品，诸如压缩弹簧、塔形弹簧、床垫弹簧、减震弹簧、汽车弹簧和模具弹簧等。该机型在创新与改进方面做出了重大改革，真正实现了人机对话，具备一分钟弹簧成型的能力，在保证速度、精度与性能的条件下，力求把噪音降至最低，并追求更加简便的机型操作。此外，可实现直切、对切和摆切等不同角度的切割功能，同时具有高清摄影检长功能。

KCT-660/680 6-axis CNC high-speed spring coiling machine is composed of Taiwan Yitu computer control system, Japan Yaskawa/Sanyo servo motor and high precision bearings, etc. Each axis (i.e., feed line 1 axis, cutter 2 axis, outer diameter 2 axis and pitch 1 axis) can operate independently or synchronically, with the characteristics of fast production speed, accurate forming accuracy and stable operation performance. It is mainly suitable for processing various precision pressure springs and simple torsion springs within the range of wire diameter, such as compression springs, tower springs, mattress springs, shock absorbing springs, automobile springs and die springs. The model has made major reforms in innovation and improvement, truly realizes man-machine dialogue, has the ability to form a one-minute spring, and strives to minimize noise and pursue a more convenient model operation under the condition of ensuring speed, accuracy and performance. In addition, it can realize the cutting function of different angles such as straight cutting, countercutting and pendulum cutting, and has the function of high-definition photography inspection.



产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-660	KCT-680
轴数 Axis Count	6轴	6轴
加工线径 Wire Diameter	Φ2.5-6.0mm	Φ3.0-8.0mm
最大弹簧外径 Max.Outside Diameter	Φ110mm	Φ120mm
最大弹簧节距 Max.Pich Of Thread	80mm	100mm
送线速度 Wire Feeding Speed	0-60m/min	0-60m/min
生产速度 Production Rate	0-100pcs/min	0-100pcs/min
弹簧旋绕比 Spring Index	3	4
送线轮组数 Feeding Roller Group	3组	4组
送线伺服电机 Wire Feeding Servo Motor	7.5kw	15.0kw
外径伺服电机 Cam Servo Motor	2.7kw*2	2.7kw*2
切刀伺服电机 Cutter Servo Motor	5.5kw*2	7.0kw*2
节距伺服电机 Pitch Servo Motor	2.0kw	2.7kw
送线指令值 Feeding Setting Value	±0.01-99999.99mm	±0.01-99999.99mm
屏幕显示 Monitor Display	彩色 中/英文	彩色 中/英文
存诸程序 Memory Capacity	1000个	1000个
气压值 Air Pressure Value	0.2-0.4Pa	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	2 Pairs	2 Pairs
机器尺寸 Dimension (L*W*H)	1600*1500*2100mm	1800*2050*2200mm
机器重量 Weight	4800kg	6500kg
电源 Power AC	3P-380V 50/60HZ	3P-380V 50/60HZ

产品特点 /FEATURES

六轴高速卷簧机 6-Axis High Speed Coiler	所有轴独立工作 All Axis Work Indepently
台湾电脑系统 Taiwan Controller/System	系统教学/编辑 System TEACH/EDIT
日本伺服电机 Janpan Servo Motor	测试/重复功能 TEST/REPEAT Function
摆动切割功能 Swing Cut Function	影像检长功能 Image Length Function

