



电阻炉/金属热处理设备

RESISTANCE FURNACE / METAL HEAT TREATMENT EQUIPMENT



中国·郑州苏通电器设备有限公司

CHINA · ZHENGZHOU SUTONG ELECTRIC EQUIPMENT CO.,LTD.

公司简介

郑州苏通电器设备有限公司是一家集科研、生产、销售为一体的综合性企业集团，下属实验电炉（马弗炉）、工业窑炉、矿山机电、电力配套设施等生产基地。分别生产4大类、30多种规格产品。其中，箱式、管式、可控气氛、旋转、升降等10多种马弗炉产品，采用数字温度控制器，深受国内外客商欢迎；80%的产品销往欧美、东南亚、中东及周围30多个国家。是中国“电热设备”主要生产厂家之一。10余种工业窑炉，被国内外200多家用户选用。两款矿用远距离探水钻获中国实用新型技术专利。电力配套设施在国内3个大型建设项目中标配套。16年来，公司科研开发队伍日益壮大，可根据用户要求设计产品；狠抓质量管理，保证满足客商的质量要求；完善售后服务体系，让客户放心地选购各类产品。创名优产品，是公司不懈的追求目标；让用户满意，是公司永恒的服务宗旨。苏通电器设备公司愿与世界各地的朋友长期结伴、合作共赢！

About Us

Zhengzhou Sutong Electric Equipment Company is an integrated group corporation of scientific research, production and sales. It owns several production bases of experimental furnaces (muffle furnaces), industrial furnaces, mining machinery and electrical equipments, power equipments and so forth, which respectively produce 4 general types of productions with more than 30 kinds of specifications. Among the catalogue, over 10 kinds of muffle furnaces such as the chamber type furnace, tube furnace, atmosphere furnace, rotating and lifting furnace, which using digital temperature controllers are deeply welcomed by domestic and overseas clients. 80% of the products are sold to Europe and America, the United States, Southeast Asia, the Middle East and more than 30 neighboring countries. Our company is one of the main manufacturers of electric heating equipments in China, there are more than 10 kinds of industrial furnaces are used by over 200 customers at home and abroad, two kinds of mining remote exploration drillings have gained China's utility model patents, power equipment have been identified as ancillary devices in three big domestic construction items. For 16 years, we have enlarged and improved the R&D department gradually and the team has become more excellent and efficient, we can design product according to the requirements of customers, strengthen the quality control to ensure to meet the customers' quality demand, perfect the after-sale service system in order to make the customers choose various products trustingly. Producing brand-name and quality products is the target we pursuing unremittingly; to satisfy the users is our eternal service tenent. We are willing to establish long-term business relations on the basis of win-win cooperation with friends from all over the world!



箱式电阻炉 Box type resistance furnace



1300℃箱式电阻炉
1300℃ box type
resistance furnace



1650℃箱式电阻炉
1650℃ box type
resistance furnace



快速升温1200℃箱式电阻炉
1200℃ box type
rapid heating resistance furnace



快速升温1600℃箱式电阻炉
1600℃ box type
rapid heating resistance furnace



1600℃陶瓷纤维箱式电阻炉
1600℃ box type
ceramic fiber resistance furnace



1600℃箱式电阻炉
1600℃ box type
resistance furnace



900℃箱式电阻炉
900℃ box type
resistance furnace



1200℃实验电阻炉
1200℃ box type
laboratory resistance furnace



600℃热风循环炉
600℃ box type hot air
circulation furnace



1200℃箱式电阻炉
1200℃ box type resistance furnace



铝壳减速机中频熔炼炉
aluminum shell IF melting furnace
with reduction gear



减速机
reduction gear



铝壳液压中频熔炼炉
aluminum shell hydraulic IF
melting furnace

铝壳炉子结构简单，价格低，便于维护，由0.1—5吨均可使用，若使用于10吨时，需外附不锈钢外壳。

Furnace with aluminium shell has simple structure and low cost, easy to maintain, suitable for 0.1 to 5 tons capacity, if use it for 10 tons, should add stainless steel on the outside.



钢壳减速机中频熔炼炉
steel shell IF melting furnace
with reduction gear

钢壳炉子的感应线圈外附磁轭，结构坚固，液压倾炉可定点浇注，常用于2吨以上的炉型。

There is magnetic tack outside the induction coil for the steel shell furnace. Its structure is stable, and the hydraulic tilting system can realize point pouring, often be used for the furnace which capacity is more than 2 tons.



