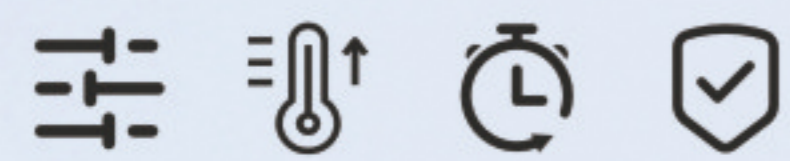


R-series: Rotary Furnace

R系列：回转窑



温度均匀性好 / 升温速度快 / 生产效率高 / 安全性能好

Good Temperature Uniformity / Fast Heating Speed /
High Production Efficiency / Good Safety Performance

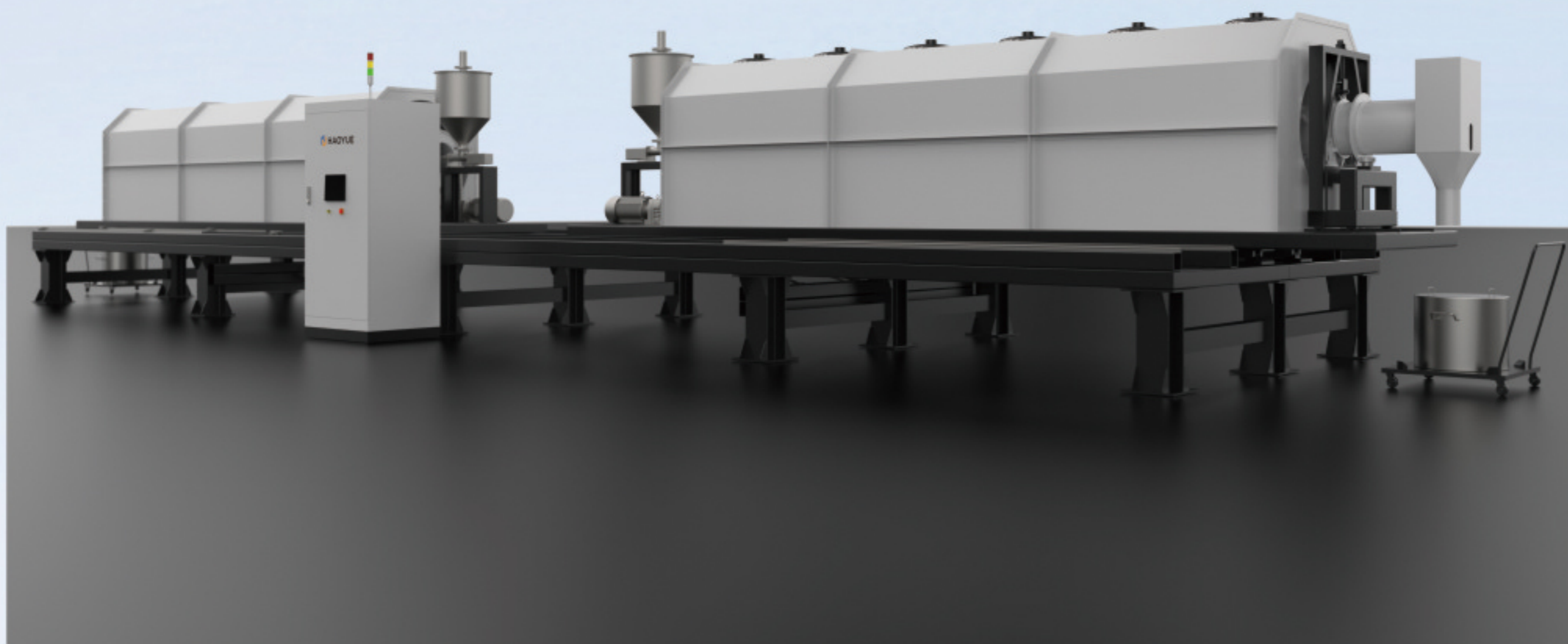
R6CA9.5等轴测图

R6CA9.5 Isometric View



R6CA9.5正视图

R6CA9.5 Front View



简介 / BRIEF INTRODUCTION

该回转窑以优质电阻丝为加热元件，采用双层壳体结构，30段程序控温系统，移相触发、可控硅控制，炉膛采用进口高纯氧化铝多晶体纤维材料，双层炉壳间配有风冷系统，能快速升降温，采用高纯310S不锈钢或其他耐腐蚀管，该炉具有温场均衡、表面温度低、升降温度速率快、节能等优点。

该回转窑采用国际先进技术，主要针对于粉料的混烧，仪器运行时炉管可以360°转动，且炉体可以倾斜，倾斜角度可达到0.5-6°，可以增加粉料烧结的均匀性，因而特别适合锂电材料的烧结和其他化合物的反应烧结等。此回转炉的直径可选，加热区可以定制。

The rotary kiln uses high-quality resistance wires as heating elements, adopts a double-layer shell structure, a 30 stage program temperature control system, phase-shifting triggering, and controllable silicon control. The furnace is made of imported high-purity alumina polycrystalline fiber material, and there is an air cooling system between the double-layer furnace shells, which can quickly raise and lower the temperature. It uses high-purity 310S stainless steel or other corrosion-resistant pipes. The furnace has advantages such as temperature field balance, low surface temperature, fast temperature rise and fall rate, and energy saving.

