



HBZ-1500超长板垂直固化炉

有容乃大 更大 更长 更重

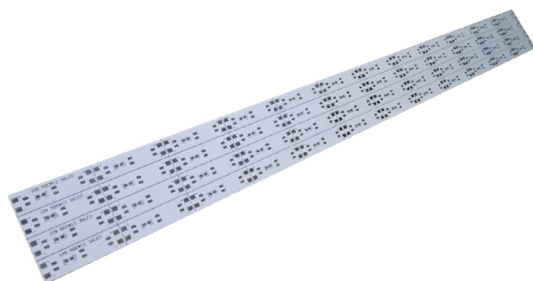
HBZ-1500 ULTRA LONG PLATE VERTICAL CURING FURNACE

Having capacity means being larger, longer, and heavier



产品介绍 PRODUCT INTRODUCTION

- 浩宝HBZ-1500垂直加热炉是浩宝公司自主研发的超大容纳垂直加热设备;具有超大容量、超长容纳、超重负载等特点。
- 适用于移动通讯、5G基站、计算机及外设、电梯、照明、汽车电子、医疗器械、航天和军事等领域或产品的加热固化。
- HB HBZ-1500 vertical heating furnace is a large capacity vertical heating equipment independently developed by HB Company; It has the characteristics of super large capacity, super long capacity, and overweight load.
- Suitable for heating and solidification of mobile communication, 5G base stations, computers and peripherals, elevators, lighting, automotive electronics, medical devices, aerospace, military and other fields or products.



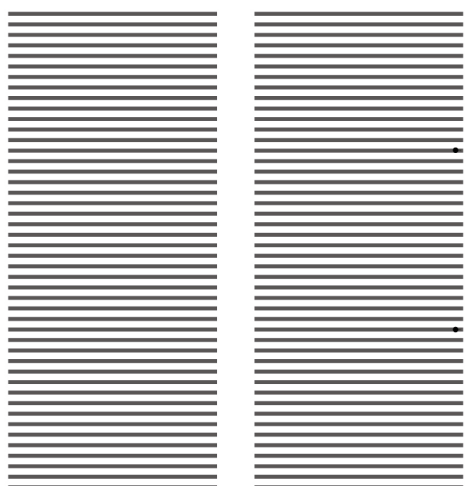
超长板
Overlength plate



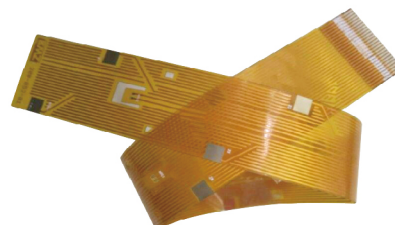
超长软板
Extra long soft board

核心技术及优势 CORE TECHNOLOGY AND ADVANTAGES

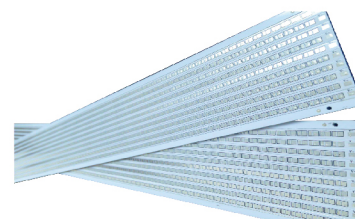
- 大容量、长容纳、重负载
Large capacity, long capacity, heavy load
- 炉内产品容量高达90层,最高可容纳长达1500mm的产品,最高可承载单产品重达10000g。满足超长,超重产品的高效生产需求。
- The product capacity in the furnace can reach up to 90 layers, with a maximum capacity of up to 1500mm and a maximum capacity of up to 10000g per product. Meet the efficient production needs of ultra long and overweight products.



90层大容量高效生产
90 story high capacity and efficient production



1500mm超长软板
1500mm ultra long soft board



10000g超重产品
10000g overweight product

- 大幅度减少占地面积小

Significantly reduce footprint and reduce footprint

- Compared with traditional tunnel furnaces, vertical furnaces with the same production capacity have reduced their footprint several times, significantly saving space. By using a vertical furnace with the same factory area, larger production capacity can be planned.