15吨钢壳液压中频熔炼炉
15 tons steel shell hydraulic IF melting furnace



10吨铝芯不锈钢壳中频熔炼炉
10 tons stainless steel shell IF melting furnace



10吨钢壳炉体
10 tons steel shell furnace



液压泵站
hydraulic pump station



炉的安装现场
installation site of furnace



3吨感应炉
3 tons induction furnace



3吨工频有芯熔铜炉
3 tons power frequency induction furnace
for melting copper

工频炉需要50/60HZ的调压器和50/60HZ的电容器构成振荡槽路才能工作，常用于铜的熔炼。

Power frequency furnace needs to be constituted by the a 50/60HZ regulator and 50/60HZ capacitor oscillation tank to work, commonly used in the smelting of copper.



真空感应熔炼炉
vacuum induction melting furnace



电动换炉开关
electric switch for the furnace transform



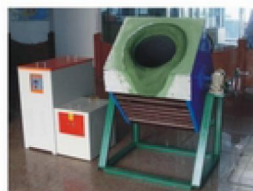
谐振电容器
resonant capacitor



20吨感应炉配套电容柜
capacitor cabinet for
20 tons induction furnace



小型金属熔化炉
small capacity metal melting furnace



小型金属熔化炉
small capacity metal melting furnace

感应烧结炉 Induction sintering furnace



氢气真空炉炉体
hydrogen vacuum furnace



惰性气体保护感应烧结炉
inert gas protection
induction sintering furnace



真空烧结炉
vacuum sintering furnace

感应熔化、烧结炉 INDUCTION MELTING AND SINTERING FURNACE

感应炉零配件 Parts of induction furnace



1、常规熔钢电炉主要技术参数

Technical parameters of general steel melting furnace

序号 No	项 目 Items	单位 Unit	GW-0.15	GW-0.25	GW-0.35	GW-0.5	GW-0.75	GW-1.0	GW-1.5	GW-2.0	GW-3.0	GW-5.0	GW-7.0
1	电炉额定容量 rated capacity	T	0.15	0.25	0.35	0.5	0.75	1.0	1.5	2.0	3.0	5.0	7.0
2	中频电源额定功率 MF rated power	KW	100	160	200	250	350	500	750	1000	1500	2500	3000
3	中频电源进线电压 power input voltage	V	380	380	380	380	380	380	660	660	660	660	660
4	熔炼炉频率 melting frequency	Hz	1000				500						
5	熔化率 melting rate	T/h	0.11	0.2	0.28	0.32	0.5	0.63	1.15	1.3	2.0	3.5	4.5
6	耗电量 power consumption	KWh/T	900	850	820	810	780	780	700	700	700	680	680
7	成渣设备耗水量 water consumption	T/h	5	7	8	10	15	18	20	28	35	45	60
8	感应圈额定电压 induction coil voltage	V	750	750	750	1500	1500	1500	2400	2400	2400	2400	2400
9	炉子额定温度 highest temperature	℃	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
10	变压器额定容量 transformer capacity	KVA	125	200	250	315	400	630	800	1250	1600	3150	3150

2、快速熔钢电炉主要技术参数

Technical parameters of rapid steel melting furnace

序号 No	项 目 Items	单位 Unit	GW-0.15	GW-0.25	GW-0.35	GW-0.5	GW-0.75	GW-1.0	GW-1.5	GW-2.0	GW-3.0	GW-5.0	GW-8-10
1	电炉额定容量 rated capacity	T	0.15	0.25	0.35	0.5	0.75	1.0	1.5	2.0	3.0	5.0	8-10
2	中频电源额定功率 MF rated power	KW	160	250	300	400	500	800	1000	1250	1600	3000	4000
3	中频电源进线电压 power input voltage	V	380	380	380	380	380	660	660	660	660	660	660
4	熔炼炉频率 melting frequency	Hz	1000				500				300		
5	熔化率 melting rate	T/h	0.2	0.35	0.38	0.55	0.77	1.1	1.6	2.0	3.0	5.0	8-10
6	耗电量 power consumption	KWh/T	800	720	700	680	670	650	610	600	600	590	580
7	成渣设备耗水量 water consumption	T/h	5	7	8	10	15	18	25	28	35	45	55
8	感应圈额定电压 induction coil voltage	V	1000	1000	1000	2000	2000	2000	2800	2800	3000	3000	3000
9	炉子额定温度 highest temperature	℃	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
10	变压器额定容量 transformer capacity	KVA	200	250	315	400	500	800	1000	1250	1600	3150	4000

