

钟罩炉系列 Press Furnaces



主要用于金属结合剂金刚石锯片、磨轮的烧结成型。可以为产品的成型提供还原和保护气氛，防止产品氧化。采用伺服压力控制系统，压力控制准确。采用新型纳米陶瓷隔热材料，保证烧结温度的均匀性。

Mainly used for sintering and forming of metal bond diamond saw blades and grinding wheels. It can provide a reducing and protective atmosphere for product molding and prevent product oxidation. Adopt servo pressure control system, accurate pressure control. The use of new nano-ceramic insulation materials ensures the uniformity of the sintering temperature.

技术参数:

1. 压力 63 吨;
2. 压头直径: $\Phi 580\text{mm}$;
3. 装料高度: 800mm;
4. 保护气氛: 氮气或氢气;
5. 最高烧结温度: 950℃;
6. 测温方式: 双测温;
7. 保温材料: 新型纳米陶瓷隔热材料;
8. 工位: 两/三/四工位;
9. 工艺存储: 100 条、12 段

Technical Data:

1. Pressure of 63 tons;
2. Indenter diameter: $\Phi 580\text{mm}$;
3. Loading height: 800mm;
4. Protective atmosphere: nitrogen or hydrogen;
5. The highest sintering temperature: 950℃;
6. Temperature measurement method: dual temperature measurement;
7. Thermal insulation materials: new nano-ceramic thermal insulation materials;
8. Work station: two/three/four work stations;

9.Process storage: 100 programs, 12 subprograms

普通双体炉系列
Regular 2-Chamber Press Furnaces



主要用于金属结合剂金刚石锯片、磨轮的烧结成型。由热炉和冷炉两部分组成，热炉可以为产品的成型提供还原和保护气氛，冷炉可以对成型后的产品进行加压冷却，保证产品质量的前提下加快产品的冷却速度，提高生产效率。采用伺服压力控制系统，压力控制准确。采用新型纳米陶瓷隔热材料，保证烧结温度的均匀性。Mainly used for sintering and forming of metal bond diamond saw blades and grinding wheels. It consists of two parts: a hot furnace and a cold furnace. The hot furnace can provide a reducing and protective atmosphere for the molding of the product. The cold furnace can pressurize and cool the molded product to speed up the cooling rate of the product while ensuring product quality and improve production effectiveness. Adopt servo pressure control system, accurate pressure control. The use of new nano-ceramic insulation materials ensures the uniformity of the sintering temperature.

技术参数:

1. 热炉压力 80-120 吨;
2. 压头直径: $\Phi 480\text{mm}$;
3. 装料高度: 850mm;
4. 保护气氛: 氮气或氢气;
5. 最高烧结温度: 1000°C ;
6. 测温方式: 双测温;
7. 保温材料: 新型纳米陶瓷隔热材料;
8. 工艺存储: 250 条、12 段
9. 冷炉压力: 50 吨

Technical Data:

1. The furnace pressure is 80-120 tons;
2. Indenter diameter: $\Phi 480\text{mm}$;

3. Loading height: 850mm;
4. Protective atmosphere: nitrogen or hydrogen;
5. The highest sintering temperature: 1000℃;
6. Temperature measurement method: dual temperature measurement;
7. Thermal insulation materials: new nano-ceramic thermal insulation materials;
8. Process storage: 250 programs, 12 subprograms
9. Cold furnace pressure: 50 tons

新型双体炉系列
New Type 2-Chamber Press Furnaces



主要用于金属结合剂金刚石锯片、磨轮的烧结成型。该产品采用了全新的结构设计，避免了客户现场的地坑作业，可以适应高、低不同楼层的安放，为客户节省了施工费用。

These machines are mainly used for sintering metal - bonded diamond saw blades and grinding wheels.

This new structural design avoids the underground foundation, which allow for installations on various workshop floors at different height.

技术参数:

1. 热炉压力 80-120 吨;
2. 压头直径: Φ 480mm;
3. 装料高度: 600mm;
4. 保护气氛: 氮气或氢气;
5. 最高烧结温度: 1000℃;
6. 测温方式: 双测温;
7. 保温材料: 新型纳米陶瓷隔热材料;
8. 工艺存储: 250 条、12 段
9. 冷炉压力: 50 吨

Technical Data:

1. Pressure: 80–120 tons;
2. Pressure Head Diameter: Φ 480 mm;
3. Loading Height: 600mm;
4. Atmosphere Protection: nitrogen or hydrogen;
5. Highest Sintering Temperature: 1000°C;
6. Temperature Measurement: Double-temperature measurement;
7. Thermal Insulation Materials: new nano-ceramic thermal insulation materials;
8. Process Storage: 250 Programs, 12 Subprograms
9. Cooling Furnace Pressure: 50T