The rotary kiln adopts international advanced technology, mainly for the mixing of powder, the furnace tube can rotate 360° when the instrument is running, and the furnace body can be tilted, the inclination angle can reach 0.5-6°, which can increase the uniformity of powder sintering, so it is especially suitable for the sintering of lithium battery materials and the reaction sintering of other compounds. The diameter of this rotary furnace is optional, and the heating zone can be customized.

应用领域 / APPLICATIONS

适用材料：锂电正负极材料、磁性材料、纳米材料等粉体材料。
制备石墨负极材料专用设备，可作为二烧设备。

The sintering process has been widely used in many industrial industries such as steel industry, metallurgical industry, ceramic industry, etc., such as cemented carbide, ceramics, refractories, powder metallurgy, ultra-high temperature material sintering, etc..

产品规格及技术指标 / SPECIFICATIONS & PARAMETERS

产品编号 Numbering	产品型号 Model	加热材质 Heater	设备形式 Device Form	内胆直径×有效长(mm) Chamber Size (mm)	工作温度(°C) Operating Temperature (°C)	炉管材质 Tube Material	加热功率(KW) Heating Power(KW)	其它性能参数 Note
R2CA9.5	ACSa-27.3/240-950	电阻丝 Resistance Wires	连续式 Continuous	Φ273×2400	950	SUS310S	27	有效产能: 8L/h; 转速: 0-5rpm; 气体流量: 20m³/h Effective capacity: 8L/h; Speed: 0-5rpm; Gas flow: 20m³/h
R4CA9.5	ACSa-40/550-950	电阻丝 Resistance Wires	连续式 Continuous	Φ400×5500	950	SUS310S	90	产能: 24kg/h(比重: 0.5t/m³); 转速: 0-3rpm; 气体流量: 20L/min Capacity: 24kg/h (specific gravity: 0.5t/m³); Speed: 0-3rpm; Gas flow: 20L/min
R6CA9.5	ACSa-60/600-950	电阻丝 Resistance Wires	连续式 Continuous	Φ600×6000	950	镍基合金 Nickel-based alloys	160	产能: 80kg/h(比重: 0.5t/m³); 转速: 0-3rpm; 气体流量: 200m³/min Capacity: 80kg/h (specific gravity: 0.5t/m³); Speed: 0-3rpm; Gas flow: 200m³/min
R13CA9.5	ACSa-130/1300-950	电阻丝 Resistance Wires	连续式 Continuous	Φ1300×13000	950	SUS321	330	产能: 1500kg/h(比重: 0.5t/m³); 转速: 0-5rpm; 气体流量: 120m³/h Capacity: 1500kg/h (specific gravity: 0.5t/m³); Speed: 0-5rpm; Gas flow: 120m³/h

产品规格及技术指标 / SPECIFICATIONS & PARAMETERS

产品编号 Numbering	产品型号 Model	加热材质 Heater	设备形式 Form	内胆直径×有效长(mm) Tube Size (mm)	工作温度(°C) Operating Temperature (°C)	炉管材质 Tube Material	加热功率(KW) Heating Power (KW)	其它性能参数 Note
R2A10	VRSa-27.3/50-1000	电阻丝 Resistance Wires	间歇式 Batch	Φ273×500	1000	SUS310S	18	有效容积: 6L; 转速: 0-10rpm; 气体流量: 20L/min Effective Volume: 6L; Speed: 0-10rpm; Gas flow: 20L/min
R4A10	VRSa-40/60-1000	电阻丝 Resistance Wires	间歇式 Batch	Φ400×600	1000	SUS310S	27	有效容积: 6L; 转速: 0-10rpm; 气体流量: 6m³/h Effective Volume: 6L; Speed: 0-10rpm; Gas flow: 6m³/h
R8A10	VRSa-80/600-1000	电阻丝 Resistance Wires	间歇式 Batch	Φ800×6000	1000	SUS310S	157	有效容积: 200L; 转速: 0-10rpm; 气体流量: 20m³/h Effective Volume: 200L; Speed: 0-10rpm; Gas flow: 20m³/h