3、铸铁保温炉主要技术参数

Technical parameters of cast iron holding furnace

序号 No	项 目 Items	单位 Unit	GW-0.75	GW-1	GW-2	GW-3	GW-5	GW-7	GW-10	GW-15	GW-20	GW-25	GW-30
1	电炉额定容量 rated capacity	T	0.7	1	0.35	0.5	0.75	1.0	1.5	2.0	3.0	5.0	7.0
2	中频电源额定功率 MF rated power	KW	250	300	200	250	350	500	750	1000	1500	2500	3000
3	中频电源进线电压 power input voltage	V	380	380	380	380	380	380	660	660	660	660	660
4	熔炼炉频率 melting frequency	Hz	1000				500				500-300		
5	耗电量 power consumption	KWh/T	53	50	50	49	44	43	42	42	40	40	40
6	成渣设备耗水量 water consumption	T/h	10	10	12	15	15	15	20	25	30	30	30
7	感应圈额定电压 induction coil voltage	V	2000	2000	2000	2000	2000	2800	2800	2800	3000	3000	3000
8	炉子额定温度 highest temperature	℃	950	950	950	950	950	950	950	950	950	950	950

4、熔铜电炉主要技术参数

Technical parameters of copper melting furnace

序号 No	项 目 Items	单位 Unit	GW-0.15	GW-0.3	GW-0.5	GW-1	GW-1.5	GW-2	GW-3	GW-5	GW-7.5	GW-10
1	电炉额定容量 rated capacity	T	0.15	0.3	0.5	1	1.5	2	3	5	7.5	10
2	中频电源额定功率 MF rated power	KW	100	160	250	500	750	1000	1500	2500	3000	3200
3	中频电源进线电压 power input voltage	V	380	380	380	660	660	660	660	950	950	950
4	熔炼炉频率 melting frequency	Hz	2500				1000				500	
5	熔化率 melting rate	T/h	0.15	0.28	0.48	1	1.5	2	3	5	7.5	10
6	耗电量 power consumption	KWh/T	600	560	540	520	460	440	430	420	410	410
7	成渣设备耗水量 water consumption	T/h	3	4	16	9	11	16	19	15	35	40
8	感应圈额定电压 induction coil voltage	V	750	750	750	2000	2000	2000	2000	2800	2800	2800
9	炉子额定温度 highest temperature	℃	1200	1200	1200	1200	1200	1200	1200	1200	1650	1650
10	变压器额定容量 transformer capacity	KVA	50	100	205	315	400	630	800	1250	1600	2000

5、熔铝电炉主要技术参数

Technical parameters of aluminum melting furnace

序号 No	项 目 Items	单位 Unit	GWL-0.05	GWL-0.08	GWL-0.15	GWL-0.35	GWL-0.5	GWL-0.75	GWL-1.0	GWL-1.5	GWL-2.0	GWL-3.0
1	电炉额定容量 rated capacity	T	0.05	0.08	0.15	0.35	0.5	0.75	1.0	1.5	2.0	3.0
2	中频电源额定功率 MF rated power	KW	50	80	160	250	350	500	750	800	900	900
3	中频电源进线电压 power input voltage	V	380	380	380	380	380	380	380	660	660	660
4	熔炼炉频率 melting frequency	Hz	1000				500-1000				300-500	
5	熔化率 melting rate	T/h	0.06	0.09	0.16	0.38	0.55	0.82	1.1	1.6	2.2	3.3
6	耗电量 power consumption	KWh/T	670	660	655	650	620	600	580	570	560	560
7	成渣设备耗水量 water consumption	T/h	3	3	4	5	8	10	10	13	15	17
8	感应圈额定电压 induction coil voltage	V	750	750	1000	2000	2000	2000	2800	2800	2800	3000
9	炉子额定温度 highest temperature	℃	700	700	700	700	700	700	700	700	700	700
10	变压器额定容量 transformer capacity	KVA	50	100	180	250	315	315	630	800	800	1000

6、透热弯管电炉主要技术参数

Technical parameters of diathermanous bend furnace

序号 No	项 目 Items	单位 Unit	G112-50	G112-100	G112-160	G112-250	G112-500	G112-750	G112-1000	G112-1250
1	电炉额定功率 rated power of furnace	KW	50	100	160	250	500	750	1000	1250
2	中频电源进线电压 power input voltage	V	380	380	380	380	380	380	380	380
3	炉子频率 MF heat frequency	Hz	1000-8000				500-2500			500
4	加热工件直径/长度 heating workpiece diameter/length	mm	根据用户生产要求							
5	送料速度调节范围 feeding speed regulating range	Time /min	根据用户生产要求							
6	成渣设备耗水量 water consumption	T/h	3	3	4	5	8	10	12	15
7	感应圈额定电压 induction coil voltage	V	750	750	750	750	750	750	750-1000	750-1000
8	炉子额定温度 rated temperature	℃	1200	700	700	700	700	700	700	700
9	淬火变压器输出电压 quenching transformer voltage	KV	250	500	500	1000	2000	3000	/	/
10	电源变压器额定容量 power transformer capacity	KVA	50	100	180	250	315	800	1000	1250