KCT-808/816/826

八轴数控高速卷簧机
8-Axis CNC High-speed Spring
Coiling Machine

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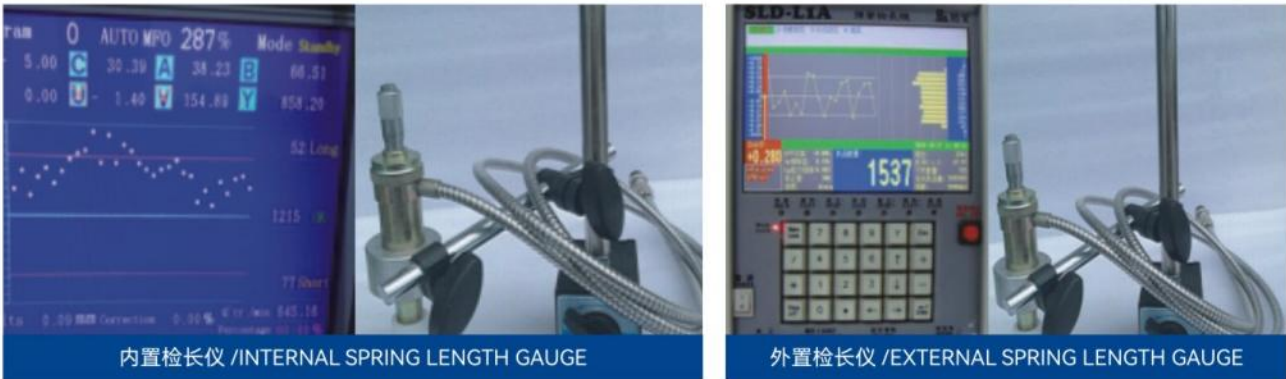
PRECISION
精密准确
- 

SPEEDINESS
调机快速
- 

STABILITY
稳定可靠

KCT-808/816/826八轴数控高速卷簧机由台湾益图电脑控制系统、日本安川/山洋伺服电机和高精密轴承等构成，各轴（即送线1轴、切刀2轴、外径2轴、节距1轴、芯棒上下移动1轴及退芯1轴）之间可以独立操作或同步运行，具有生产速度快、成形精度高、运行性能稳及噪音小等特点，主要适用于加工线径范围内的各种精密压簧及简易扭簧、拉簧等产品。该机型在创新与改进方面做出了重大改革，真正实现了人机对话，具备一分钟弹簧成型的能力，在保证速度、精度与稳定性能的前提下，降低了人工作的操作难度，极大地提高了工作效率。此外，可实现直切、对切和摆切等不同角度的切割功能。

KCT-808/816/826 eight-axis CNC high-speed spring winding machine is composed of Taiwan Yitu computer control system, Japan Yaskawa/Yamayo servo motor and high-precision bearings, etc. Each axis (i.e. wire feed 1 axis, cutter 2 axis, outer diameter 2 axis, pitch 1 axis, mand-bar up and down 1 axis and core withdrawal 1 axis) can operate independently or synchronically. It has the characteristics of fast production speed, accurate forming accuracy, stable running performance and low noise, etc. It is mainly suitable for various precision pressure springs and simple torsion springs and tension springs within the range of processing wire diameter. The model has made major reforms in innovation and improvement, truly realizes man-machine dialogue, has the ability of one-minute spring forming, and reduces the difficulty of manual operation and greatly improves work efficiency under the premise of ensuring speed, accuracy and stable performance. In addition, it can realize different Angle cutting functions such as straight cutting, countercutting and pendulum cutting.



产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-808	KCT-816	KCT-826
轴数 Axis Count	8轴	8轴	8轴
加工线径 Wire Diameter	Φ0.15-1.0mm	Φ0.4-2.0mm	Φ0.8-3.0mm
最大弹簧外径 Max.Outside Diameter	Φ25mm	Φ50mm	Φ70mm
最大弹簧节距 Max.Pich Of Thread	30mm	35mm	45mm
送线速度 Wire Feeding Speed	0-280m/min	0-200m/min	0-150m/min
生产速度 Production Rate	0-800pcs/min	0-400pcs/min	0-300pcs/min
送线轮组数 Feeding Roller Group	1组	2组	2组
送线伺服电机 Wire Feeding Servo Motor	1.3kw	1.8kw	2.9kw
外径伺服电机 Cam Servo Motor	0.4kw*2	0.75kw*2	0.85kw*2
切刀伺服电机 Cutter Servo Motor	0.75kw*2	1.0kw*2	1.3kw*2
节距伺服电机 Pitch Servo Motor	0.4kw	0.75kw	1.0kw
芯棒上下移动电机 Mandrel Moving Up/Down Servo Motor	0.4kw	0.4kw	1.0kw
退芯伺服电机 Mandrel Return Servo Motor	0.4kw	0.4kw	0.75kw
屏幕显示 Monitor Display	彩色 中/英文	彩色 中/英文	彩色 中/英文
存诸程序 Memory Capacity	1000个	1000个	1000个
气压值 Air Pressure Value	0.2-0.4Pa	0.2-0.4Pa	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	2 Pairs	2 Pairs	2 Pairs
机器尺寸 Dimension (L*W*H)	880*620*1700mm	900*1100*1700mm	1000*1500*1900mm
机器重量 Weight	480kg	650kg	1200kg
电源 Power AC	3P-380V 50/60HZ	3P-380V 50/60HZ	3P-380V 50/60HZ

