

## 步进式炉 Walking Beam Furnace



功能叙述	步进式炉用于加热铸坯
加热方式	<ul style="list-style-type: none"><li>• 电加热 (热风循环)</li><li>• 燃气加热</li><li>• 石墨加热</li></ul>
与优点	<ul style="list-style-type: none"><li>• 均温度优良 (<math>\pm 5^{\circ}\text{C}</math>)</li><li>• 容易设置参数</li><li>• 在加热室能自动控温和显示氧含量</li><li>• 可依客户需求, 提供炉内不同的充入气体和环境</li><li>• 特殊保温节省能源消耗</li><li>• 提供高纯度的气体环境, 并减少气体消耗</li><li>• 可装配燃烧机</li><li>• 工件由马达驱动滚轮或交替动作的电动液压系统下料</li><li>• 炉内无金属结构、容易替换的陶瓷支架和炉下能简易拆卸的设计, 相对简化清洗和保养</li><li>• 特别的结构设计防止热变形</li></ul>
使用于	<ul style="list-style-type: none"><li>• 渗碳</li><li>• 碳氮共渗</li><li>• 调质等热处理</li><li>• 其他热处理</li></ul>

## 步进式炉 Walking Beam Furnace



Description	Walking beam furnaces are used for treating billets, slabs, springs, etc.
Heating Method	<ul style="list-style-type: none"> <li>• Electric Heating (convection)</li> <li>• Gas Heating</li> <li>• Graphite Heating (in higher temperature)</li> </ul>
Advantage	<ul style="list-style-type: none"> <li>• Temperature Uniformity (<math>\pm 5^{\circ}\text{C}</math>)</li> <li>• Easy to set up process parameter</li> <li>• Automatic temperature control and oxygen content in the chamber</li> <li>• Accommodate reactive or inert gas atmospheres upon customer's request</li> <li>• Ultra-pure atmospheric environment with minimal gas consumption</li> <li>• Can equip with gas fired burners</li> <li>• Parts are unloaded by motor-driven roller or electro-hydraulic systems with alternated movements</li> <li>• Absence of metal parts, easy replacement of the ceramic support, and removal of the entire lower section of the furnace makes it easy for cleaning and maintenance</li> <li>• Special design for thermal deformation</li> </ul>
Application	<ul style="list-style-type: none"> <li>• Carburization</li> <li>• Carbonitriding</li> <li>• Tempering Heat Treatment</li> <li>• Other Heat Treatment</li> </ul>



## 升降式高温炉 Elevator High Temperature Furnace



Heating Method	<ul style="list-style-type: none"><li>• Electric Heating (convection)</li><li>• Gas Heating</li><li>• Graphite Heating (in higher temperature)</li></ul>
Description & Advantage	<ul style="list-style-type: none"><li>• Temperature Uniformity (<math>\pm 5^{\circ}\text{C}</math>)</li><li>• Automatic temperature control and oxygen content in the chamber</li><li>• Accommodate reactive or inert gas atmospheres upon customer's request</li><li>• Energy efficient design insulation</li><li>• Ultra-pure atmospheric environment with minimal gas consumption</li></ul>
Application	<ul style="list-style-type: none"><li>• Reduction</li><li>• Calcination</li><li>• Sintering</li><li>• Coating Application</li></ul>