

## 普通烧结压机系列

### Regular Sintering Presses



主要用于金属结合剂金刚石制品刀头、锯片等的热压烧结成型。液压系统采用伺服电机控制，压力控制精度高。控制系统采用 PLC、触摸屏，操作简单、方便。  
Mainly used for hot-pressing sintering forming of metal bond diamond product bit, saw blade, etc. The hydraulic system is controlled by a servo motor with high pressure control accuracy. The control system adopts PLC, touch screen, simple and convenient operation.

技术参数:

1. 压力 0-25 吨;
2. 石墨压头尺寸:200X200mm;
3. 压制高度: 250mm;
4. 压制平行度:<0.1mm
5. 控压精度: <0.1MPa;
6. 最高加热温度: 1200℃;
7. 工艺存储: 100 条、12 段

Technical Data:

1. Pressure 0-25 tons;
2. Graphite indenter size: 200X200mm;
3. Pressing height: 250mm;
4. Pressing parallelism: <0.1mm
5. Control pressure accuracy: <0.1MPa;
6. The highest heating temperature: 1200℃;
7. Process storage: 100 programs, 12 subprograms

## 真空烧结压机系列

### Vacuum Sintering Presses



主要用于金属结合剂金刚石制品串珠、刀头等的热压烧结成型。配备真空装置，产品可在真空环境下烧结，极大减小产品的氧化，提高产品的质量，节省模具损耗。

Mainly used for hot pressing and sintering forming of metal bond diamond products, beads, cutter heads, etc. Equipped with a vacuum device, the product can be sintered in a vacuum environment, which greatly reduces the oxidation of the product, improves the quality of the product, and saves mold loss.

技术参数：

1. 压力 0-25 吨；
2. 石墨压头尺寸:200X200mm；
3. 真空压制高度：120-270mm；
4. 压制平行度:<0.1mm
5. 控压精度：<0.1MPa；
6. 最高加热温度：1200℃；
7. 工艺存储：100 条、12 段
8. 真空度：70 毫米汞柱

Technical Data:

1. Pressure 0-25 tons;
2. Graphite indenter size: 200X200mm;
3. Vacuum pressing height: 120-270mm;
4. Pressing parallelism: <0.1mm
5. Control pressure accuracy: <0.1MPa;
6. The highest heating temperature: 1200℃;
7. Process storage: 100 programs, 12 subprograms
8. Vacuum degree: 70 mmHg

## 三相直流烧结压机系列

### Three phase DC Sintering presses



主要用于金属结合剂金刚石制品砂轮等的热压烧结成型。采用直流脉冲加热，加热速度快，加热温度均匀性高，具有发热小，节能、效率高等特点。

Mainly used for hot pressing and sintering of metal bond diamond products. Through using DC pulse heating, the heating speed is fast, the heating temperature uniformity is high, it has the characteristics of low heat generation, energy saving and high efficiency.

技术参数：

1. 压力 0-25 吨；
2. 石墨压头尺寸:200X200mm；
3. 压制高度： 250mm；
4. 压制平行度:<0.1mm
5. 控压精度： <0.1MPa；
6. 最高加热温度： 1200℃；
7. 工艺存储： 100 条、12 段

Technical Data:

1. Pressure 0-25 tons;
2. Graphite indenter size: 200X200mm;
3. Pressing height: 250mm;
4. Pressing parallelism: <0.1mm
5. Control pressure accuracy: <0.1MPa;
6. The highest heating temperature: 1200℃;
7. Process storage: 100 programs, 12 subprograms