产品特点 /FEATURES

八轴高速卷簧机 6-Axis High Speed Coiler	所有轴独立工作 All Axis Work Indepently
台湾电脑系统 Taiwan Controller/System	系统教学/编辑 System TEACH/EDIT
日本伺服电机 Janpan Servo Motor	测试/重复功能 TEST/REPEAT Function
外径径轴独立 Outer Ring Radial Axis Independent	摆动切割功能 Swing Cut Function
上下切刀分离 Separation Of Upper And Under Cutter	可选内置检长功能 OPTional internal Spring Length Gage

KCT-540

五轴数控高速卷簧机
5-Axis CNC High-speed Spring
Coiling Machine



PRECISION
精密准确



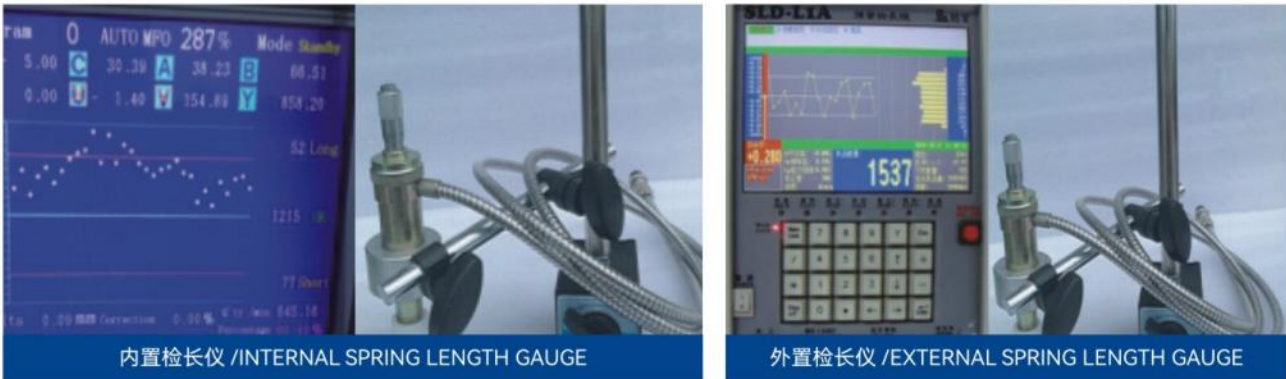
SPEEDINESS
调机快速



STABILITY
稳定可靠

KCT-540五轴数控高速卷簧机由台湾益图电脑控制系统、日本安川/山洋伺服电机和高精密轴承等构成，各轴（即送线1轴、凸轮1轴、切刀2轴和节距1轴）之间可以独立操作或同步运行，具有生产速度快、成形精度高与运行性能稳等特点，主要适用于加工线径Φ1.6-4.5mm之间的各种精密压簧及简易扭簧等产品，诸如压缩弹簧、塔形弹簧、床垫弹簧、减震弹簧、汽车弹簧和模具弹簧等。该机型在创新与改进方面做出了重大改革，真正实现了人机对话，具备一分钟弹簧成型的能力，在保证速度、精度与性能的条件下，力求把噪音降至最低，并追求更加简便的机型操作。此外，本机可实现直切、对切和摆切等不同角度的切断效果。