传统隧道炉占地广

Traditional tunnel furnaces cover a wide area



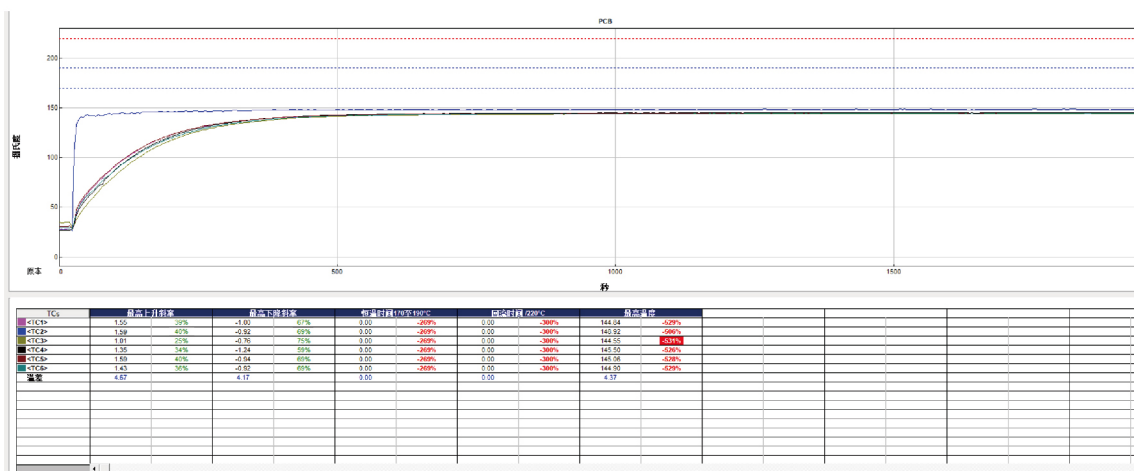
浩宝垂直炉占地少

HB Vertical furnace occupies less land

- 控温性能出色,热容量高,加热效率快

Excellent temperature control performance, high heat capacity, and fast heating efficiency

- 浩宝先进控温技术, 控温精度 $\pm 1^{\circ}\text{C}$, 炉内温度均匀性好, 烘烤、固化品质稳定、可靠。
- 浩宝先进热风循环系统, 使用自主研发的循环风道设计, 有效提高炉内热容量及加热效率。
- HB advanced temperature control technology, with a temperature control accuracy of $\pm 1^{\circ}\text{C}$, good temperature uniformity in the furnace, stable and reliable baking and curing quality.
- HB advanced hot air circulation system uses self-developed circulation air duct design to effectively improve the heat capacity and heating efficiency in the furnace.



温度测试

Temperature test

- 智能化, 自动化

Intelligence and automation

- 配备各种维度的传感器和智能监控操作自动化系统:故障报警、超温报警、超温保护等;全自动在线式生产,使用简单方便,生产效率高。
- Equipped with various dimensions of sensors and intelligent monitoring operation automation systems: fault alarm, over temperature alarm, over temperature protection, etc; Fully automatic online production, simple and convenient to use, and high production efficiency.

参数规格 PARAMETER SPECIFICATION

HBZ-1500超长板垂直固化炉技术参数 Technical parameters of HBZ-1500 ultra long plate vertical curing furnace

系统 System	序号 No.	项目 Item	HBZ-1500W90	备注 Remarks
机体参数 Body parameters	1	整线外型尺寸(L*W*H) External dimensions(L * W * H)	L4400MM*W2150MM*H2500MM	
	2	重量 weight	大约4000KG Approx.4000KG	
	3	加热区数量 Number of heating zones	12组24个加热模块 12 sets of 24heating modules	
	4	排风量要求 Exhaust air volume requirements	10M³/min*2(通道) 10M³/min*2(Exhausts)	2- Φ 200管径 2- Φ 200pipe diameter
控制系统 Control system	5	电源要求 Power requirements	3P5L 380V 50/60Hz	
	6	总功率 Total power	105KW	
	7	升温时间 Heating time	约20-40 minute Approx.20-40 minute	
	8	温度设定范围 Temperature setting range	室温---200℃ RT---200℃	
	9	温度控制方式 Temperature control method	PID闭环控制+SSR驱动 PID closed-loop control+SSR drive	
	10	温度控制精度 Temperature control accuracy	±1.0℃	
	11	PCB板温分布偏差 PCB board temperature distribution deviation	±3.0℃	
	12	参数存储 Parameter storage	可连MES系统 Connected MES system	
	13	异常报警 Abnormal alarm	温度异常(恒温后超高温或超低温) Abnormal temperature (ultra-high or ultra-low temperature after constant temperature)	
技术参数 Technical Parameter	14	层数 Number of layers	90层,(上升区45层,下降区45层) 90 floors, (45 floors in ascending zone and 45 floors in descending zone)	
	15	UPH UPH	120	
	16	运动机构 Motion mechanism	升降链条, 平移链条 Lifting screw, needle roller push plate, Timing belt	
	17	运输带高度 Transport belt height	900±20mm	
	18	运输导轨宽度 Width of transportation guide rail	75-450mm	
	19	标准工装尺寸 Standard tooling size	Max:L1500mm*W450mm*10mm; Min:L75mm*W75mm*10mm	
	20	产品重量 Product weight	≤10kg	

注：参数若有更改，恕不另行通知！The above contents are subject to change without further notice!



浩宝微信公众号



浩宝微信视频号

深圳市浩宝技术有限公司
SHENZHEN HB TECHNOLOGY CO.,LTD.

地址：深圳市宝安区松岗街道田洋六路1号浩宝工业园

电话：400-063-8899 传真：0755-27271140

网址：www.szhaobao.com

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