

HCT-206/210/215/420/430

全自动弹簧回火炉

Automatic Spring Tempering Furnace



► 用途 Applications

适用于弹簧、钢板弹簧、弹垫、钢制品、链条、标准件、车辆配件、兵器零配件、金属器件、五金产品、漆包线、电焊条及淬火零件等批量性工件进行连续式回火、定型、烘干。

Suitable for continuous tempering, shaping and drying of spring, plate spring, spring pad, steel products, chain, standard parts, vehicle parts, weapon parts, metal parts, metal products, enameled wire, welding rod and quenching parts.

► 性能特点 Performance characteristics

1. 采用进口PID智能化温度控制仪及完整的自动控制系统，在500℃炉温内，可按工艺要求设定任何温度控温精度 $\pm 3^{\circ}\text{C}$ ，配有热风搅拌装置，炉温精确均衡，回火工件质量稳定可靠。
2. 不锈钢网带运行平稳，无级调速，连续自动运转，可大大提高劳动生产率，降低劳动强度。
3. 结构新颖，采用全纤维炉衬，升温快，电耗低，热利用率高，节能效果好，恒温后耗电量不超过额定功率50%。
4. 操作简便，安全可靠，不需要使用亚硝酸钠，场地清洁，无环境污染。
5. 型号规格齐全，使用寿命长，检修方便，投资省，价格低廉，是同类进口产品的30%以下，可满足各类弹簧，链条热时效处理工艺要求，是弹簧，链条行业理想的热处理设备。

1. Using imported PID intelligent temperature controller and complete automatic control system, in 500℃ furnace temperature, can be set according to the process requirements of any temperature control precision $\pm 3^{\circ}\text{C}$, equipped with hot air stirring device, furnace temperature accurate balance, tempering workpiece quality is stable and reliable.
2. Stainless steel mesh belt smooth operation, stepless speed regulation, continuous automatic operation, can greatly improve labor productivity, reduce labor intensity.
3. New structure, the use of all-fiber furnace lining, fast heating, low power consumption, high heat utilization rate, good energy saving effect, constant temperature after the power consumption does not exceed 50% of rated power.
4. Simple operation, safe and reliable, do not need to use sodium nitrite, clean site, no environmental pollution.
5. Models and specifications complete, long service life, convenient maintenance, investment, low price, is the same type of imported products below 30%, can meet all kinds of spring, chain thermal aging process requirements, is the spring, chain industry ideal heat treatment equipment.

▶ HCT 系列連續式熱風回火爐型號規格

Model And Specification Of Hct Series Continuous Hot-wind Tempering Furnaces

型号 Model	外形尺寸 (mm) Overall dimension			炉腔尺寸(mm) Cavity size			功率 Power	回火温度 Tempering temperature	回火时间范围 (分) Tempering time range (min)	回火件线径 Wire diameter of tempering piece	回火产量 Tempering yield	炉体重量 Furnace weight
	长 Long	宽 Wide	高 High	长 Long	宽 Wide	高 High						
HCT-Min	4200	500	740	-	-	-	2	-	-	0.1-2	-	60
HCT206	1600	750	1200	600	200	60	6	1.5-30	0.1-3	10-20	200	
HCT210	2000	750	1250	1000	200	90	8	2.5-40	0.1-6	18-25	250	
HCT215	2600	750	1250	1500	200	90	12	4-50	0.1-6	25-35	350	
HCT315	2600	850	1320	1500	300	90	16	4-50	0.1-6	35-50	750	
HCT320	3300	850	11200	2000	300	90	20	6-60	0.1-6	50-70	950	
HCT420	3300	950	1320	2000	400	90	26	6-60	0.5-6	60-80	1000	
HCT425	3800	950	1320	2500	400	100	30	6-60	0.5-6	70-90	1200	
HCT430	4300	950	1300	3000	400	100	35	6-60	0.5-6	80-120	1300	
HCT440	6100	1050	1600	4000	400	120	43	12-60	1-12	130-180	2200	
HCT520	4100	1100	1600	2000	500	100	30	8-50	0.5-10	80-100	1400	
HCT530	5100	1100	1900	3000	500	120	40	10-60	0.5-10	150-180	1800	
HCT540	6100	1100	1900	4000	500	130	50	12-60	1-14	200-250	2400	
HCT550	7100	1100	1900	5000	500	130	60	14-90	1-16	250-300	2800	
HCT560	8100	1100	1900	6000	500	150	75	14-90	1-15	300-500	3600	
HCT590	11200	1100	1950	9000	500	200	135	30-180	1-18	800-1000	5000	
HCT620	5100	1200	1900	3000	600	120	48	10-60	1-12	160-200	2200	
HCT640	6100	1200	1900	4000	600	130	60	12-60	1-14	200-300	2800	
HCT650	7100	1200	1900	5000	600	130	75	14-90	1-16	300-400	3200	
HCT660	8100	1200	1900	6000	600	150	90	14-90	1-16	300-500	3800	
HCT680	10100	1200	2000	8000	600	200	135	25-150	1-20	700-1100	5000	
HCT690	11200	1200	2000	9000	600	220	150	30-180	1-20	800-1200	5500	
HCT730	5100	1300	1900	3000	700	120	55	10-60	1-14	180-220	2500	
HCT740	6100	1300	2000	4000	700	180	68	12-60	1-16	250-350	3200	
HCT750	7100	1300	2000	5000	700	200	92	14-90	1-16	320-450	3500	

The furnace temperature above 500 degrees can be arbitrarily set and adjusted

若有特殊要求时，可根据用户要求设计制造

各用户应根据回火件产量高低，回火件线径大小及所需回火时间长短选择回火炉型号

并优惠供应电热管、仪器仪表、硅酸铝耐火纤维制品等电炉配件，承接其它类型电炉制造、维修、改造业务。

If there are special requirements, can be designed and manufactured according to user requirements

Each user should choose the type of tempering furnace according to the yield of tempering parts, the diameter of tempering parts and the length of tempering time required

And preferential supply of electric heat pipe, instruments, aluminum silicate refractory fiber products and other electric furnace accessories, to undertake other types of electric furnace manufacturing, maintenance, transformation business.