KCT-540 five-axis CNC high-speed spring winding machine is composed of Taiwan Yitu computer control system, Japan Yaskawa/Sanyo servo motor and high precision bearings, etc. Each axis (i.e., feed line 1 axis, CAM 1 axis, cutter 2 axis and pitch 1 axis) can operate independently or synchronically. It has the characteristics of fast production speed, accurate forming accuracy and stable operation performance. Mainly suitable for processing wire diameter of 1.6-4.5mm between a variety of precision pressure springs and simple torsion springs and other products, such as compression springs, tower springs, mattress springs, damping springs, automotive springs and die springs. The model has made major reforms in innovation and improvement, truly realizes man-machine dialogue, has the ability to form a one-minute spring, and strives to minimize noise and pursue a more convenient model operation under the condition of ensuring speed, accuracy and performance. In addition, the machine can realize the cutting effect of different angles such as straight cutting, counter-cutting and pendulum cutting.



产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-540
轴数 Axis Count	5轴
加工线径 Wire Diameter	Φ1.6-4.5mm
最大弹簧外径 Max.Outside Diameter	Φ80mm
最大弹簧节距 Max.Pich Of Thread	60mm
送线速度 Wire Feeding Speed	0-100m/min
生产速度 Production Rate	0-200pcs/min
弹簧旋绕比 Spring Index	3
送线轮组数 Feeding Roller Group	3组
送线伺服电机 Wire Feeding Servo Motor	5.5kw
凸轮伺服电机 Cam Servo Motor	2.7kw
切刀伺服电机 Cutter Servo Motor	2.7kw*2
节距伺服电机 Pitch Servo Motor	1.8kw
送线指令值 Feeding Setting Value	±0.01-99999.99mm
凸轮指令值 Cam Setting Value	±0.1-359.9°
屏幕显示 Monitor Display	彩色 中/英文
存诸程序 Memory Capacity	1000个
气压值 Air Pressure Value	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	2 Pairs
机器尺寸 Dimension (L*W*H)	1250*1400*1850mm
机器重量 Weight	2200kg
电源 Power AC	3P-380V 50/60HZ

产品特点 /FEATURES

五轴高速卷簧机 5-Axis High Speed Coiler	所有轴独立工作 All Axis Work Indepently
台湾电脑系统 Taiwan Controller/System	系统教学/编辑 System TEACH/EDIT
日本伺服电机 Janpan Servo Motor	测试/重复功能 TEST/REPEAT Function
上下切刀分离 Separation Of Upper And Under Cutter	摆切功能 Swing Cut Function

KCT-26A/526

二/五轴数控高速卷簧机
2/5-Axis CNC High-speed Spring
Coiling Machine



PRECISION
精密准确



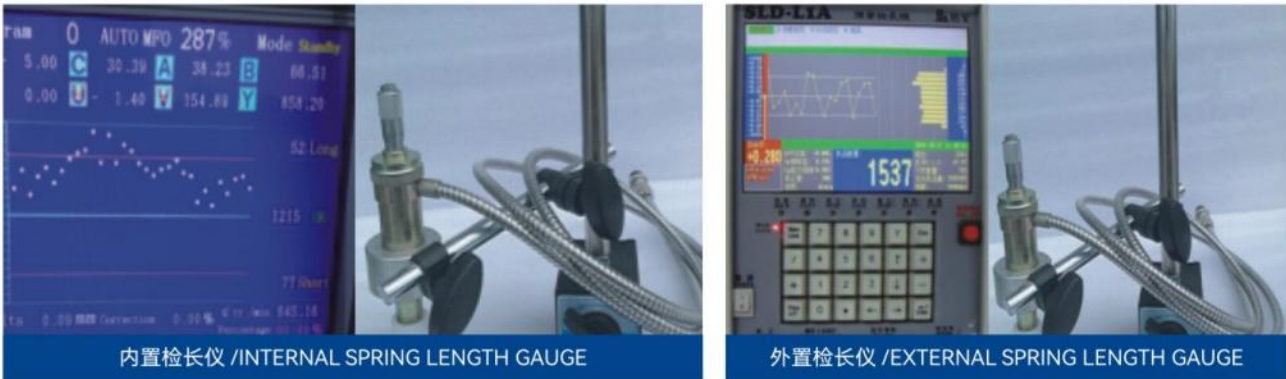
SPEEDINESS
调机快速



STABILITY
稳定可靠

KCT-26A/526二/五轴数控高速卷簧机由台湾益图电脑控制系统、日本安川/山洋伺服电机和高精密轴承等构成，各轴之间可以独立操作或同步运行，可达到24小时精确运转，具有生产速度快、成形精度高与运行性能稳等特点，主要适用于加工线径Φ0.8-2.6mm之间的各种精密压簧及简易扭簧等产品，诸如压缩弹簧、塔形弹簧、扁线弹簧、床垫弹簧、减震弹簧和汽车弹簧等。该机型有3/4/5轴自主选择，包括凸轮（外径）轴、送线轴、上/下切刀轴和节距轴，在保证速度、精度与性能的条件下，力求把噪音降至最低，并追求更加简便的实践操作。此外，526机型可以实现直切、对切和摆切等不同角度的切割功能。

KCT-26A/526 two/five axis CNC high speed spring coil machine is composed of Taiwan Yitu computer control system, Japan Yaskawa/Yamanyo servo motor and high precision bearings, etc., each axis can operate independently or simultaneously, can reach 24 hours of accurate operation, with fast production speed, accurate forming accuracy and stable operation performance. It is mainly suitable for processing various precision compression springs and simple torsion springs with wire diameter between 0.8-2.6mm, such as compression springs, tower springs, flat wire springs, mattress springs, shock absorbing springs and automobile springs. The model has a 3/4/5 axis optional, including CAM (outside diameter) shaft, feed shaft, up/down cutter shaft and pitch shaft, to ensure speed, accuracy and performance conditions to minimize noise and pursue easier practical operation. In addition, the 526 model can achieve different Angle cutting functions such as straight cutting, counter cutting and pendulum cutting.



产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-26A	KCT-526
轴数 Axis Count	2/3轴	5轴
加工线径 Wire Diameter	Φ0.8-2.6mm	Φ0.8-2.6mm
最大弹簧外径 Max.Outside Diameter	Φ70mm	Φ70mm
最大弹簧节距 Max.Pich Of Thread	40mm	45mm
送线速度 Wire Feeding Speed	0-120m/min	0-120m/min
生产速度 Production Rate	0-200pcs/min	0-300pcs/min
送线轮组数 Feeding Roller Group	2组	2组
送线伺服电机 Wire Feeding Servo Motor	2.7kw	2.9kw
外径伺服电机 Cam Servo Motor	2.7kw	2.9kw
切刀伺服电机 Cutter Servo Motor	---	0.85kw*2
节距伺服电机 Pitch Servo Motor	0.75kw (另订配)	0.75kw
送线指令值 Feeding Setting Value	±0.01-99999.99mm	±0.01-99999.99mm
屏幕显示 Monitor Display	彩色 中/英文	彩色 中/英文
存诸程序 Memory Capacity	1000个	1000个
气压值 Air Pressure Value	0.2-0.4Pa	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	2 Pairs	2 Pairs
机器尺寸 Dimension (L*W*H)	1150*1300*1750mm	1150*1300*1750mm
机器重量 Weight	1200kg	1300kg
电源 Power AC	3P-380V 50/60HZ	3P-380V 50/60HZ

产品特点 /FEATURES

2/3/5轴高速卷簧机 2/3/5-Axis High Speed Coiler	所有轴独立工作 All Axis Work Indepently
台湾电脑系统 Taiwan Controller/System	系统教学/编辑 System TEACH/EDIT
日本伺服电机 Janpan Servo Motor	测试/重复功能 TEST/REPEAT Function
进口齿轮/轴承 Import Gears/Bearings	送线精度高 Hihg Precise Of Feeding
可选内/外置检长仪 Optional Internal/External Length Detector	可选弹簧托料架 Optional Spring Support Frame

KCT-8C

二轴数控高速卷簧机
2-Axis CNC High-speed Spring
Coiling Machine



PRECISION
精密准确



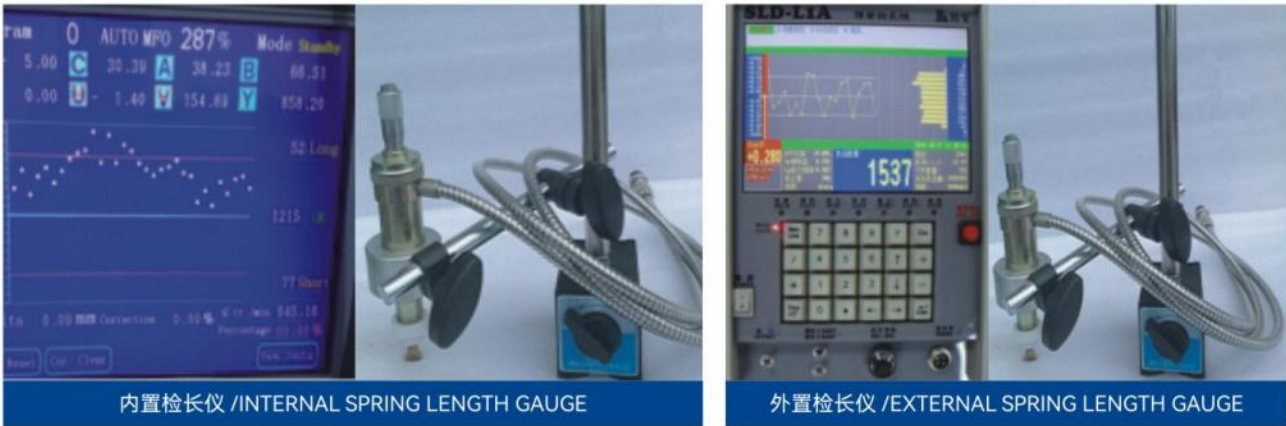
SPEEDINESS
调机快速



STABILITY
稳定可靠

KCT-8C二轴数控高速卷簧机，加工线径Φ0.15-0.8mm，主要适用于生产线径范围内的各种精密压簧以及简易扭簧、拉簧等产品，涉及精密电子、仪器仪表、生活玩具、办公耗材、医疗器械、日用夹具、国防及航天等行业领域。本机采用台湾电脑控制系统、日本进口伺服电机和高精密轴承等构成，各轴（即凸轮X轴与送线Y轴）之间可以独立操作或同步运行，可达到24小时精确运转，具有加工速度快、成形精度高、运行性能稳和生产噪音小等特点，深受广大弹簧制造企业的青睐与认可。此外，该机可选配增加扭簧装置、内/外置弹簧检长仪及弹簧托料架等辅助功能。

KCT-8C two-axis CNC high-speed spring coiling machine, with a diameter of 0.15-0.8mm, is mainly suitable for a variety of precision pressure springs and simple torsion springs, tension springs and other products within the diameter of the production line, involving precision electronics, instruments, toys, office supplies, medical equipment, daily fixture, national defense and aerospace and other industries. This machine is composed of Taiwan computer control system, servo motor and high precision bearings imported from Japan, each axis (that is, CAM X axis and feed line Y axis) can operate independently or synchronously, can reach 24 hours of accurate operation, with fast processing speed, forming accuracy, stable operation performance and production noise and other characteristics, by the majority of spring manufacturing enterprises favor and recognition. In addition, the machine can optionally add auxiliary functions such as torsion spring device, internal/external spring length tester and spring support frame.



产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KCT-8C
轴数 Axis Count	2轴
加工线径 Wire Diameter	Φ0.15-0.8mm
最大弹簧外径 Max.Outside Diameter	Φ20mm
送线速度 Wire Feeding Speed	0-200m/min
生产速度 Production Rate	0-400pcs/min
送线轮组数 Feeding Roller Group	1组
送线伺服电机 Wire Feeding Servo Motor	1.0kw
外径伺服电机 Cam Servo Motor	1.0kw
送线指令值 Feeding Setting Value	±0.01-99999.99mm
凸轮指令值 Cam Setting Value	±0.1-359.9°
屏幕显示 Monitor Display	彩色 中/英文
存诸程序 Memory Capacity	1000个
气压值 Air Pressure Value	0.2-0.4Pa
汽缸/探针 Air Cylinder/Probe	2 Pairs
机器尺寸 Dimension (L*W*H)	650*800*1500mm
机器重量 Weight	400kg
电源 Power AC	3P-380V 50/60HZ

产品特点 /FEATURES

2轴高速卷簧机 2-Axis High Speed Coiler	所有轴独立工作 All Axis Work Indepently
台湾电脑系统 Taiwan Controller/System	系统教学/编辑 System TEACH/EDIT
日本伺服电机 Janpan Servo Motor	测试/重复功能 TEST/REPEAT Function
进口齿轮/轴承 Import Gears/Bearings	送线精度高 Hihg Precise Of Feeding
可选内/外置检长仪 Optional Internal/External Length Detector	可选弹簧托料架 Optional Spring Support Frame

KSJ-800/1000

全自动送线架
Automatic Wire Feeding Machine

全自动送线架与数控弹簧机配套使用，在工作过程中会自动调节送线速度，使弹簧机设备与送线架的送线速度保持同步；当发生搅线、断线或送线完毕后，全自动送线架会发出报警信号并自动停机。当单独使用时，通过点动功能与配套主机保持匹配的送线速度，该设备具有操作简单、使用方便和工作效率高等特点。

The automatic wire feeder is used with the CNC spring machine, and the wire feeder speed is automatically adjusted during the working process, so that the wire feeder equipment and the wire feeder speed are synchronized. When the wire is disrupted, broken or the wire is sent, the automatic wire sending frame will send an alarm signal and automatically stop. When used alone, the device has the characteristics of simple operation, convenient use and high work efficiency by keeping the matching wire feed speed with the matching host through the point function.

产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KSJ-800	KSJ-1000
最大承重 Max.Capacity Of Load	800kg	1000kg
最大转速 Max.Speed Of Table	50rpm	50rpm
线盘直径 Diameter Of Table	1500mm	2000mm
电机 Motor	2.2kw	4.0kw
电源 Power AC	220V/50Hz	380V/50Hz
尺寸 Dimension (L*W*H)	1500*1500*950mm	2900*2200*1365mm
重量 Weight	300kg	1000kg



KJS-800



KJS-1000

KSJ-100/200 KSJ-400

全自动送线架
Automatic Wire Feeding Machine



KJS-400



KJS-100



KJS-200

产品参数 /PARAMETER

参数如有改动，恕不另行通知，敬请谅解。
Specifications are subject to actual delivery.

机型 Model	KSJ-100	KSJ-200	KSJ-400
最大承重 Max.Capacity Of Load	100kg	200kg	400kg
最大转速 Max.Speed Of Table	150rpm	70rpm	58rpm
线盘直径 Diameter Of Table	650mm	850mm	1300mm
电机 Motor	0.37kw	0.75kw	1.5kw
电源 Power AC	220W/50Hz	220V/50Hz	220V/50Hz
尺寸 Dimension (L*W*H)	650*650*750mm	800*850*800mm	1300*1300*900mm
重量 Weight	60kg	100kg	150kg

SPRING SAMPLE

弹簧样品



PRODUCTION VIEW

生产样品图

